

2019

Annual report



La chaîne
de l'espoir

Together, let's save children

Overview

2019 Annual report



LA CHAÎNE DE L'ESPOIR

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President Éric Cheysson



2019 was marked by many events. It is impossible to look back over this year without mentioning what we are most proud of: the miracle of the Cameroonian conjoined twins.

Thanks to an unprecedented effort, the sisters were successfully separated on November 13, 2019 at the Hospices Civils de Lyon by Prof. Pierre-Yves Mure and his team. They have now returned to Cameroon, where a new life awaits them.

This major event is the reflection of the passion that drives and unites us. Children are the driving force behind our action, both here and abroad we were able to save nearly 6,000 children in 2019. This is an incredible feat. I would like to recognise and thank all of the volunteers, medical teams, host families, and permanent staff who are the linchpin of our organisation for their hard work. I would also like to thank our donors and partners, without whom none of this would be possible.

Like many NGOs, La Chaîne de l'Espoir is active in locations with a volatile geopolitical context: Afghanistan, Iraq, Mali, and Burkina Faso. In 2019, the deteriorating state of security was of great concern. In this particularly sensitive context, we are even more determined to continue to provide high-quality medical and surgical assistance to vulnerable women and children. We are continuing our work of improving the capacities of government health structures.

Inspired by Nadia Mourad, Nobel Peace Prize laureate, on the occasion of a joint trip to Iraq in February 2019, La Chaîne de l'Espoir and the French government's Crisis and Support Centre (CDCS) decided to launch a joint hospital project to support the reconstruction of the city of Sinjar, in Iraq. This city is the historical home of the Yazidi people, who suffered greatly at the hands of the Islamic State. The 1st phase of this project that

began in 2019, focused on building and equipping an operating room. All of our projects are run in close coordination with local businesses and service providers, in the hope of participating in the economic recovery and the inclusion of this new project on a national scale.

In 2019, our work with children in France also increased. In January, we added to our portfolio of activities the support programme for children hospitalised in France, previously run by Médecins du Monde. Over the course of the year, we were able to support 111 children thanks to 11,000 hours of volunteer work in some 15 institutions.

This programme provides children (predominantly French), whose parents are either absent or not very present, with regular visits from volunteers every day, making their hospital stay less stressful.

Finally, I cannot end this editorial without mentioning the legacy of Jean-Claude Lafeuillade, who passed away in December 2019. As Secretary General of La Chaîne de l'Espoir for more than 20 years, he helped to forge this chain, one link at a time. Jean-Claude Lafeuillade will remain forever in our hearts, and we are eternally grateful for his dedication.

La Chaîne de l'Espoir exists thanks to you. Our work would not be possible without all of you who make up the links in this Chain.

Thank you, from the bottom of our hearts!

Associative project



La Chaîne de l'Espoir is a collective adventure that unites us...

Vision

Around the world, millions of children have little hope for survival, due to a lack of access to medical care or education. Professor Alain Deloche believed that the suffering of these children cannot be ignored, and that they cannot just be abandoned to their fate. His vision led him to embark on a unique human adventure, a powerful alliance of generosity, skills and energy that would bring together generous, good-hearted men and women willing to fight for life every single day. La Chaîne de l'Espoir was founded in 1994 as a French non-profit organisation under the Act of 1901, and is currently chaired by Dr Eric Cheysson. It is a network of excellence and medical-surgical expertise, a healthcare player that is committed to sustainable actions designed to provide access to care and education to the poorest children, their families, and their communities worldwide.



Missions

- Providing healthcare in France or abroad for children and mothers who cannot be treated due to a lack of technical and financial resources or specialised knowledge in their country of origin.
- Training local medical staff in specialisations related to various diseases.
- Transfer of medical technology, equipment, and consumables to countries where healthcare facilities are inadequate.
- Promoting the development of specialised hospital structures adapted to local needs.
- Contributing to the medico-social care of women and children in vulnerable situations.
- Providing medical assistance to poor populations, essentially mothers and children, through the procurement and shipping of medicine and health and nutrition products abroad.
- Increasing access to education for poor children and women.
- Supporting and participating in medical research and publications that focus on improving or developing effective diagnostic and therapeutic methods.
- Fighting against hunger and malnutrition.
- Defending women's and children's rights.
- Relieving human distress by any means.
- Providing humanitarian assistance in the event of conflict or natural disaster.
- Raising funds to finance actions related to the objectives and missions of La Chaîne de l'Espoir.

Guarantees

- To clearly indicate how funds raised from the public will be used.
- To use donations for their intended purpose within a reasonable period of time.
- To inform donors of any other possible use of donations for actions related to the organisation's mandate.
- To keep donors informed about the organisation's management by sharing information on its accounts, previously verified by statutory auditors.

Accounts must provide clear and legible information on the amounts of funds received, their use and the percentage devoted to the cause or project planned.

Approach

To fulfil its mission, La Chaîne de l'Espoir calls on public generosity, raising funds from individual donors, institutions, and corporate partners. Its actions focus on several key areas:

- Coordination with international organisations, governments, and local authorities, as well as with public and private organisations, both in France and in the countries where it is active.
- Partnerships with other organisations or non-profits with similar goals, both in France and abroad.
- Organisation of awareness campaigns, either to collect funds or to raise awareness among the general public about the needs of children in distress.
- Production of audiovisual broadcasts for the general public for educational, pedagogical, and informative purposes, publishing of publications and research, organisation of conferences, seminars and training sessions.
- Encouraging the creation internationally of other non-profits with the same purpose (hereafter "Affiliated Organisations"), to which it will grant the use of the name and trademark La Chaîne de l'Espoir. They will be subject to compliance with the rules and principles defined by the organisation.
- To share information about its activities in France and abroad through groups of local members forming "Local Branches".
- Ensuring there are volunteer host families to care for the children throughout their stay in France for treatment.



Values

La Chaîne de l'Espoir is keen to build a relationship of trust with its donors and aims to offer total transparency about its management.

La Chaîne de l'Espoir holds itself responsible and accountable to them for the funds collected and refuses to use any fundraising method that, whether through words or images, could undermine the dignity of individuals and respect for their beliefs. La Chaîne de l'Espoir applies the principle of non-remunerated management when choosing its service providers. It is compliant with procedures for external consultations or call for tender, and the principle of plurality for suppliers. All of La Chaîne de l'Espoir's employees sign a contract when they are hired, in strict compliance with the legislation in each country, with no discrimination based on race, nationality, gender, or religion. It ensures that its representatives operating in each country respect that country's laws, people, beliefs, and customs. In the same vein, volunteers agree to follow the organisation's code of ethics and the deontological principles of their profession. Finally, La Chaîne de l'Espoir fosters close ties with the people in the countries it works in, constantly striving to ensure that its values are in line with the actions and means to achieve them.

Transparency

La Chaîne de l'Espoir holds certifications from IDEAS and Don en Confiance. The IDEAS certification is a mark of confidence for partners and funders. It attests to the quality of the organisation's governance, financial management, and monitoring of the effectiveness of its actions. The certification is awarded through a process of optimisation of practices, based on verifications carried out by independent professionals, following a hearing before the certification board. The Don en Confiance certification is the gold standard in terms of ethics for humanitarian social organisations that are supported financially by the public. Its aim is to oversee public calls for funding based on the principles of transparency, efficiency, probity, disinterestedness, and respect for donors, both individuals and legal entities.



2019 at a glance



January

Takeover of Médecins du Monde's programme in **FRANCE** supporting children in hospitals. 111 children supported in 2019 thanks to 11,000 volunteer hours.



February

Exploratory mission to **IRAQ** in the Yazidi area of Sinjar, to build a general hospital in partnership with French authorities.

Overall budget
€21 million



March

Graduation of 13 young doctors who completed our postgraduate training programme in **AFGHANISTAN**.



March

One year after its opening, the Bingerville Hospital in **CÔTE D'IVOIRE** hosted an oesophageal surgery mission that allowed 13 children from 4 African countries to be treated.



April

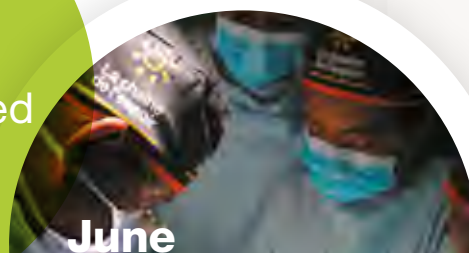
School year resumes in **NEPAL**, where we support the education and health of 8,000 children.



May

Creation, by the University of N'Djamena, of a graduate programme in district surgery in **CHAD**, in partnership with La Chaîne de l'Espoir.

235,000
children treated



June

New cardiac surgery mission in Antananarivo, **MADAGASCAR**: over the year, we carried out 784 consultations and operated on 28 children.



July

In **JORDAN** and **LEBANON**, launch of an advocacy study to promote access to surgery for refugee children.



August

One year after its opening, our Children's Pavilion in **VIETNAM** welcomed approximately one hundred children and financed 35 heart surgeries.

4,400
children operated on



June

Launch of cardiac surgery at the Tengadogo University Hospital in Ouagadougou, **BURKINA FASO**: 7 children operated on by our Senegalese partner.



September

School resumes in **TOGO** where, with the support of AFD, we provided assistance to 8 schools through a prevention and awareness programme focused on hygiene, health, non-violence, and gender equality.



October

School year resumes in **HAITI**, where we monitor the health of 2,500 schoolchildren; 175 children were treated for visual impairment and 3 had congenital cataract surgery.



November

2019 review at the André Festoc Centre in Bamako, **MALI**: 90 volunteer healthcare providers carried out 25 missions, operated on 136 children, and trained a team of more than 30 people.

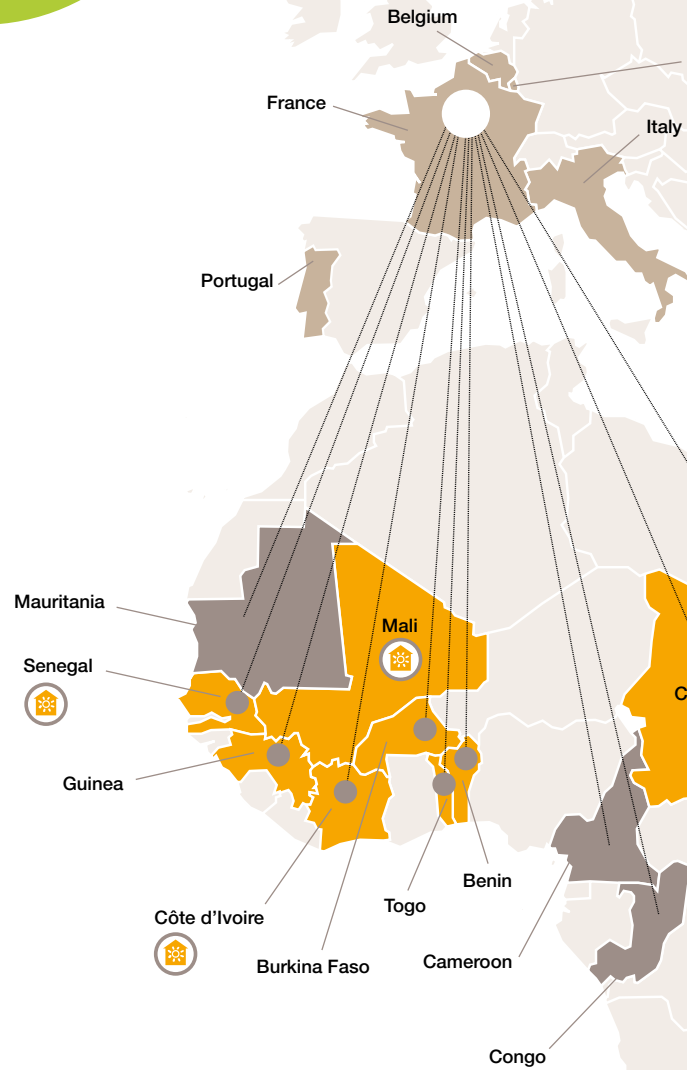


December

In **JORDAN**, a country with 745,000 official refugees, we carried out 750 orthopaedic and cardiac consultations and operated on 142 children this year, thanks to continued European funding through the ECHO programme.

**Solidarity
without
borders**

**We are present
in approximately
30 countries**



-  **PROGRAMME COUNTRIES**
-  **COUNTRY OF ORIGIN OF CHILDREN CARED FOR IN FRANCE**
-  **CHILDREN'S PAVILION HOSPITAL FACILITY**
-  **MEMBERS OF LA CHAÎNE DE L'ESPOIR EUROPE**

A strong focus on the international scene.

In 2019, La Chaîne de l'Espoir intervened in nearly 30 countries and was present at the scene of major humanitarian disasters.

Luxembourg

Lebanon

Iraq

Iran

Afghanistan

Jordan

Nepal

India

Bangladesh

Laos

Vietnam

Thailand

Cambodia

had

Madagascar

Mozambique



Projects 2019

Healthcare in France

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Innovation division

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International missions

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Healthcare in France

75 children treated

Caring for foreign children in France



La Chaîne de l'Espoir has been caring for foreign children in France for 25 years now. This programme is aimed at children with cardiac malformations (86%) or, in rare cases, various malformations (14%), for which there is no local treatment available.

In 2019, 85 children came to France to undergo surgery for their cardiac, neurological, urological, or orthopaedic pathologies. These children were hosted by 79 families from our network and were cared for in our 10 partner hospitals. 75 children were successfully treated. 9 children returned to their home country without being operated on either because their condition was too severe or, on the contrary, it did not require surgery. Unfortunately, one child died before coming to France. These statistics indicate just how urgent the situation truly is. Today, in many African

countries, there are no paediatric surgery centres, especially for cardiac surgery. These countries have no other solution than to refer these children to organisations such as La Chaîne de l'Espoir.

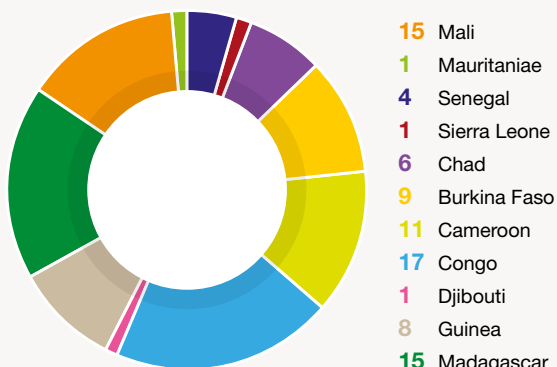
The children are diagnosed by local partners who are members of La Chaîne de l'Espoir in Africa. The disease must be able to be treated in a single surgery, the family must have no resources and no possibility of having their child operated on, and the patient must be a minor. In rare cases, young adult patients are admitted into the programme. These are patients who were already treated in their childhood by the organisation.

• 2019 highlights

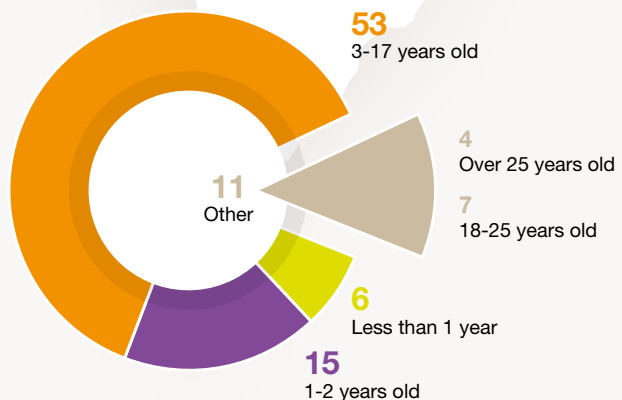
Bissie and Eyenga, young conjoined twins joined at the liver, came from Cameroon to be separated by the teams at the Hospital Femme-Mère-Enfant in Lyon.

Later, Bissie underwent open-heart surgery for a heart issue. The twins returned to Cameroon in January 2020. Their health is regularly monitored by Cameroonian doctors and they are doing very well.

Children's country of origin



Children's age



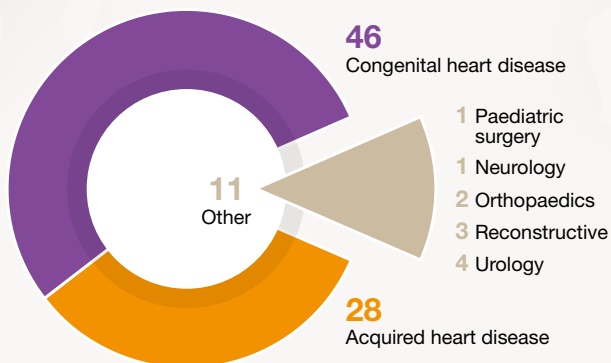


In September 2019, the Reunion Island chapter launched its treatment of Malagasy children suffering from cardiac conditions with its 1st open-heart surgery on a young patient named Ckassie. Thanks to this new possibility of treating children in Madagascar, many patients will now have access to high-quality care close to home.

• **2020 Outlook**

90 children are scheduled to be treated in France in 2020. There will be a focus on supporting our local partners.

Children's pathologies



Coordination:

Bertille Ortmans

Medical experts:

Prof. Alain Deloche, Prof. Daniel Sidi

Head office team:

Chantal Jacques, Danièle Demoly

Locations:

Bordeaux, Caen, Lyon, Marseille, Nantes, Paris, Rennes, Toulouse, Tours, Reunion Island, France

Funding:

La Chaîne de l'Espoir, private partnerships

Healthcare in France



Support for children in the hospital

131
beneficiaries
1
mission

Created in 1988 within Médecins du Monde, the support programme for hospitalised children has, since January 2019, become a part of La Chaîne de l'Espoir to benefit the health and well-being of children in vulnerable situations. It supports children hospitalised in France, often with a serious condition, whose parents are absent or unable to be regularly present at their side during their hospitalisation due to their geographical distance, complex family situations, psychosocial issues, or when the children are dependent on children's social welfare. The aim of this programme is to provide these children with the emotional and moral support essential to their recovery, thanks to regular visits by volunteers to partner health establishments in Île-de-France and Reunion Island.

In 2019, the programme assisted 111 children. The volunteers spent more than 11,000 hours with them, sharing special moments in conversation,

reading, games, and outings within 13 partner establishments. Most of the children in the programme this year were under 5 years old (64%) and came mainly from French departments and territories. Others were from African countries, mainly the Comoros, and a few came from other regions around the world.

The average time spent with these children was 8 months, with significant variation from one establishment to another, from 16 days in some hospitals to over 700 days in follow-up care centres.

Each child received several weekly visits from a dedicated volunteer. These volunteers create a vital, if not unique, individual link for children who have sometimes only known the world of hospitals and group homes since their birth.

Over the last quarter, the team grew by 20 new volunteers, thanks to two recruitment sessions held in Paris and in Saint-Denis on Reunion Island.

Each volunteer had three days of training to prepare them for their mission. Throughout the year, they were offered psychological support through 33 discussion groups that aimed to provide a regular space for listening, discussing frequent issues, and sharing experiences.

Finally, as part of their ongoing training, the volunteers were able to attend three conferences this year to increase their knowledge on topics related to hospitalised children and their situations.

In 2020, La Chaîne de l'Espoir aims to expand this programme into other departments in France to allow more children to benefit from it.



Activity:

Support for hospitalised children

Overall coordination:

Sophie Rollin

Volunteer coordination:

Sylvie Guillaume

Locations:

Île-de-France and Reunion Island, France

Funding:

Nehs Dominique Béneteau Foundation,
Air France, La Chaîne de l'Espoir

The innovation Programme



First launched in 2015, the Innovation programme pilots the use of medical and humanitarian innovations to address the health needs of children in developing countries.

For the past 5 years, La Chaîne de l'Espoir has been carrying out remote live cardiac and obstetrical ultrasounds using the echoes® video consultation platform. Its 1st aim is to increase the capacity and skills of local medical staff on an ongoing basis to be able to save children through better and earlier diagnoses. In 2019, 13 hospitals were network, 3 more than in 2018. New countries will join the network in 2020.

- **echoesCARDIO®**

Approximately 600 consultations were carried out in 2019 by a team of 10 active French experts, who hold weekly sessions that are run either from the head office of La Chaîne de l'Espoir in Paris or directly from their workplace.

- **echoesGYN®**

40 consultations were carried out at 3 different hospitals (Bingerville, Côte d'Ivoire, Cotonou, Benin, and Kabul, Afghanistan) in 2019, with the help of three active experts. In July 2019, an obstetrician-gynaecologist from Kabul was trained in France to strengthen her ultrasound skills.

- **Implementation of the Electronic Patient Record and roll out in 2020**

Since 2019, La Chaîne de l'Espoir has been progressively implementing the Electronic Patient Record.

This software programme records diagnoses made during consultations and the medical information of all the patients seen by La Chaîne de l'Espoir or through the echoes® system in order to collect and analyse this data efficiently.

The medical data stored in this system is better organised, stored more safely, and used more

effectively in order to improve our actions and monitoring of patients under our care in all our areas of expertise.

- **Outlook for the Innovation programme in 2020**

- A project with the Necker-Enfants malades Hospital and the universities involved in the DES (Diploma of Specialised Studies) support programme is in the works, thanks to the possibility of a satellite internet connection.
- A study on an artificial intelligence project to detect rheumatic fever by ultrasound.



Activities:

Training using new technologies, remote cardiac and obstetrical ultrasound, distance learning, and telemedicine

Coordination:

Constanza Aguilera

Locations:

Afghanistan, Benin, Cambodia, Côte d'Ivoire, France, Jordan, Mali, Madagascar, Mozambique, and Senegal

Funding:

La Chaîne de l'Espoir, Boehringer Ingelheim

Purchasing, logistics, and biomedical

17 tonnes
of equipment
and consumables
shipped

- **Medical procurement and international logistics: programme supply**

Coordination: Thomas Mougel and Claire Besse

The Medical purchasing and international logistics team supports surgical missions and hospital projects with a vast range of expertise, from defining requirements for medical consumables and medicines with surgeons and anesthesiologists, to customs management, as well as instrumentation and inventory management.

The extremely technical and complex nature of the surgeries run by La Chaîne de l'Espoir teams require consumables, medicines, instruments, and medical devices that cannot be supplied in the countries where we operate, for reasons of quality, safety and traceability, cost, or availability.

Once the needs are specified with the medical and mission experts, taking into account the operational programme and whether inventory is to be managed locally or in Paris, the teams must gather all of the equipment as quickly as possible through purchases negotiated at the best price from suppliers or from amongst the 1,300 products managed in the warehouse.

After that, the team organises the logistics all the way to the operating room in the destination country by determining the most efficient means of transport and route, managing the draconian regulations of international freight and the complexity of customs operations.

- **Maintenance and management of technical and medical equipment**

Coordination: Arnaud Ferron

The main actions of the biomedical department are support, technical expertise, purchasing, and transport of biomedical equipment to the countries where La Chaîne de l'Espoir is present, in addition to providing training and support for the medical, paramedical, and technical teams. The biomedical department team pays particular attention to ensuring that functional, high-quality biomedical equipment meeting international standards is provided in order to ensure safe surgeries. The team also keeps an eye on technological advancements in order to detect innovations that could be useful in our field.



The biomedical department of La Chaîne de l'Espoir works in partnership with public and private hospitals to collect medical devices from French healthcare structures including hospitals, clinics, and suppliers, etc.

• Activity in 2019

2019 was marked by an increase in surgical activity in Mali at the André Festoc Centre in Bamako. This department, inaugurated in September 2018, has mobilised significant human resources.

Biomedical technicians were physically present for several months in order to support the Malian technical team as they became more independent and ensured the safety of the site's 1st surgeries. This technical presence also allowed us to provide training in the use of medical devices in operating rooms and intensive care units. The department continued to provide technical support to the French Medical Institute for Mothers and Children (FMIC) in Kabul, Afghanistan. Many technical parts were able to be shipped.

The department has also been very implicated in 2 issues directly related to patient safety:

- Water treatment and distribution
- Upgrading of medical fluid production facilities

La Chaîne de l'Espoir also provided ongoing technical assistance to the Cuomo Cardio-Paediatric Centre in Dakar, Senegal, by designing an annual preventive maintenance plan for all the Centre's medical devices, and ordering and shipping the technical parts and accessories. Using its CMMS tool (Computerised Maintenance Management System), the biomedical department ensures precise monitoring of the entire fleet of equipment (900 medical devices) and ensures their proper operation. Each medical device is monitored throughout its lifespan, from acquisition to destruction.

2019 also saw the renovation of a technical surgery facility in Sinjar, Iraq. It was inaugurated on February 4, 2020 by Dr Eric Cheysson. This renovation, costing €200,000, was carried out in partnership with local suppliers based on a capital investment plan that was defined beforehand.

In Bangladesh, in partnership with the Friendship non-profit organisation, La Chaîne de l'Espoir provided technical expertise in updating sterilisation equipment. Next-generation autoclaves were acquired that now ensure perfect sterilisation of surgical instruments.

• 2020 Outlook

The André Festoc Centre in Bamako, Mali will gradually become technically independent, with specific support provided when necessary. This will also be the case for the Cuomo Cardio-Paediatric Centre in Dakar, Senegal. La Chaîne de l'Espoir was recently entrusted with the repair of a hospital in Madagascar. A plan is currently being drawn up and the implementation phase is expected to begin soon. Ground should also be broken for a new General in Sinjar, Iraq.



The biomedical department also wants to ensure better traceability in managing electrical and electronic waste. A partnership agreement is currently being drawn up with ECOSYSTEM.

Finally, the department wishes to maintain the quality of its exchanges with the biomedical technicians working in the hospital. This will provide the framework for the Journées Biomédicales at La Chaîne de l'Espoir this year.

In 2019, the volume of activity included:

- **120 shipments**, including **40** to Mali, **15** to Afghanistan, **12** to Senegal, **10** to Bangladesh and **9** to Burkina Faso.
- A total of **more than 175 m³** and **17 tonnes** of equipment, all means of transport combined.
- A strong biomedical network of **12 volunteers** providing technical and training missions
- **1,500 line** items ordered from **60 suppliers**.
- More than **€850,000 of purchases**.
- **€91,000 in donations** of medical devices from our partners and suppliers.

Afghanistan

Medical and surgical care for women and children



- **A humanitarian situation in decline in an unstable political and security context.**

2019 was expected to be a turning point for Afghanistan, with its presidential elections providing an opportunity to strengthen the country's governance. However, the elections originally scheduled for April were postponed several times until September, marred by suspicions of fraud and marked by a very low turnout. The official announcement of the results was postponed indefinitely, fuelling the institutional crisis between President Ashraf Ghani and his main opponent, Chief Executive Officer Abdullah Abdullah, and casting doubt on the country's political future.

The electoral stakes were also overshadowed by the bilateral negotiations between the United States and the Taliban that are the focus of all hope for peace. As an agreement on the military disengagement of U.S. troops was nearing completion, an attack in Kabul in September cut short any attempt at negotiations. It was not until December that Pres. Donald Trump decided to officially resume a dialogue with the Taliban with a view to a ceasefire. In a fragile security context, the peace agreement is still the most credible resolution to the Afghan conflict that continues to impact Afghan security forces and civilians heavily. Electoral violence, combined with a series of deadly attacks and escalating air strikes made 2019 a particularly bloody year. This year saw progress in these peace negotiations that are crucial for the country's future, but also proved their fragility. The conflict and drought has had an alarming impact on the humanitarian situation. The United Nations estimates that 9.4 million people, nearly a quarter of the total population,

will require humanitarian aid in 2020, compared to 6.3 million in 2019. The aid focuses on life-saving emergency responses, protection, and increasing the resilience of vulnerable populations, especially through medical support.

In this particularly fragile context, the role of La Chaîne de l'Espoir in Afghanistan is more important than ever in providing quality medical and surgical assistance to vulnerable Afghan women and children. Despite the security challenges, the situation in Kabul remained relatively calm, allowing 43 medical and technical missions to be run in 2019.

- **Highlights at the French Medical Institute for Mothers and Children (FMIC) and key figures.**

2019 saw a strong and reaffirmed determination of the management team at the French Medical Institute for Mothers and Children (FMIC) to provide all patients with quality care based on international best practices. In spite of the significant challenges, the FMIC continued its efforts to earn accreditation from the Joint Commission. La Chaîne de l'Espoir is continuing its training missions at an increased pace.

The graduation ceremony of the Postgraduate Training Programme (PGME) is a major event for the FMIC. In March 2019, 13 graduates were honoured under the proud gaze of their colleagues, families, and programme partners. After 4 to 5 years of training, they received degrees in the following medical specialities: paediatric medicine and surgery, anaesthesia, pathology, radiology, cardiology, and orthopaedic surgery. With the help of La Chaîne de l'Espoir, the FMIC launched a training programme in cardiovascular surgery this year that has enrolled 2 medical residents.

The FMIC's activities, especially paediatric and ophthalmology consultations, as well as orthopaedic surgery for adults, are on the rise. There was also a slight increase in the overall number of admissions.



The Institute also has many medical success stories, with the treatment of biliary atresia and Wilms' tumour for the 1st time. These advances are the result of the work of the Afghan teams and the support of the institution's public and private partners. They are also the fruit of the work carried out by Nayamat Shah, director of the FMIC, who left his position in September 2019. He is followed by Aziz Ahmad Jan, who was director from 2007 to 2014. He represents the new impetus that will drive the FMIC in the years to come, with new projects that we will implement together.

Sadly, Dr Abdoul Baha, medical coordinator of the FMIC since its opening and a long-time friend of La Chaîne de l'Espoir, passed away this year.

- **Extension project**

La Chaîne de l'Espoir supports the FMIC in its project of providing medical and surgical care for adults, with an eye to meeting the needs of the Afghan population, as well as its goal of attaining financial sustainability by generating additional income.

An initial phase of the preliminary technical study will take place in 2020 with the financial support of the Agence Française de Développement, in order to lay the groundwork for the construction of a 50-bed hospital ward.

In addition to internal medicine, emergency medicine, and general surgery, the expansion of the range of services will also include specialities such as orthopaedics, gastroenterology, oncology, and urology. Ultimately, the extension project aims to create a benchmark 550-bed university hospital that provides quality care and diagnoses, as well as

170,000
beneficiaries

2,587
surgeries

43
projects

research and teaching, to increase the medical human resources available in Afghanistan.

- **Training missions**

Since the opening of the FMIC in 2005, the main objective of La Chaîne de l'Espoir has been to train Afghan medical staff in order to become self-sufficient. This support is provided in a number of medical specialities, including the most recently introduced. This year, the focus was on maternity that opened in 2016, paediatric and adult cardiac surgery, and surgical cardiology.

48 missions, including 43 medical and paramedical missions, were run at the FMIC.

36 healthcare professionals carried out one to several missions, of varying duration:

- 23 long missions of 14 days or more: adult and paediatric cardiac surgery (7), anaesthesia and resuscitation in cardiac surgery (6), gynaecology-obstetrics (2), anaesthesia in maternity (3), medical coordination of the Mother-Child unit, (4) and interventional cardiology (1);

- **20 short missions:** medical coordination of the Mother-Child unit (1), paediatric-neonatology (3), gynaecology and obstetrics (5), maternity anaesthesia (1), adult and paediatric cardiac surgery (3), adult and paediatric interventional cardiology (1), ophthalmic surgery (1), vascular surgery (1), laboratory (1), and biomedical engineering (3).

FOCUS ON...

GYNAECOLOGY-OBSTETRICS

The objectives of these missions were to improve surgical skills in general, and in laparoscopy in particular. A total of 7 missions were carried out. At the same time, training Afghan obstetricians in instrumental extraction techniques for vaginal deliveries is a priority. As the caesarean rate in the FMIC maternity ward is high, Afghan obstetricians must master these techniques to avoid surgery. The other aim of these missions is to support the department head in developing her management skills. As the department is still new, support at all levels is still needed.

ANAESTHESIA

5 anesthesiologists took turns on 7 missions throughout the year with the aim of being present for the most complicated surgeries and training their Afghan colleagues in epidural analgesia.

Epidurals are not widely used in Afghanistan, where women most often do not have pain relief while giving birth. A lack of skilled resources is one cause, however, a lack of knowledge about pain management and social prejudices with regards to epidurals prevent their widespread introduction. In 2019, one anesthesiologist from FMIC was trained and accredited for epidural placement, and the aim for 2020 is to train a 2nd person.

NEONATOLOGY

3 missions in 2019 focused on improving the general skills of the Afghan teams and provided training in using non-invasive ventilation for premature newborns who are hospitalised in the neonatal intensive care unit. This technique allows the paediatricians at FMIC to avoid intubation of newborns in respiratory distress.

HEART SURGERY

In 2019, 10 paediatric and adult cardiac surgery missions took place. When it first opened in 2005, the FMIC was the only cardiac surgery centre in Afghanistan. Today, it is the reference in the field with more than 300 open- and closed-heart surgeries performed each year by an Afghan team made up of 2 senior surgeons who, since 2019, were joined by 2 cardiovascular surgery interns from the FMIC's Post-doctoral Training Programme (PGME).

INTERVENTIONAL CARDIOLOGY

In January 2019, 2 senior cardiologists from FMIC were accredited in paediatric interventional

cardiology after receiving training through the missions run by La Chaîne de l'Espoir in recent years. Their team was already independent in adult interventional cardiology, and this marks the success of La Chaîne de l'Espoir's training missions. In 2020, support will be provided for these cardiologists who still need assistance for the most complex cases.

OPHTHALMOLOGY

Only one mission was organised in 2019 due to the lack of doctors available to travel to Kabul. This allowed us to continue developing retinal surgery. In addition, videoconference courses on congenital cataracts and strabismus were held for Afghan ophthalmologists in Kabul.

MICROBIOLOGY

One mission took place in 2019 aimed at increasing the team's general skills and supporting its microbiological analysis of the water at FMIC.

ACCESS TO HEALTHCARE FOR THE POOREST POPULATIONS.

In 2019, with the support of the French government, La Chaîne de l'Espoir once again contributed to FMIC's social assistance fund, enabling the poorest patients at the hospital to access treatment. Once again, thousands of patients were able to benefit from it this year.





ECHOES®, REMOTE CARDIAC AND OBSTETRICAL ULTRASOUND

The remote live ultrasound programme using the echoes® platform continued at FMIC in 2019. 163 patients were examined in 35 echoes®CARDIO sessions, and 10 patients were examined in echoes®GYN-OBS sessions.

2020 will give us an opportunity to increase the number of echoes®GYN-OBS sessions with 2 new doctors scheduled to be trained.

• 2020 Outlook

One more year of action-oriented service to support the FMIC's Afghan teams. La Chaîne de l'Espoir's teams on the ground, volunteers, and French doctors will all be mobilised in order to continue to provide support for in the following areas: gynaecology-obstetrics, paediatric-neonatology, paediatric and adult cardiac surgery, interventional cardiology, ophthalmology, etc.

They will also support the FMIC with its expansion into specialised care for adults, with the launch of technical studies aimed at defining the medical and architectural project of an 50-bed hospital building.



Activity:

Training of medical and paramedical staff

Medical specialities:

Specialised paediatric surgery, gynaecology and obstetrics, interventional cardiology, anaesthesia and resuscitation, ophthalmology, microbiology

Coordination:

Sophie Tran (France), Owen Brueil and Eva Nassery (Afghanistan)

Medical expert:

Agnès Simon
(for maternity)

Location:

French Medical Institute for Mothers and Children (FMIC), Kabul, Afghanistan

Funding:

La Chaîne de l'Espoir, French Embassy, Agence Française de Development, Emirates Foundation

Afghanistan

Women and Children's Pavilion



• Activities in 2019

In Afghanistan, there are many obstacles to healthcare, especially surgery, for children who live outside the capital: insufficient healthcare structures, lack of accessibility, lack of financial means, etc. The poorest families, who live in remote areas, are not only unable to provide children with the care they need but are also unaware that the FMIC exists. That's why La Chaîne de l'Espoir decided to create the Women and Children's Pavilion in 2008. The aim is to provide these children with access to the care needed at the FMIC through a network of partners. For more than 10 years, La Chaîne de l'Espoir has welcomed 10,136 vulnerable children for medical and surgical care. This represents more than 9,500 surgeries and more than 50,000 consultations. For the past two years, the Pavilion has also cared for vulnerable women in need of gynaecological care.

In 2019, nearly 1,500 new patients, including 70 women, from all over the country were welcomed, along with their families, and were supported throughout their treatment at the FMIC. To reach these isolated families, La Chaîne de l'Espoir works with more than 15 partners in each province to create a strong referral network.

The Pavilion's organisational capacity, as well as the choice to prioritise complex, more costly treatments, seem to have stabilised the structure's activity level after years of steady increases in the number of surgeries. But for families and children, surgery remains a major stress factor, especially in an unfamiliar environment. It is for this reason that La Chaîne

de l'Espoir continues to take care of all their needs: transportation to and from their homes, accommodation, meals and ongoing medical monitoring.

In 2019, the Pavilion decided to focus on improving how these families are welcomed, through





the project's social and protection aspects. A procedure for addressing complaints was created, with a hotline and a dedicated mailbox, and more group discussion sessions for adults and children were held. Social workers recruited in the previous year prove their importance every day: several times a week, they gather the beneficiaries together to hold awareness sessions on hygiene, nutrition, and education as well as promoting gynaecological care for women, and other issues raised by the participants.

Children are also provided with educational and recreational activities to keep them entertained and distracted from their illness.

• 2020 Outlook

La Chaîne de l'Espoir will continue to welcome vulnerable Afghan women and children from across the country to the Pavilion to provide access to high-quality medical and surgical care at the FMIC. In January 2020, the waiting list was already long. More than 500 patients awaited surgery, mainly orthopaedic and cardiac. The steady increase in the number of women seeking gynaecological care is encouraging and allows us to hope the number of patients will continue to increase.

La Chaîne de l'Espoir continues to maintain strong ties with its local partners in order to ensure effective patient referrals and give patients the chance to benefit from the Pavilion's services.

4,430
beneficiaries



Activity:

Medical and social care for vulnerable women and children from all 34 provinces of Afghanistan

Coordination:

Élise Chaudron, Owen Brueil, Eva Nassery (Afghanistan), Sophie Tran (France)

Location: Women and Children's Pavilion, Kabul, Afghanistan

Funding:

La Chaîne de l'Espoir, Agence Française de Développement, Global Affairs Canada, Aga Khan Foundation, Karen Woo Foundation, Linda Norgrove Foundation, NCDA

West Africa

Programme
for prevention,
capacity building
and medico-surgical
management
of caustic
oesophageal
stenosis

30
beneficiaries
10
surgeries
2
projects



Caustic burns are most often accidental and are caused by children ingesting liquid or solid products containing very high doses of caustic soda. Domestic use of this highly toxic substance is widespread in the informal economy of West Africa. These activities mainly concern women in very low-income environments, particularly those involved in the artisanal manufacture of soap, dyeing, hairdressing and food preparation (food potash). These products appear similar to other, harmless products (water, sweets, flour, sugar, etc.) and are stored in unsecured containers or places, which do not allow them to be identified as dangerous.

In 2018, two surveys were conducted in Mali and Côte d'Ivoire among 1,600 users and sellers of caustic soda, as well as primary, secondary and tertiary healthcare workers and local public authorities. These studies revealed a real need to implement extensive prevention actions, to increase medical capacity at the primary and secondary levels and to create two reference centres for the surgical management of this disease in the sub-region.

In 2019, 2 training and care projects were successfully carried out at the Mère-Enfant Hospital (HME) in Bingerville, Côte d'Ivoire and at the Mali Hospital. Multidisciplinary volunteer teams made up of surgeons, gastroenterologists/endoscopists, anesthesiologists, and operating room and intensive care nurses were able to begin a transfer of skills to the local medical teams in these two hospitals. Together, they were able to treat 30 children. All of them were given a preoperative endoscopic checkup and 10 had oesophageal replacement surgery.

In close cooperation with their referring doctors, 8 children from Senegal, the Democratic Republic of Congo and Guinea-Conakry, along with a parent, were transferred and treated during these missions. Based on the successful results of these two missions and the institutional support in these two countries, La Chaîne de L'Espoir was able to draft and submit a request for co-funding for a three-year programme integrating preventive and medico-surgical aspects to the Agence Française de Développement (AFD).

This programme scheduled to start in January 2020, is a partnership with the Red Cross Côte d'Ivoire and the Terre des Hommes Foundation in Lausanne. They are in charge of the implementation of the prevention aspect of the project. La Chaîne de L'Espoir is focusing its efforts on supporting HM and HME through the training of medical teams and the medical and surgical treatment of children in the sub-region.

• 2020 Outlook

In Mali and Côte d'Ivoire, launch of the programme co-financed by AFD that provides for many prevention and awareness-raising activities as well as the organisation of 2 to 3 annual training and medical-surgical care projects. In addition to the Ivorian or Malian children who are referred, a dozen or so children from the sub-region will also benefit from a transfer for healthcare during these missions.



Medical specialities: Oesophageal surgery, prevention of domestic accidents

Coordination: Alexis Ponel

Medical experts:

Prof. Yann Révillon, Prof. Christophe Chardot

Locations:

Bingerville, Côte d'Ivoire, Bamako, Mali

Funding: La Chaîne de l'Espoir,

AGIRabcd non-profit organisation

120
beneficiaries

15
surgeries

2
projects

Programme to
support education
in specialist
paediatric surgery
in West Africa

West Africa



In West Africa, the population is very young, on average, 40% of the inhabitants are under 15 years old. Given Africa's projected population expansion to two billion by 2050, it is estimated that 85% of children in Africa will need various types of surgical care before the age of 15. There is therefore a growing need for paediatric surgery that can only be performed in specialised centres. However, paediatric surgery faces an acute shortage of surgeons, dedicated hospital facilities, and high-quality surgical care.

In 2014, there were an average of 3 paediatric surgeons per country in West Africa. In this context, La Chaîne de l'Espoir launched a programme to promote and support the teaching of paediatric surgery in West Africa. A number of actions were taken to support medical students enrolled in the Diploma of Specialised Studies in Paediatric Surgery (DES-CP) at medical universities in Abidjan, Côte d'Ivoire, Lomé, Cotonou, Benin, Dakar, Senegal, Ouagadougou, Burkina Faso and Conakry, Guinea-Conakry. Partnership agreements were signed with these institutions.

These DES-CP degrees are recognised by the African and Malagasy Council for Higher Education (CAMES) and their curriculum is standardised by the West African Health Organisation (WAHO).

In 2019, in close cooperation with La Chaîne de l'Espoir Belgium and under the aegis of La Chaîne de l'Espoir Europe, two new practical and theoretical seminars were held in Senegal, at the Albert Royer National Children's Hospital (CHNE), and in Côte d'Ivoire, at the Mère-Enfant Hospital (HME) in Bingerville.

There were approximately fifty participants for each seminar, all doctors in their 3rd and 4th year of the DES-CP programme, accompanied by their professors. The lectures focused on hepatobiliary surgery, mini-invasive techniques in paediatric surgery with 2 paediatric visceral surgeons, Dr Carmen Capito and Dr Naziha Khen-Dunlop, as well as paediatric orthopaedic surgeon Dr Younes Ouchrif, all from the Necker-Enfants malades Hospital in Paris. Finally, deviations of axes of the lower limbs was discussed with

Dr Robert Elbaum, a paediatric orthopaedic surgeon from CHIREC in Belgium. They were able to provide theoretical lectures and perform surgeries in the operating room that were broadcast and commented on live in the classroom. Furthermore, 15 children were treated free of charge during these seminars.

This year, 5 doctors studying for a DES-CP degree in Togo, Benin, and Côte d'Ivoire were given a scholarship that allowed them to continue their education under better conditions.

•2020 Outlook

2 teaching seminars will be held in Benin and Togo on the topics of spina bifida and club foot. Remote interactive surgery sessions that could not be implemented in 2019, will be launched during the 1st quarter of 2020 between Necker-Enfants malades Hospital and the HME in Bingerville.



Medical specialties: Paediatric visceral and orthopaedic surgery

Coordination: Alexis Ponel

Medical experts: Prof. Yann Révillon

Locations: Benin, Burkina Faso, Côte d'Ivoire, Guinea-Conakry, Senegal, Togo

Funding: La Chaîne de l'Espoir France, La Chaîne de l'Espoir Belgium

West Africa

Healthcare South-South Care

23
beneficiaries
20
surgeries
1
mission



In view of the large number of children from Africa waiting for surgical care, La Chaîne de l'Espoir aims to develop the number of options for local treatment. The Cuomo Cardio-Paediatric Centre (CCPC) in Dakar, Senegal (founded by our organisation and the Cuomo Foundation in 2017) now allow children with heart disease to be operated on in excellent conditions by national medical-surgical teams as close to home as possible. This "South-South" transfer and treatment programme therefore responds to this demand by promoting the successes of these centres and local teams.

- **Activities at the Cuomo Cardio-Paediatric Centre (CCPC)**

In 2019, 14 children were transferred to CCPC. They came from Guinea-Conakry, Burkina Faso, Guinea-Bissau, Côte d'Ivoire and Mali and were admitted into the surgery programme of Prof.

Gabriel Ciss' team. As far as possible, transfers are done with groups of 5 children from the same

country of origin, in order to facilitate scheduling and follow-up of surgeries.

- **Activities at the Salam Centre in Sudan (Emergency)**

2 children from Chad were transferred from N'Djamena to Khartoum in 2019. Their surgeries were a success, and they returned home to Chad where they are being monitored by teams from La Chaîne de l'Espoir and Emergency.

- **Support for medical-surgical teams in West Africa**

With its state-of-the-art cardio-paediatric surgery centre, the Senegalese team invites the transferred children's referring doctors to participate in the evaluation phases and surgery alongside them. Dr Adama Sawadogo, a cardiac surgeon, and Dr Farid Belem, a critical care anesthesiologist, from Ouagadougou, participated in the surgeries of the five children from Burkina Faso in July.

- **The Children's Pavilion in Dakar**

The Children's Pavilion in Dakar, Senegal, welcomes children and their caregivers in the pre- and post-operative phases of their stay. The coordinator, Samba Diop, and a nurse support the families throughout their five-week stay. Wellness activities were introduced this year.

- **2020 Outlook**

In 2020, an increase in surgical activity at the Cuomo Cardio-Paediatric Centre should allow nearly 60 children from the West African sub-region to undergo surgery in Dakar.

Support for local cardiologists will be implemented systematically in order to strengthen their diagnostic and patient monitoring capacities. Hygiene and health awareness workshops should be launched, at the Pavillon des Enfants in Dakar, to teach families good gestures and practices to be used when they return home.



Coordination:

Bertille Ortman

Medical experts:

Prof. Alain Deloche (France), Prof. Gabriel Ciss (Dakar)

Locations:

West and Central Africa (Senegal, Chad, Sudan)

Funding:

La Chaîne de l'Espoir, private partnerships

Bangladesh

1,103
beneficiaries
136
surgeries
10
projects



In 2019, Bangladesh was severely impacted by the effects of climate change that caused an increase in the number of natural disasters, such as floods. In the north of Bangladesh, the Char islands are constantly subjected to river flooding. The population lives in utter poverty, isolated from the continent, and survival is a daily struggle in this area that completely lacks infrastructure and public services.

Since 2014, La Chaîne de l'Espoir has been sending, consultation and training teams to this region as part of its partnership with Friendship, an NGO founded by Runa Khan in 2002, to provide medical services to the inhabitants of the Char islands. With floating hospital boats that move from char to char every two months, the isolated inhabitants of these islands are given access to consultations and minor surgery. In addition, La Chaîne de l'Espoir provided expertise in organising healthcare and training for local staff at the Shyamnagar Hospital opened by Friendship in 2018, in the south of the country.

The hospital now features a consultation service open from 8 a.m. to 8 p.m. It also boasts a 60-bed surgical department, a gynaecology department, and an emergency ward. In 2019, a total of 10 projects were carried out, including 5 surgical projects, 4 consultation projects, and 1 hygiene project, carried out on hospital ships and at the Shyamnagar Hospital. 22 medical and paramedical volunteers were sent by La Chaîne de l'Espoir. At Shyamnagar Hospital, 276 patients were seen in consultation. On the hospital boats, 827 consultations were carried out and 136 women and children were operated on.

• 2020 Outlook

La Chaîne de l'Espoir will continue to send surgical and consultation teams to the Char islands that will likely become increasingly vulnerable to the effects of climate change. Friendship plans to add 5 new boats to the fleet, including 4 dedicated to specialised surgery. La Chaîne de l'Espoir also plans to increase its support to the Shyamnagar Hospital in anticipation of the opening of a maternity ward.



Medical specialities:

Surgery, gynaecology, and cardiology

Coordination:

Françoise Monard

Medical experts:

Prof. Jean-François Mallet,

Prof. Pierre Hélarlot, Agnès Simon

Location:

Shyamnagar, Bangladesh

Funding:

La Chaîne de l'Espoir, private donors

Benin

445
beneficiaries
323
surgeries
6
missions

Health programmes



• Urological surgery programme

In line with the capacity-building programme launched in 2018 and focuses on managing visceral urological diseases, 2 new medical missions were organised in 2019. The 1st mission was led by Prof. Agnès Liard-Zmuda, from the Rouen University Hospital, to support the paediatric surgery department at the Hubert K. Maga National University Hospital (CNHU-HKM), led by Prof. Armand Fiogbé. This mission focused on improving the management of anorectal malformations. It included 40 consultations and surgery on 22 children.

The 2nd mission took place in November with the paediatric surgery department led by Prof. Séraphin Gbénou, at the Lagune Mother-Child University Hospital (CHU-MEL). This mission was led by Prof. Julien Rod, from the Rouen University Hospital, and Dr Nathalie Botto, from the Robert Debré Hospital in Paris. The activities and skills transfer focused on managing hypospadias.



In all, 25 children were operated on, out of the 40 who were seen.

• Reconstructive surgery programme

2 training and care missions took place in 2019 in collaboration with the CNHU-HKM burn unit. The first was led by Dr Julien Szwebel, a plastic surgeon practising in Paris, and Dr Leslie-Ann See, from the CHRU of Dijon. During this mission, 14 children received surgery, in particular for Keloids, toe deformities, and neurofibromatosis.

The 2nd mission was carried out by the team of Dr Dominique Hepner, a surgeon from the Solidarité Brûlés Nantes-Lomé non-profit organisation, who has been very active in Togo for many years and who has been involved with La Chaîne de l'Espoir in Benin since 2018. Dr Dominique Hepner was supported by a surgical nurse and a physiotherapist, allowing the team to respond more specifically to the needs identified for nursing care such as dressings, personal hygiene, better pain management, and recovery. The mission enabled the team to perform surgery on 9 out of the 10 children who were seen, particularly for congenital malformations, retractile scars after burns, and skin tumours.

• Health fair

Building on the success of the 1st health fair held in Porto-Novo, Benin in 2018 and based on those held in Togo, La Chaîne de l'Espoir sought to continue its support to allow children in rural Benin to benefit from free access to surgical care. The 1st health fair took place in June 2019 at the Department Hospital (CHD) in Abomey.

It was run by the CNHU-HKM paediatric surgery department team, under the direction of Prof. Michel Fiogbé with the support of Dr Émilie Langlais, anesthesiologist-intensive care physician at Rennes University Hospital. Thanks to this project, 506 children were seen and 138 of them were operated on.



The 2nd health fair took place at the Allada area hospital in September 2019, with the participation of the team from paediatric surgery department of CHU-MEL, under the direction of Prof. Séraphin Gbénou. Dr Charlotte Sgro, anesthesiologist-intensive care physician at Bordeaux University Hospital, was on hand to support the local medical team.

Over 6 days, 323 children were seen and 115 children were operated on. During these travelling surgical missions, the main diseases treated were hydroceles, hernias (umbilical, testicular, inguinal), after-effects of fractures and bone diseases.



These missions also allow medical students from the Diploma of Specialised Studies in Paediatric Surgery (DES-CP), under the supervision of their professors, to perform a certain number of surgical procedures to validate their practical training.

• **2020 Outlook**

2 new capacity-building missions for the benefit of burn victims will be organised at CNHU-HKM. After 3 years of intervention, an assessment of the service's empowerment objective will have to be carried out. The urological surgery programme will continue at CHU-MEL and CNHU-HKM and 2 new health fair missions will be held in provincial hospitals.



Medical specialities:

Reconstructive surgery, urological surgery, and general paediatric surgery

Coordination:

Alexis Ponel (France), Thomas Dietrich (Togo)

Medical experts:

Dr Julien Szwebel, Prof. Agnès Liard, Prof. Yann Révillon

Locations:

Lagune Mother-Child University Hospital (CHU-MEL), Hubert K. Maga National University Hospital (CNHU-HKM), Cotonou, Benin

Funding:

La Chaîne de l'Espoir, Rotary Club of Dijon Gevrey Chambertin, Solidarité Brulés Nantes-Lomé

Benin

More than 100
child beneficiaries

School health programme



La Chaîne de l'Espoir launched a programme to support access to schooling for disadvantaged children in Benin in 2011. This was done within the framework of a partnership programme with the NGO Bien-Être et Développement (B.E.D.).

This organisation has worked for more than 20 years in various fields to support a disadvantaged population, particularly in the education field, within two primary schools and a secondary school in the Hévié region, where most of its energy has been focused.

In coordination and agreement with B.E.D., this partnership came to an end in 2019. We are happy with the results and accomplishments we were able to achieve, thanks to this partnership that lasted more than 8 years.

In particular, this partnership made it possible to equip the nursery school in Dossonou and make significant improvements to its environment through the creation of an educational garden, among other things.

In addition, throughout this partnership, more than 100 children benefited each year from nutritional support consisting of cereals such as rice, maize, and sorghum, awareness-raising sessions on child protection and non-violence, as well as artistic workshops.

The B.E.D. organisation and the school community send their strong and sincere thanks to La Chaîne de l'Espoir and its donors for this consistent support to help so many children. We will continue to be in touch with B.E.D. and stay informed of the actions now being carried out on their own.

• 2020 Outlook

The programme on school health issues, developed in Togo in 8 schools, is increasingly seen as a model that could be used in Benin. In 2020, we will study the feasibility of replicating it, in view of the constraints and opportunities of the Beninese social, political and institutional context.



Activity:

Schooling assistance

Coordination:

Alexis Ponel (France), Thomas Dietrich (Togo)

Partner:

NGO Bien-Être et Développement (Benin)

Location:

Hévié, Benin

Funding:

La Chaîne de l'Espoir



Burkina Faso

Integrated management of children with noma and maxillofacial diseases



In Burkina Faso, diseases and malformations of the face, including noma, are poorly understood both by the population and by medical and paramedical teams. Noma is an infection of the face that occurs after simple untreated gingivitis. It kills 80,000 children every year. This "disease of poverty" destroys tissue, leaving a gaping hole in the face.

A lack of knowledge about these diseases is compounded by the weight of superstition. Sick children are often stigmatised, socially excluded, and sometimes rejected by their families and taken out of school. In coordination with its partners, thanks to co-funding from the Agence Française de Développement, La Chaîne de l'Espoir launched a programme in 2018 for the prevention and integrated care of patients suffering from these diseases.

Through awareness-raising and prevention activities for populations and civil society, as well as training of local teams and surgical care, this programme aims to provide a sustainable



2,283
beneficiaries

57
surgeries

1
mission

response to noma and facial pathologies in Burkina Faso. The sudden increase in violence in the region has been compounded by an unprecedented humanitarian crisis that is gradually spreading to all parts of the country. This rapid deterioration of the situation is making it increasingly difficult to implement programme activities in all 4 target regions (La Boucle du Mouhoun, North, North-Central, and Central).

In 2019, training and awareness-raising activities took place in all three regions of the North, North-Central, and La Boucle du Mouhoun.

Our non-profit partner, Sentinelles, carried out awareness sessions in 112 Health and Social Promotion Centres (CSPS) across the three target regions, training a total of 265 healthcare workers to detect noma and facial malformations and pathologies, provide appropriate care, refer advanced cases to reference medical centres and, above all, to the programme's teams for immediate care of urgent cases.



In 2019, this meant that head nurses (ICPs), who had benefited from this training, repeatedly reached out to project teams for immediate care of children suffering from recent cases of noma, acute malnutrition, or who were at risk in their communities.

Burkina Faso's community radio station, La Voix du Paysan, continued to lead outreach activities throughout 2019. These activities mainly concerned the North-Central region. Advocacy sessions were held with cultural and religious leaders in 20 of the project's target villages in the Kaya health district, reaching 1,875 people, including 903 men, 731 women,

and 241 children. Messages to raise awareness and engage with leaders were recorded in each village and broadcast on the radio. However, a range of activities planned in the Kaya district, including theatre performances, radio contests, and advocacy sessions, could not be carried out due to the deterioration of the security context in the area. Community relays trained on facial diseases and deformities have nevertheless continued their awareness-raising activities in the villages through discussions. Broadcasting of the outreach mini-programmes continued throughout 2019 on all of our partner radio stations, allowing us to reach a wide audience.



Medical specialities:

Maxillofacial and plastic reconstructive surgery

Coordination:

Jennifer Navarro (Burkina Faso),
Kevin Ninkeu (France)

Medical expert:

Prof. Narcisse Zwetyenga (France)

Locations:

North, Centre-North, and La Boucle du Mouhoun and Centre, Polyclinique Notre Dame de la Paix, Ouagadougou, Burkina Faso

Partners:

Sentinelles Foundation, Bilaadga, La Voix du Paysan community radio, Ensemble Pour Eux

Funding:

Agence Française de Développement, Sentinelles Foundation, La Chaîne de l'Espoir

Led by a team of volunteers from La Chaîne de l'Espoir, a medical-surgical mission took place in May 2019. This allowed us to offer 86 consultations and provide surgery to 57 patients with noma, cleft lip, and palate or facial tumours. All these activities were run in partnership with local teams, who benefited from practical training in addition to theoretical training, with daily courses taught to surgical interns during the mission. The Bilaadga and Sentinelles partner facilities took charge of the pre- and post-operative stays of all the patients, providing them with the necessary treatment.

• **2020 Outlook**

This project is entering its 3rd year and plans to continue all the activities already in progress. However, the continuing deterioration of the security situation represents a real challenge to continued action in certain regions.

9
beneficiaries
7
surgeries
1
mission

Support for
the development
of paediatric
cardiac surgery

Burkina Faso



Cardiovascular diseases account for 12% of deaths in Burkina Faso annually. The prevalence of congenital heart disease in the country is estimated at 6,827 new cases each year.

In addition to these congenital heart diseases, there are also acquired or rheumatic heart diseases, caused by poor hygiene conditions and unsafe food and water, which have almost completely disappeared in developed countries. And yet, to date, there is no cardiac surgery service in Burkina Faso despite the permanent and growing need, especially among children. Access to healthcare, hampered by partial and almost non-existent social protection, remains extremely limited, especially for the most disadvantaged. To address this issue, there is a shared desire to create a cardiac surgery department within Tengandogo University Hospital in Ouagadougou, the capital of Burkina Faso.

In this context, La Chaîne de l'Espoir offers a programme to support the development of paediatric cardiac surgery. This programme focuses on advanced technical support and improving the skills of the medico-surgical teams so that, in the long term, this department will be able to become completely independent, both for closed-heart surgeries and much more complex open-heart surgeries.

In 2019, children with heart conditions that could not be operated on in Burkina Faso were evacuated to facilities with the necessary medical and surgical expertise. Thus, for the 1st time, 5 Burkinabe children were operated on at the Cuomo Cardio-Paediatric Centre (CCPC) in Dakar, Senegal, and housed at the Children's Pavilion, strengthening South-South cooperation between West African countries. 8 children were transferred to France for surgery in La Chaîne de l'Espoir partner hospitals.

A mission to support the closed-heart surgery teams at Tengandogo University Hospital was led by Prof. Gabriel Ciss, head of the cardiac surgery department at the CCPC in Dakar. This mission allowed them to care for 7 patients who received treatment for persistent ductus arteriosus. Two Burkinabe doctors completed a two-month

training course in 2 hospitals in Vietnam, where the diseases and types of patients treated are similar to those in Burkina Faso. In addition, a training course for a perfusionist and 3 nurse supervisors was organised with the cooperation of Clermont-Ferrand University Hospital.

In December 2019, a technical support mission was carried out to assess the current situation in terms of quality of care, hygiene, equipment, biomedical maintenance and supply management, with a view to preparing for the 1st open-heart cardiac surgery mission in 2020.

• 2020 Outlook

In 2020, La Chaîne de l'Espoir and its partners are seeking to create a real dynamic of cardiosurgical care, by providing essential equipment and creating a regular schedule of technical, medical, and surgical support missions.



Medical speciality:

Paediatric cardiac surgery

Coordination:

Jennifer Navarro (Burkina Faso),
Kevin Ninkeu (France)

Medical experts:

Prof. Lionel Camilleri, Dr Adama Sawadogo

Location:

Tengandogo University Hospital,
Ouagadougou, Burkina Faso

Partners:

Tengandogo University Hospital, Clermont-
Ferrand University Hospital, Safe Heart Onlus

Funding:

La Chaîne de l'Espoir

Cambodia



Support for
cardiopaediatrics
and paediatric
cardiac surgery,
neurosurgical
support

4,006
beneficiaries

45
surgeries

2
projects

La Chaîne de l'Espoir has been supporting the development of paediatric surgery since 2001 in Cambodia, the year the Calmette Hospital Cardiology Centre was built. This means we have spent almost 20 years working on improving the local healthcare system. This is even more if we count the years of partnership preceding its establishment, which that allowed us to assess the hospital system, nearly non-existent at the time, to meet with state actors willing to support cardiac surgery, and to identify surgeons and nursing staff seeking to receive training in this speciality.

Cambodia has come a long way in 20 years and its growth has steadily exceeded 7% per year in recent years, which was still the case in 2019. However, out of a population of 16 million inhabitants, 80% live in rural areas where poverty is still widespread and the population is faced

with basic daily issues including difficult access to water and electricity, lack of transport, and public infrastructure. Spending on education and health is still ridiculously low for a large number of agricultural day labourers, who are subject to the vagaries of harvests.

Progress is still an illusion for these people who live far from the capital.

In 2019, La Chaîne de l'Espoir continued to provide financial support to the Calmette Hospital Cardiology Centre to give access to care to marginalised populations who cannot afford expensive surgeries. Our organisation's support made it possible to provide 4,006 free consultations for underprivileged patients, including electrocardiograms, cardiac ultrasounds and regular drug treatments for those who are subject to long-term illness. Similarly, 41 young patients received heart surgery free of charge thanks to our financial support.

Remote consultations using our echoes® system also continued to provide young patients with advice from expert doctors based in France, and who can be contacted directly during their ultrasound examinations in Phnom Penh.

At Kantha Bopha Hospital, La Chaîne de l'Espoir continued to improve the technical skills of the cardiology and cardiac surgery teams at Siem Reap Hospital, as it has been doing since 2012, and the local team has become nearly independent there, except for some patients with very low body weight. But the main innovation in 2019 was the inauguration, on August 1st, of new buildings at the Kantha Bopha facility in Phnom Penh that include a state-of-the-art technical platform to develop cardiac surgery.

The new operating room allows cardiac, orthopaedic, and neurosurgical procedures to be performed.





There are 20 beds available for recovery. Prof. Ladin, a senior surgeon from Siem Reap who was trained by La Chaîne de l'Espoir through the many missions led by Prof. Gerard Babatasi, goes there one week a month with his team. They can operate on two children per day and train the capital's junior surgeons. The training he received through our organisation in Siem Reap can cascade down to other healthcare providers.

Concerning neurosurgery, two missions took place at the Kantha Bopha Hospitals in Siem Reap and Phnom Penh. Here too, the opening of this new operating room will breathe new life into this speciality, as it will make it possible to operate on children on-site, instead of making them travel as far as Siem Reap, 300 kilometres away. In this new building, a medical-surgical intensive care unit has been created, with a new team of doctors and paramedical staff. This intensive care unit has a double specialisation, both cardiological and neurosurgical.

The December 2019 mission made it possible to launch a training partnership for these new intensive care providers specialised in neurosurgery and traumatology. We plan to lead two missions per year to continue their training. In addition, complicated cases are now discussed online with the medical-surgical paediatric neurosurgery team. Very small children with large brain tumours were operated on under optimal conditions. The team of paediatric neurosurgeons-in-training has grown with the addition of two young new surgeons.

• 2020 Outlook

A tripartite partnership is set to be signed between La Chaîne de l'Espoir, the Calmette Hospital, and the Kantha Bopha Foundation to improve the circuit of cardiac patients in Phnom Penh, who will now be able to benefit from two reliable facilities, and will go to one or the other of the establishments, depending on their disease. Our support for neurosurgery will also continue, now mainly focused in Phnom Penh.



Medical specialities:

Paediatric cardiology, cardiac surgery, and paediatric neurosurgery

Coordination:

Nathalie de Sousa Santos

Medical experts:

Prof. Gérard Babatasi, Prof. Antoine Lafont, Prof. Didier Scavarda

Partner:

Kantha Bopha Foundation

Locations:

Phnom Penh and Siem Reap, Cambodia

Funding:

La Chaîne de l'Espoir, private donors

Côte d'Ivoire

70
beneficiaries
6
missions

Support for Dominique Ouattara Mother and Child Hospital



2019 is the first full year of operation of the Dominique Ouattara Mother and Child Hospital in Bingerville, near Abidjan, which was inaugurated in March 2018.

La Chaîne de l'Espoir has been involved with this facility from the outset, when it was merely a project for the First Lady of Côte d'Ivoire, who first initiated it.

Since 2014, La Chaîne de l'Espoir has been working to support the medical team and local experts on every aspect of this project: the medical project, architectural project, oversight of construction and installation of equipment, economic organisation, organisational chart, job descriptions, and training.

La Chaîne de l'Espoir focused its efforts in 2019 on this last, very important aspect. As this hospital is a level-three facility, meaning it is a reference for patients, where they will find the best doctors

and the most efficient technical platforms in the country, the level of medical care must be excellent and the range of training topics must be broad. The range of training topics offered has been broad. Many missions took place over the year with the aim of transferring capacity to local teams, improving protocols, and providing new care techniques.

Anesthesiologists went to the site to work, for example, on the ultrasound-guided location of nerves for local-regional anaesthesia and the location of vessels for the placement of central venous pathways.





A cardiologist taught the team about using cardiac ultrasound in the ICU. Gynaecologist-obstetricians and midwives helped improve the skills of the maternity ward's multidisciplinary teams in hysteroscopy (examination of the uterus for diagnostic or operative purposes). In addition, ultrasounds were covered, as they are essential not only during pregnancy but also during childbirth.

This is also why our echoes® remote obstetrical ultrasound programme was tested in 2019, with the intention of having complete deployment in 2020. A neonatologist trained the team in non-invasive ventilation to manage respiratory distress in newborns.

A biologist also led a highly appreciated mission on antibiotic therapy to help doctors better manage administration of antibiotics depending on the disease and the age of the patient. Our oesophageal stenosis management programme led a mission to make this facility the leading hospital in the entire sub-region for this disease that requires very complex surgical and anaesthesia-intensive care procedures. A training session for the Diploma of Specialised Studies in Paediatric Surgery was also held in Côte d'Ivoire. In these two cases, many professors and students in paediatric surgery from neighbouring countries were able to come to the site through the support

of La Chaîne de l'Espoir, clearly demonstrating this new hospital's leading role in the health map of West Africa.

• **2020 Outlook**

Our training programme will continue, with various missions on gynaecology-obstetrics (vaginal surgery, instrumental extraction, pain management, etc.), anaesthesia, complex surgery or cardiopediatrics.



Medical specialities:

Maternal health, paediatrics, and surgery

Coordination:

Nathalie de Sousa Santos

Medical experts:

Prof. Yann Révillon, Jean-Michel Muray, Sophie Guillaume

Partner:

Children of Africa Foundation

Location:

Abidjan, Côte d'Ivoire

Funding:

Children of Africa Foundation

Cuba

296
beneficiaries
46
surgeries
3
missions

Support for paediatric surgery



La Chaîne de l'Espoir has been active in Cuba for ten years. Its activities focus on improving paediatric general surgery, and urological surgery in particular. Our support work is carried out through the long-term missions of Prof. Jose Uroz Tristan, former head of the paediatric surgery department of the Las Palmas de Gran Canaria hospital, who spends almost 6 months a year in Cuba. This training programme took place in 2019 in the country's largest cities, mainly involving the university hospitals of Havana and Ciego de Avila.

2019 was a year of consolidation for La Chaîne de l'Espoir. After creating and equipping two minimally invasive surgery training centres in Ciego de Avila (Antonio Luaces Iraola Hospital) and Havana (William Soler Hospital) in 2018, training started on July 5, 2019. More than 50 young paediatric and general surgeons were trained on the video-assisted surgery simulators during six theoretical and practical sessions. From June 30 to July 3rd, the 4th national symposium on paediatric surgery took

place in Varadero, supported by our organisation both in terms of funding and organisation. This event was a huge success. It gave 84 surgeons from across the country the opportunity to meet and share ideas, and our organisation was able to fund their participation, room rental costs, and logistics. This type of gathering is vital to encourage debate and study new practices among Cuban surgeons, due to their inability to travel to foreign countries. On this occasion, a guide to clinical practices in paediatric surgery was produced and the paediatric surgery society was able to elect a new board. The group's website can be found at the following link:

<https://especialidades.sld.cu/cirpediatrica/>

36 surgical protocols were studied and discussed, such as those concerning neonatal surgery, oncology surgery, trauma management, abdominal surgery, congenital malformations, and digestive, gynaecological and urological conditions, among others. These guides can be used as a working tool for paediatric surgeons, especially newer ones. The symposium was also attended by foreign specialists invited to the event, including Dr Juan Carlos de Agustín Asensio, current President of the Spanish Society of Paediatric Surgery, and Dr Raimundo Beltrá Picó, a paediatric surgeon from Las Palmas Hospital in Gran Canaria and an honorary member of the European Society of Paediatric Endoscopic Surgery.



Medical speciality:

Paediatric surgery

Coordination:

Nathalie de Sousa Santos (France)

Medical expert:

Prof. Jose Uroz Tristan (Cuba)

Locations:

Havana and Ciego de Avila, Cuba

Funding:

La Chaîne de l'Espoir



Haiti

School health programme



Since the earthquake that devastated Haiti in 2010, La Chaîne de l'Espoir has worked to help children return to school alongside its partner, the *Paradis des Indiens* Foundation, in the southwestern part of the country. Each year, the organisation has helped the 2,500 students in 9 primary schools pursue their studies under better material and teaching conditions.

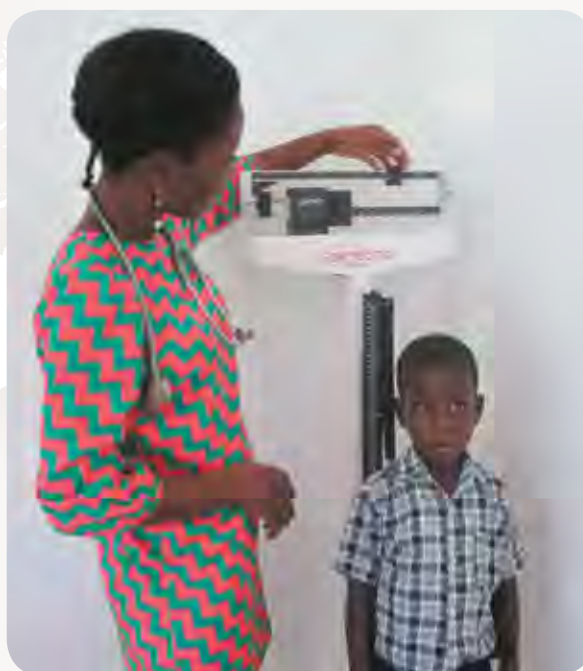
After Hurricane Matthew decimated this part of the island in 2016, La Chaîne de l'Espoir continued to provide support to schools, renovated the damaged health centre, and put in place a medical team consisting of a doctor and two nurses. This health centre has provided access to healthcare for four years in a very poor area, where almost no health facilities are available and easily accessible.

In addition to providing acute care requiring regular attention, La Chaîne de l'Espoir developed a school health programme in early 2017 for all of the children at these schools.

This programme, established in all of the schools, includes:

- Ophthalmologic screenings for all children, during a systematic annual medical consultation, where they can receive preventive treatment against intestinal parasites causing anemia, and vitamin A, which helps to fight against ocular diseases such as blindness and corneal opacification. These screenings for poor vision, which are an obstacle to proper schooling, were the organisation's priority this year.
- Screening tests of learning abilities in children aged 4 to 5 years old, in kindergarten, to assess language, articulation, understanding of simple instructions, psychological behaviour, and psychomotor development, as well as a hearing test. These tests are done by the teachers themselves after they were trained. The on-site doctor supervises the results and the proper conduct of the tests. The doctor takes over to have the specialised examinations carried out

2,500
beneficiaries





to establish a specific diagnosis and organise its treatment. All the data is gathered in a comprehensive database to facilitate monitoring by La Chaîne de l'Espoir.

- Awareness-raising activities for children, which are part of the health education component of the project, are run by the medical and paramedical team. They focus on hygiene, nutrition, sexual and reproductive health, the importance of vaccinations, prevention of domestic accidents, and child protection.

The teachers and parent organisations were also involved in the school health project run by La Chaîne de l'Espoir, through these health awareness workshops.

2019 results:

- All the children were examined and all of the kindergarten assessments were carried out.
- 175 children had a visual abnormality, i.e. 8.35% of the children.



Activities:

Education, healthcare and prevention

Coordination and medical expert:

Dr Laurence Boutin (France)

Partner:

Paradis des Indiens Foundation (Haiti)

Location: Commune of Abricots, Grand Anse Region, Haiti

Funding:

La Chaîne de l'Espoir, UNOSEL

- > 14.28% 3 to 5 year olds (25 children)
- > 38.86% 7 to 9 year olds (68 children)
- > 46.8% aged 10 years and over (82 children)
- 3 children with cataracts were treated in Port-au-Prince and received surgery in June from Dr Maingrette of the ORLO Foundation.

2020 Outlook

In a country that has been gripped by a socio-political crisis for many months, La Chaîne de l'Espoir aims to reinforce its actions in school health:

- By extending its network of specialists to provide better care of children in terms of hearing, dental, and psychological care.
- By supporting the ORLO Foundation, our ophthalmological partner takes care of ophthalmic diseases and trains nurses to do vision screening in schools.



40
beneficiaries

2
projects

Specialisation of paediatric nurses (SIPHA)

Haiti



In a country that has been gripped by a socio-political crisis for many months, 2019 was particularly difficult for our programme's ongoing continuation. Nevertheless, the 3rd cohort of the Specialisation programme for paediatric nurses (SIPHA) was still able to start on March 1st, 2019 with 40 students enrolled. This was a great success and a reflection of this unique programme's strong reputation in the country. Indeed, the training curriculum for nurses in Haiti does not offer a specialisation in paediatrics, so nurses do not have specific knowledge related to children's health. This programme was designed to educate healthcare providers on these essential topics. Nurses trained through the SIPHA programme will be able to contribute to the quality of care offered to Haitian children.

In 2019, the training took place at Quisqueya University, the University of Medical Sciences of Port-au-Prince, in collaboration with and under the supervision of INPHA and La Chaîne de l'Espoir. All the Haitian instructors (doctors and nurses) decided to continue their participation in the programme with enthusiasm, despite the general economic difficulties. The academic curriculum was extended to 18 months, instead of 16, including the theoretical and practical portion with hospital work placements. During this session, each week of classes is followed by a period of immersion at the hospital in the paediatric speciality taught. 2 missions were led by our French team, to update the curriculum with local actors, enrich it with the country's updated medical/epidemiological specificities, and to adapt it based on the feedback and remarks from previous years' students.

The Haitian Ministry of Health welcomes this comprehensive training that aims to reduce child morbidity and mortality in Haiti and improves the skills of health workers in providing quality healthcare for children. This training has proven to be extremely relevant for the country's hospitals and patients, as all of the students from the 2 previous cohorts, i.e. 60 nurses, are still working in the various paediatric wards where they have found employment, all over the country, and

the majority of them were able to develop their speciality within their health establishment. Two of them were able to receive training in education and tutoring in order to offer better conditions for all the new students on their work placement sites.

• 2020 Outlook

- Wrap-up of the 3rd year of training of the SIPHA programme and graduation of the 40 new nurses trained.
- Preparation and implementation of the curricula of the 3 future sub-specialities for the 4th cohort: neonatology, intensive care, and school health.
- Preparation of specific and intensive support for the paediatric nursing staff of the new university hospital in Port-au-Prince when it opens.



Medical speciality:

Paediatric training

Coordination:

Dr Laurence Boutin (France)

Medical experts:

Dr Laurence Boutin, Prof. Olivier Goulet,
Prof. Yann Révillon, Brigitte Perroux

Partner:

Necker Paediatric Institute in Haiti (INPHA)

Location:

Port-au-Prince, Haiti

Funding:

Agence Française de Développement,
La Chaîne de l'Espoir

India

1,350
beneficiaries
1
mission

School health



For more than 8 years, La Chaîne de l'Espoir has been working in the slums of Jaipur, the capital of Rajasthan, to try to keep the most vulnerable children from being exposed to the dangers of the street. This programme is based on the expertise of a local organisation, Taabar, meaning "child" in Rajasthani that has been working in child protection for many years. Today, the many actions carried out allow us to provide care for more than 1,350 children. These actions include 5 daycare centres in the most impoverished areas of Jaipur, a mobile clinic, a school for girls and, finally, medical and social initiatives for isolated populations.

In 2019, to keep children from being exposed to the dangers of the street when they leave school, the daycare centres provided children from the slums of Jaipur not only with a comfortable environment, healthy food (one meal a day for each child), and personal hygiene kits, but also teachers to help them with their homework.

Furthermore, each child's personal development is very important. Many activities were therefore put into place to encourage creativity: drawing, painting, and dance classes, etc.

The mobile clinic continued to travel the streets of Jaipur's slums, season after season. It also visited the daycare centres, the girls' school, and some isolated communities in the region on a daily basis to care for children.

They are prescribed medication and also have the sympathetic ear of a social worker they can ask for advice and talk to about certain traumas. In 2019, more than 25,000 consultations were provided to more than 5,000 beneficiaries. The girls' school in the Luniyawas district on the outskirts of Jaipur allowed 200 girls to attend school and escape the dangers of the street. 10 teachers who work in 2 daily sessions (morning and afternoon) allow all the children to be welcomed during the day. The schoolgirls also take part in extra-curricular activities and receive help with their homework.

• 2020 Outlook

La Chaîne de l'Espoir wishes, along with its partner Taabar, to continue working to support school health and the well-being of vulnerable children in Jaipur, and to develop health prevention campaigns in the centres and in the neighbouring schools, particularly for girls, who are the most at risk from the dangers of the street.



Activity:

School health

Coordination:

Vincent Perrotte (France),
Taabar NGO (India)

Location: Jaipur, India

Funding:

La Chaîne de l'Espoir, private donors



Iraq

Renovation of an operating room to strengthen Sinjar's health care system



On the occasion of a joint trip to Iraq in February 2019, La Chaîne de l'Espoir and the French government's Crisis and Support Centre (CDCS) decided to launch a joint hospital project to support the reconstruction of the city of Sinjar. This city is the historical home of the Yazidi people, who suffered greatly at the hands of the Islamic State. Following a promise made by the French President, Emmanuel Macron, to Nadia Mourad, the co-laureate of the 2018 Nobel Peace Prize, it was decided that the CDCS would provide financial support to La Chaîne de l'Espoir in the construction of part of the future general hospital. The Nadia's Initiative Foundation was also involved in supporting the organisation with this project as its main partner.

2019 saw the completion of the 1st phase of the project, a transitional emergency phase. Financed by the CDCS in its entirety, its

objective was to build and equip an operating room within the only healthcare facility still currently operating in Sinjar.

This 1st construction project includes a multi-purpose operating room, an obstetrics unit, and a sterilisation unit, as well as consultations, offices and support services. At the same time, this phase was used to conduct preliminary studies to prepare for the construction of the various parts of the Sinjar General Hospital that will continue in 2020.

Under the direction of the Infrastructure and Equipment Department at the head office and the field office in Dohuk, the activities





were entirely the result of the hard work and professionalism of local companies and service providers. This was a deliberate choice made by La Chaîne de l'Espoir to help contribute to the region's economic recovery and to facilitate the adoption of the project at the local and national level. This operating room will be managed by the Director of the Health Care Centre, who is himself part of the Iraqi regional healthcare scheme. On February 4, 2020, the operating room was inaugurated at the site of the future Sinjar Hospital. In the presence of Dr Eric Cheysson, President of La Chaîne de l'Espoir, Bruno Aubert, French Ambassador to Iraq and Abid Shamdeen, the representative of the Nadia's Initiative Foundation, officials from the Ministry of Health of Iraq (MOH) and its Regional Directorate (DOH), this 1st official ceremony launched the start of the construction on the hospital site.

• **2020 Outlook**

To support the launch of the operating room, La Chaîne de l'Espoir and CDCS agreed to

supplement the salaries of local medical teams with compensation tied to the reopening of the activity. Furthermore, La Chaîne de l'Espoir is planning medical support missions in 2020 to provide expertise and assistance to local professionals.

These missions will notably seek to reinforce best practices in terms of hygiene, as well as the use of the different types of equipment in the operating room.

Work on the construction of the hospital is set to begin, following the recruitment of an Iraqi general contractor consisting of a company, an architect, and a design office. With the support of the CDCS for the construction of the hospital and the European Union's Madad Fund for the supply of the equipment, La Chaîne de l'Espoir's mission will be to set up the 1st module designed to treat men, women, and children of all ages. The module will include a women's health and paediatrics unit and will also be designed to offer outpatient consultations, medical imaging, a laboratory, a pharmacy, and the first logistics and energy units in the hospital.

With an estimated budget of €6.5 million, the work during this phase will be done entirely by local companies. They will be assisted by a Project Management Assistance (PMA) team comprising an architect and design office based in France, as well as medical, engineering and biomedical experts from La Chaîne de l'Espoir.

Several missions will support the day-to-day monitoring carried out by the team in the field.



Head of the Infrastructure and Equipment

Department: Elsa Negre

Coordination: Mathilde Lachaud

Medical expert: Dr Catherine Amrein

Partners: Nadia's Initiative Foundation, Ministry of Health of Iraq, Regional Directorate of Health

Location: Sinjar, Iraq

Funding: Crisis and Support Centre of the French Ministry of Foreign and European Affairs, La Chaîne de l'Espoir

36
beneficiaries

35
surgeries

3
missions

Orthopaedic
surgery and
cardio-paediatric
surgery

Iran



In June 2007, Maryam Marashi created Zanjireh Omid (La Chaîne de l'Espoir in Iran), under the aegis of La Chaîne de l'Espoir France, to provide quality care in cardiac, orthopaedic, and plastic surgery to children from the poorest families.

More than 6,800 vulnerable children were treated since 2007 in one of the 9 hospitals in Tehran that Zanjireh Omid has partnered with. Every year, La Chaîne de l'Espoir sends specialised paediatric surgery missions to Iran to train local surgeons in the most complicated and innovative surgeries and also invites Iranian surgeons to France to train them.

In 2019, La Chaîne de l'Espoir had planned to send 9 missions to Iran. Due to the worrying situation in Iran, 3 missions of specialized pediatric surgery were able to leave to operate on a total of 35 children: 2 missions of orthopedic surgery and 1 mission of cardiac surgery.

These missions enabled Iranian surgeons to become specialised in specific recent techniques, particularly in cardiac surgery for very small children. An Iranian trainee was also welcomed to France and taken under the wing of surgeons at the



Georges Pompidou European Hospital and the Necker-Enfants malades Hospital in Paris to deepen his knowledge.

In 2018, Maryam Marashi also launched the construction of a 540-bed paediatric hospital in Tehran, on land provided by the Ministry of Health of Iran.

The hospital will consist of 2 parts: the 1st part will provide general surgery and the 2nd will focus on specialised paediatric surgery. La Chaîne de l'Espoir will provide its expertise to support this project.

• 2020 Outlook

The current political, economic, and security situation does not allow La Chaîne de l'Espoir to plan new missions at this time. The organisation will continue to support Maryam Marashi by hosting Iranian doctors and will once again send missions to the country as soon as possible.



Medical specialities:

Orthopaedic surgery,
cardio-paediatric surgery

Medical expert:

Dr Philippe Valenti

Coordination:

Françoise Monard

Location:

Tehran, Iran

Funding:

La Chaîne de l'Espoir

Jordan



Access to medical-surgical care in paediatrics, cardiology, and orthopaedics

1,580
beneficiaries
142
surgeries
8
missions

Jordan is host to some 745,000 refugees and asylum-seekers, including more than 650,000 Syrians registered by the United Nations High Commissioner for Refugees (UNHCR). 49.8% of them are children, and 93% live below the poverty line. It is estimated that only 30,000 Syrian refugees returned to Syria from Jordan in 2019.

Despite the resumption of public grants for primary care, access to secondary and tertiary care is extremely limited for refugees, and is dependent on humanitarian organisations, the availability of UNHCR funds, and the priority given to certain diseases. Congenital conditions are neglected, for the most part. Children with congenital conditions have a reduced life expectancy and/or are at risk of developing a disability. Every year, 4,000 children are born in Jordan with a heart defect, 400 are born with club foot, and up to 9,000 are born with a hip instability that can lead to dislocation.

In 2019, La Chaîne de l'Espoir renewed its partnership with the European Union - Civil Protection and Humanitarian Aid (ECHO) that allows it to ensure access to medical and surgical care for children and young adults suffering from orthopaedic conditions or heart malformations. As a result, nearly 750 children and young adults were seen in consultation, 142 had surgery.

La Chaîne de l'Espoir continued to expand its global outreach through its referral network with all actors of the healthcare system; early detection campaigns to avoid exorbitant health costs, complications and the development of disabilities (47 children received early, non-invasive treatment); awareness-raising for healthcare staff (315 people involved); and psychosocial support for patients and their families (more than 200 people in total).

• 2020 Outlook

La Chaîne de l'Espoir will continue its work with refugees and Jordanian children and young adults while increasing its early detection work within the public health services and improving the capacity of healthcare workers. In addition, La Chaîne de l'Espoir will expand its advocacy actions to promote equal access to medical and surgical care for the most vulnerable.



Medical specialities: Paediatric, orthopaedic and cardiac medical-surgical care, early detection, and psychosocial support

Coordination: Elena Cristini (Jordan), Lucie Dechifre (France)

Medical experts: Prof. Jean-François Mallet, Dr Sylvain Chauvaud

Partners: Cadéia da Esperança, Ministry of Health, national and international NGOs

Locations: Amman, Mafraq and Irbid, Jordan

Funding: European Union - Civil Protection and Humanitarian Aid, La Chaîne de l'Espoir



230
beneficiaries
25
surgeries
1
mission

Support
for theoretical
and practical
training in
paediatric visceral
surgery

Laos



After an exploratory mission in 2011, the support programme for paediatric visceral surgery in Laos was launched in 2013. It has enabled three Laotian surgeons and their paediatric and neonatal surgery teams to increase their independence through 17 support missions. This support allowed one of the surgeons, Dr Vongphet Soulithone, to achieve almost complete autonomy, and he is now able to train other surgeons. However, it is still necessary to consolidate what has been learnt and to support the implementation of training activities.

In 2019, only one of the two initially planned surgical support missions took place. This mission made it possible to see 200 children in consultation and to provide surgery for 25 of them, who suffered mainly from digestive diseases and tumours. It also contributed to improving the skills of 5 Laotian doctors, including 3 surgeons and 2 anesthesiologists.

• **2020 Outlook**

In 2020, the aim is to consolidate the achievements of the teams in Vientiane (through 2021) and to initiate a similar programme in the city of Luang Prabang with a view to increasing the range of

paediatric visceral surgery services in Northern Laos. Previous missions allowed us to note that most of the indigent patients came from this region. In this part of the country, the largest city, Luang Prabang, has the only hospital in the entire region (approximately 3 million inhabitants) with a very limited offer of healthcare services in terms of paediatric surgery due to a lack of trained staff.

The Lao Friends Hospital for Children is a facility dedicated to paediatrics that was built within the Luang Prabang Hospital in 2015. This centre has the infrastructure and equipment to support paediatric surgeries but does not have a paediatric surgeon.

There are 3 general surgeons who practice there, but with limited capacities. The local health authorities request support for their medical and surgical staff in paediatric visceral surgery to better meet the needs of the population.



Medical speciality:

Paediatric visceral surgery

Coordination:

Kevin Ninkeu

Medical expert:

Prof. Pierre Hélardot

Partner:

Children's Hospital

Location:

Vientiane, Laos

Funding:

La Chaîne de l'Espoir, Soigner les Enfants du Monde

Lebanon

343
beneficiaries
64
surgeries
1
mission

Access to medical-surgical care in paediatrics and orthopaedics



With 1 refugee per 3 inhabitants, Lebanon is the country with the highest concentration of refugees per capita and the 4th-largest refugee population in the world. Access to healthcare is compromised due to a mostly private healthcare system and excessively high fees for both refugees and the 1.5 million Lebanese who are considered "vulnerable".

The difficulty in accessing healthcare is exacerbated by the major economic, political, and social crisis that has rocked the country since October 2019. The social security system is under stress as more and more Lebanese fall below the poverty line.

However, 2 to 5% of children born each year in Lebanon have an orthopaedic deformity that can be extremely serious for them and their families. These conditions are poorly detected and managed, making the role of civil organisations, the main public healthcare providers, absolutely vital.

In 2019, La Chaîne de l'Espoir provided access to specialised consultations to hundreds of vulnerable children with congenital orthopaedic conditions that resulted in 53 surgeries.

La Chaîne de l'Espoir also launched a project for the early detection of the most common orthopaedic malformations in order to prevent the development of disabilities and reduce health costs: 176 children were screened and 11 were treated using non-invasive methods.

In addition, 93 people participated in information sessions on the early detection and treatment of congenital orthopaedic conditions.

This was made possible through close cooperation with the Lebanese Union of Relief & Development Associations (URDA) and the Sacred Heart Hospitals of Beirut and Shtoura in the Bekaa Valley. For a 3rd consecutive year, La Chaîne de l'Espoir benefited from the support of the French Crisis and Support Centre and funding from the Île-de-France Regional Council.

• 2020 Outlook

La Chaîne de l'Espoir seeks to pursue its action by strengthening the skills of NGOs and health partners to provide early detection, medical-surgical care, and psychosocial support. A pilot phase could also be developed to help families organise themselves into self-help groups.



Medical specialities:

Paediatric and orthopaedic medical-surgical care, early detection support

Coordination: Elena Cristini (Lebanon), Lucie Dechifre (France)

Medical expert: Prof. Jean-François Mallet

Partner: URDA

Locations: Beirut and Shtoura, Lebanon

Funding: Crisis and Support Centre (French Ministry of Foreign and European Affairs), Île-de-France Regional Council, La Chaîne de l'Espoir



812
beneficiaries
28
surgeries
2
missions

Support for
the development
of paediatric
cardiac surgery

Madagascar



In Madagascar, almost 2/3 of the population is considered to be extremely poor. The country's indicators are alarming, with an infant mortality rate of 42.4 deaths per 1,000 births compared with just under 4 deaths per 1,000 births for a country like France. The estimated incidence of congenital heart disease in Madagascar is 3,600 per year, for approximately 720,000 births, or roughly 5 out of 1,000 births each year.

The healthcare offer in cardiac surgery is extremely limited. It is against this backdrop that La Chaîne de l'Espoir has been running a programme to support the development of paediatric cardiac surgery in Madagascar since 2018.

In 2019, 2 medical-surgical missions, paediatric cardiology and closed heart surgery, were carried out in June and September at the Soavinandriana Hospital Centre (CENHOSOA). These missions were led by 2 doctors from the Felix Guyon University Hospital, on Reunion Island, with the cooperation of the CENHOSOA medical team. 28 children underwent closed-heart surgery. In addition, 784 children were seen. This included 234 new cases, 244 post-operative follow-up cases, 260 medical follow-up cases, and 46 cases awaiting surgery. 30 children were evacuated to metropolitan France for open-heart surgery. These evacuations were provided by La Chaîne de l'Espoir and its partners.

To strengthen the skills of Malagasy healthcare professionals, an intern in cardiology received training by shadowing the 2 medical-surgical missions. In addition, since June 2019, weekly remote cardiac ultrasound sessions (echoes@ Cardio) have been set up, bringing together doctors from CENHOSOA, the Félix Guyon University Hospital and the Bordeaux University Hospital to work on complex cases.

This system allows CENHOSOA cardiologists to improve their skills through practical cases. La Chaîne de l'Espoir also allowed 3 CENHOSOA doctors (on cardio-paediatrician and 2 anesthesiologist-intensive care specialists)

to take part in the IUD (Inter-University Diploma) in surgical resuscitation for congenital heart disease that was offered by the Bordeaux Faculty of Medicine. This programme started in late 2019 and will end in July 2020.

• 2020 Outlook

In addition to increasing its efforts with its existing activities, La Chaîne de l'Espoir aims to broaden its operational scope through workshops to raise awareness among rural physicians about paediatric heart disease.

Mass screening campaigns are also planned. In addition, La Chaîne de l'Espoir also plans to expand the range of open-heart surgery services offered.



Medical speciality:

Paediatric cardiac surgery

Coordination:

Nivohanta Ramamonjisoa (Madagascar),
Kevin Ninkeu (France)

Medical expert:

Prof. Jean-François Delambre

Partners:

Ribambelle, Mécénat Chirurgie Cardiaque,
Monaco Collectif Humanitaire

Location:

Tananarive, Madagascar

Funding:

La Chaîne de l'Espoir

Mali

Support to paediatric cardiac surgery and the operations of the André Festoc Centre (HMEL) in Bamako

304
beneficiaries
152
surgeries
25
missions



With a growing need for cardio-paediatrics in Mali and to provide technical solutions for medical evacuation, La Chaîne de l'Espoir set up a technical platform dedicated to paediatric cardiac surgery, in cooperation with Le Luxembourg Mère-Enfant Hospital (HMEL) in Bamako. After an initial study and 15 months of construction, the 1st open-heart surgery at HMEL took place on 10 September 2018.

• Training activities

In 2019, La Chaîne de l'Espoir's training and support programme was gradually streamlined to target subject areas that required special

training follow-up. During the 1st half of the year, close support was provided, with a fairly large number of expatriate teams. These teams were less present during the 2nd half of the year.

In all, 25 missions (medical, paramedical, technical, quality) and some 90 expatriates strengthened the skills of the Malian team in these areas.

An extremely satisfactory improvement in the skills of the local team was noted. This team benefits in particular from highly skilled surgeons and anesthesiologists.

A mission led by the team at the Cuomo Cardio-Paediatric Centre in Dakar, under the leadership of Prof. Gabriel Ciss, head of the department of cardiac surgery at CCPC, also made it possible to operate on Malian children and to continue to train the local teams.





This is an interesting example of the cascade model of training, since the CCPC Dakar team was trained in part by La Chaîne de l'Espoir's teams in recent years, and then they themselves trained their Malian peers.

• **Financial assistance for patients**

According to studies done by health economists in Dakar for the Cuomo Cardio-Paediatic Centre in 2017 and its activity in 2018, the estimated cost of caring for a child was calculated using a flat rate: €5,300 for a single open-heart surgery and €3,000 for closed-heart surgery.

In keeping with its aim of providing healthcare access to the most vulnerable, La Chaîne de l'Espoir covered the healthcare costs for the surgeries of more than 80 children, out of a total of 136 surgeries. The costs of surgery are out of reach for the vast majority of families. Through an on-site social survey, La Chaîne de l'Espoir was able to provide access to healthcare free of charge to a large number of patients. For those who have the financial means, part of the costs are paid by the family, or even by an insurance system for better-off families, although this is extremely rare.

• **2020 Outlook**

The progress made on the medical and surgical front is very positive. Training missions must nevertheless continue in 2020 to help the team become completely independent. The missions, however, will be fewer in number and less frequent. The organisation will also continue to provide administrative and financial

136
children treated

support, as H MEL does not yet have complete mastery of the management activity.

Finally, to ensure healthcare access for the most disadvantaged, La Chaîne de l'Espoir is committed to covering the cost of surgery for 70 children as part of its mission.



Medical speciality:

Heart surgery

Coordination:

Alice Authier (Mali), Julie Smeyers (France)

Medical experts:

Prof. Alain Deloche, Prof. Olivier Baron, Dr Dominique Tournay, Dr Catherine Amrein, Aline Perret

Location:

Bamako, Mali

Funding:

La Chaîne de l'Espoir, Institut Fontaine, Engie Foundation, private donors

Mali

463
beneficiaries
109
surgeries
2
missions

Programme to support the development of reconstructive surgery



Sub-Saharan regions are the regions most affected by so-called "facial" pathologies such as noma (a disease that destroys the skin of the face and the underlying muscles and bones), cleft lip and palate and the after-effects of burns. Children suffering from these very disabling conditions are victims of stigmatisation, very often leading to their dropping out of school and social isolation..

This programme, launched in 2018 at Le Luxembourg Mère-Enfant Hospital (HMEL) in Bamako, aims to promote and develop reconstructive surgery in Mali, offering treatment for these conditions and their long-term monitoring.

Its secondary objectives include raising awareness among the general public and offering training sessions, run by local non-profit New Face, aimed at training members of the Federation of Traditional Practitioners and Herbalists of Mali (FTHM) to identify diseases, refer patients, and increase community awareness.

2 training and medical-surgical missions were held in June and December 2019, in addition to the 3 missions in 2018. Through these missions,

109 patients were treated, including 30 children under the age of 12 months.

The transfer of skills, one of the programme's main objectives, has been a boon to the local team comprising 4 surgeons, 1 general practitioner, 11 anesthesiologists including 7 doctors studying for the Diploma of Specialised Studies in Anaesthesia and Resuscitation at HMEL, and 12 nurses. In addition, in partnership with New Face, 2 training sessions were held in the Segou region for 326 traditional healers. Among other things, these sessions taught them how to detect the signs of oral infections that can lead to noma if antibiotic treatment is not administered quickly. These traditional practitioners are also those who identify and refer all of the patients treated during these missions.

• 2020 Outlook

La Chaîne de l'Espoir plans to lead 2 new medical missions at HMEL. In view of the large number of children who have received surgery since 2018, the anesthesiologists in this programme would like to publish a scientific paper describing their techniques and results.

More exchanges will be set up with our other programmes that deal with the same issues in Burkina Faso and Benin. Our partnership with New Face and the FTHM will also continue.



Medical speciality: Reconstructive surgery

Coordination: Alexis Ponel

Medical expert: Dr Jean Vendroux

Location: Bamako, Mali

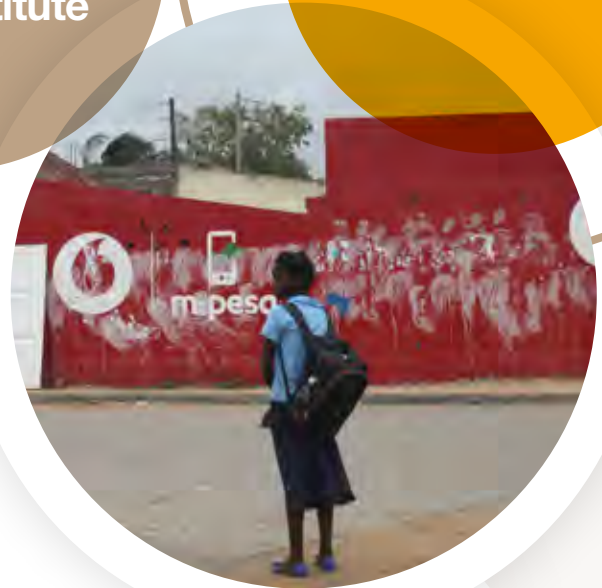
Funding: La Chaîne de l'Espoir, a one-time donation from the Soli-Mali non-profit organisation



340
beneficiaries
12
surgeries
1
mission

Support for ICOR, the Maputo Heart Institute

Mozambique



La Chaîne de l'Espoir continues its support to ICOR an annual mission in cardiac surgery and interventional cardiology that makes it possible to perform surgery or catheterisation on children with extremely complex conditions.

In 2019, 12 children received surgery and 10 children were catheterised during the mission. The local teams are highly skilled. A special mention goes to Dr Fidelio Sitefane, interventional cardiologist, who was trained for 2 years at the Necker-Enfants malades Hospital in Paris and who operates independently.

One positive outcome for 2019 is that the ICOR premises, under a 25-year usufruct from the Ministry of Defence, have been definitively allocated to the Institute. This will stabilise the Institute in the long term and underlines the importance of ICOR in the local health landscape.

La Chaîne de l'Espoir also continues its support in supplying consumables and medicines to ICOR, which in some cases can only find products of inferior quality, or at exorbitant prices.. It is difficult to obtain supplies of consumables for cardiac surgery in a country where very few hospitals perform it, as this gives suppliers no reason to make these supplies readily available on the market. This is a problem in many African countries, where our partner organisations are the only facilities that perform heart surgery. They find it very difficult to obtain supplies, with certain products that cannot be sourced in their country, or which can be found, but only through very complex, and therefore very expensive, distribution channels.

Furthermore, La Chaîne de l'Espoir continues its financial support for the Children's Pavilion that has been open since 2016. This facility is essential because it makes access to healthcare easier for children from the provinces and the poorest populations. ICOR, as a reference centre for heart disease in Mozambique, welcomes

children from all over the country who are referred there by their local hospitals, or even by the Central Hospital of Maputo. The facilities in the national healthcare system do not have the means to monitor these children, so they must stay for four weeks in order to detect and treat any postoperative complications, such as pericardial effusion, wound infection, etc.

Given the low financial resources of the families of the children received, it is very common to find, in addition to cardiac pathology, chronic nutritional deficits, which lead to a lengthy recovery period, because the children do not go out until they are fully recovered and the continuity of outpatient treatment is ensured.

These children 's stays vary greatly, from a minimum of 2-3 days to several months, when home living conditions and follow-up care are more precarious.



Medical speciality:

Cardio-paediatric surgery

Coordination:

Nathalie de Sousa Santos

Medical expert:

Prof. Daniel Sidi

Partner:

ICOR - Maputo Heart Institute

Location:

Maputo, Mozambique

Funding:

La Chaîne de l'Espoir, private donors

Nepal

8,200
beneficiaries
1
mission

School health



Led in partnership with the Child Protection Centers and Services NGO (CPCS), this programme launched in 2011 has provided more than 8,000 vulnerable children in the districts of Kathmandu, Dolakha, Sindhuli and Morang with access to basic care in their schools and prevented street risks by accompanying them and their families on a daily basis.

In 2019, we opened 25 nurse-run dispensaries, open six days a week, that reached 42 schools. These dispensaries provide children with access to healthcare, preventive health, and psycho-social monitoring in order to keep them off the streets. In addition, 4 family centres open after school, with a capacity of approximately 100 children each, provide support for children, specifically for those most exposed to the dangers of the street due to their family background.

These centres ensure that all children have access to basic healthcare, provide them with personal hygiene kits (including sanitary pads

that allow girls to stay in school), give them one snack a day, and provide health education (hygiene, sexual education, prevention of sexual abuse, etc.). They also work to raise awareness among girls about early marriages and hold specialised medical missions twice a month to identify at-risk children by checking with families to make sure that the children are attending school, and by covering the costs of their school fees, school supplies, and uniforms.

• 2020 Outlook

In 2020, La Chaîne de l'Espoir wishes to expand its activities in favour of children's health in schools (with annual medical check-ups for better screening), to increase prevention sessions and offer broader themes (drugs, child labour, sexuality, etc.) in the surrounding schools.



Activity:

School health

Coordination:

Vincent Perrotte (France),
CPCS NGO (Nepal)

Locations:

Districts of Kathmandu, Dolakha,
Sindhuli, and Morang, Nepal

Funding:

La Chaîne de l'Espoir

2,252
beneficiaries

226
surgeries

1
mission

Support for
the development
of cardiac surgery
and paediatric
cardiology in Senegal
and West Africa

Senegal



The management of heart disease in children of sub-Saharan Africa poses enormous difficulties in terms of diagnosis and access to care care, which contributes to an increase in child mortality and morbidity. Between 0.5% and 3% of school-age children in Africa suffer from rheumatic fever that can lead to severe heart disease. Although Senegal made efforts to improve its response to these diseases, approximately 30,000 children suffer from serious heart conditions. Approximately 1,000 children with heart defects are born each year, and 80% of these children die before the age of five due to lack of specialised care.

As the 1st West African facility to offer a solution for patients suffering from paediatric heart disease, the activity of the Cuomo Cardio-Paediatric Centre (CCPC) in Dakar continues to increase thus benefitting the entire population of this region. In 2019, the number of surgeries increased by 22%, from 185 in 2018 to 226 in 2019. 88% of them were open-heart procedures. This was made possible in part thanks to the opening of a 2nd operating room at the CCPC at the end of the year.

The number of consultations remained stable, with around 2,000 patients seen over the course of the year. In addition, 14 of the children who received surgery came from neighbouring countries (Burkina Faso, Guinea-Bissau, Côte d'Ivoire, Guinea-Conakry). Along with their companions, they were able to stay at the Children's Pavilion located next to the CCPC. The training aspect of its activity was particularly important to the CCPC in 2019. 14 staff members began a graduate programme in cardiopulmonary bypass techniques and resuscitation in partnership with Vaudois University Hospital in Lausanne, Switzerland.

This year, the CCPC hosted 4 medical-surgical expertise missions from Canada, Switzerland and France. These missions sought to support the CCPC teams in dealing with the most complex cases of heart disease (cases where the children weighed less than 5 kg for example).

The CCPC also hosted 12 trainees from other African countries who came to be trained in various specialities related to cardiac surgery. In addition, the CCPC teams carried out two surgical support missions that aimed to develop cardiac surgery capacity in 2 neighbouring countries: Mali and Burkina Faso. The CCPC is emerging as a leading player in pediatric cardiac surgery in West Africa, for both treatment and training.

• 2020 Outlook

The goal for 2020 will be to further expand the CCPC's activity, with the opening of the 2nd operating room. The CCPC's independence in procurement should be improved through the recruitment of dedicated human resources. In the same vein, an audit and recruitment should help improve its financial monitoring systems. More children from neighbouring countries should be able to be hosted at the Children's Pavilion thanks to the creation of a schedule that encourages their regular care at the CCPC.



Medical speciality: Paediatric cardiac surgery

Coordination: Kevin Ninkeu

Medical experts: Prof. Gabriel Ciss, Prof. Bara Diop, Prof. Oumar Kane

Partners: Cuomo Foundation, Fann National University Hospital

Location: Dakar, Senegal

Funding: Cuomo Foundation, La Chaîne de l'Espoir, Mécénat Servier Charity Fund, Engie Foundation, Bambini Cardiopatici Nel Mondo, private donations

Chad

2
missions

Support for training of physicians in essential surgery



More than 5 billion people worldwide lack access to safe and affordable surgery and anaesthesia. In Chad, the population is predominantly rural (78%), and many are too poor and too remote to be able to reach hospitals in the cities that have a surgical department. Moreover, in a country of approximately 15 million people, there are only 18 surgeons, 2 anesthesiologists and 13 obstetricians for the entire population, with a very uneven distribution between the capital and the rest of the country.

To help improve this situation, La Chaîne de l'Espoir is currently developing a pilot project on essential surgery in Chad that aims to improve the capacity of Chad's healthcare system to provide timely access, in less than 2 hours, to quality, safe, and affordable essential surgery. Essential surgery is the treatment of frequently occurring, life-threatening surgical conditions that can be treated with simple, inexpensive, easily taught surgical techniques with a high success rate and low morbidity.

During the 1st phase of this project, La Chaîne de l'Espoir is supporting the creation of a graduate programme in Chad on essential surgery for non-surgeons who work in remote locations. On May 30, 2019, the President of the University of N'Djamena officially announced the creation of this programme, called "District Surgical Capacity".

• 2020 Outlook

In December 2019, 20 doctors were chosen to participate in this programme that will begin in 2020. La Chaîne de l'Espoir will provide support in the form of training coordination assistance (help with the construction, coordination, monitoring and evaluation of courses) and teaching assistance (sending specialist volunteers from La Chaîne de l'Espoir according to the training modules).



Medical speciality: Essential surgery
Coordination: Julie Smeyers (France)
Medical experts: Prof. François Pons,
Dr Jacques Wrobel, Dr Jean Luc Chuzel
Location: Faculty of Science and Health,
N'Djamena, Chad
Funding: La Chaîne de l'Espoir



22,640
beneficiaries

School health and child protection

Thailand



An assessment of the House of Hope's activities carried out in 2019 shed light on the shortcomings of the child protection system in Buriram province, particularly with regard to children with disabilities and orphans. The World Health Organisation (WHO) recognises the need for, and effectiveness of, interventions starting in early childhood in order to prevent, detect, and address developmental difficulties that can lead to disability, and also to promote the inclusion of these children.

In 2019, La Chaîne de l'Espoir worked diligently to complete its actions aimed at improving learning conditions in 62 partner schools in Buriram province, including teacher training in innovative pedagogical methods, teaching English using phonetics, and using child-centred approaches. This training can be repeated at the initiative of the schools themselves and the Thai Department of Education. More than 2,000 children were provided with personalised social support throughout the year, in the form of: medical and/or psychosocial support, transport to and from school, uniforms and school materials, personal hygiene kits or renovations to homes and toilets. La Chaîne de l'Espoir focused on the school health aspect of its activities within the new Equity Programme. More than 3,000 children received dental health and ophthalmic consultations, and 120 children and 65 teachers participated in oral hygiene training. 40 teachers were trained in 23 primary schools and classes on sexual and reproductive health were held in 18 schools, reaching more than 1,000 children.

Finally, La Chaîne de l'Espoir pursued its activities in child protection by boosting the capacity of its Child Protection Committees in 16 sub-districts. 15 children between the ages of 9 and 16 were welcomed to the House of Hope. The housing programme now only applies to children in high-risk situations, focusing on their family and social reintegration. It also developed resources for the

community and vulnerable children: 455 people, including 331 children, participated in training and educational activities. The protection and school health components of the programme were made possible through the support of Bernard Magrez.

• 2020 Outlook

La Chaîne de l'Espoir will focus its efforts on school health and protection. Following the assessment conducted in 2019, La Chaîne de l'Espoir will continue to overhaul its accommodation, psychosocial support, as well as social and family reintegration activities for at-risk children.

It will also carry out a pilot project dealing with the inclusion of children with disabilities and will develop a centre for inclusive activities, stimulation and community-based rehabilitation.



Activities:

School health, child protection

Coordination:

Laong Maneeterm (Thailand),
Lucie Dechifre (France)

Medical expert:

Dr Laurence Boutin

Partners:

La Maison de l'Espoir Foundation,
Kanlayanamit Teachers' Group,
Ton Kla Teachers' Group

Location:

Buriram Province, Thailand

Funding:

Bernard Magrez SAS, La Chaîne de l'Espoir

Togo



Health Programme

2 health fairs
324 beneficiaries
212 surgeries
2 missions

Since 2012, the Health Programme in Togo organised paediatric surgery missions in the country's various provinces. These so-called health fair missions are an opportunity for Togolese surgeons to provide surgery to children from underprivileged backgrounds who do not have access to paediatric surgery. Surgery is performed by the team led by Prof. Gnassingbé, head of the paediatric surgery department at Sylvanus Olympio University Hospital (CHU-SO), with the support of a specialist in anaesthetics and postoperative intensive care (APIC), who is a volunteer from La Chaîne de l'Espoir.

2 health fair missions were carried out in 2019. The 1st one took place in April, in Tsévié, in the Maritime region, a city near the capital of Lomé. For this mission, Prof. Jean-Pierre Gnassingbé's team was assisted by two APIC doctors from France, Dr Chantal Chazelet and Dr Jean-Noël Evain, from Grenoble University Hospital. In 5 days, 104 children received surgery, out of 181 children who were seen. The 2nd health fair took place in August, in Bassar, a town in the

Kara region in the centre of the country, a 5-hour drive from Lomé. This fair was also carried out by the surgical team from the paediatric surgery department at CHU-SO, in cooperation with Dr Roland Crespel, an APIC volunteer from La Chaîne de l'Espoir.

For this mission, 108 children received surgery, out of the 190 children who were seen. The main diseases treated during these missions were hydroceles, ectopies, hernias (umbilical, testicular, inguinal), the after-effects of burns and bone diseases. To date, 1,120 children in the various provinces have received surgery thanks to the 11 health fair missions carried out in Togo.

In 2019, no medical missions in training or treatment of specific diseases could take place at CHU-SO, because the operating rooms were undergoing renovations.

• 2020 Outlook

In addition to 2 new health fair missions, the Health programme in Togo will be expanded with the addition of specific missions at CHU-SO, in particular with an aim to improve treatment of brachial plexus elongation. Finally, a seminar that will be part of the West African Diploma of Specialised Studies in Paediatric Surgery (DES-CP) will take place at the end of the year in Lomé.



Medical speciality:

Paediatric general surgery

Coordination: Alexis Ponel (France), Thomas Dietrich (Togo)

Medical experts: Prof. Yann Révillon, Dr Chantal Chazelet

Locations: CHU-SO, Lomé, Provincial Hospitals, Togo

Funding: La Chaîne de l'Espoir

9,886
beneficiaries

School health

Togo



In many ways, 2019 was a turning point for the Education Programme in Togo. First of all, La Chaîne de l'Espoir confirmed the programme's gradual transition to a programme exclusively focused on school health.

The 2019-2020 school year was thus its last opportunity to distribute school supply kits for 693 beneficiaries and to cover the registration fees of 419 children in Lomé. With regard to school health, the school canteen project served meals to 1,500 students every day. In addition, 728 students received medical care and personal hygiene kits.

2019 also saw the launch of the "My health, my school, a collective challenge for Togo" project, co-financed by Agence Française de Développement (AFD).

This three-year project aims to create a healthy, motivating and protective school environment in 8 schools in Lomé. During this year, the first 5 schools benefited from initiatives to enrich the capacity of the entire school community around key themes such as non-violence, the right to sexual and reproductive health, water, hygiene, and sanitation.

As a result, 515 student volunteers in 20 clubs were trained as peer educators on these topics. They now have all the skills and tools they need to raise awareness among the other 4,500 students in their schools. Each of these clubs was able to work on designing action plans to improve the health conditions in their schools. Beyond the involvement of students, this project engages many stakeholders such as local authorities, teachers, parents' associations and owners of small shops in the vicinity of schools, also raising their awareness on these issues.

This project also seeks to encourage the students and allow them to speak freely, particularly through theatrical expression.

A troupe of actors from the Nyagbe non-profit organisation that is in charge of this part of the

programme, allowed 280 students to participate in theatre classes and 610 others participated in reading sessions. Finally, as a complement to this project, funding from the Australian Development Agency (AUSAID) allowed us to renovate 68 toilet booths and build another 10 in the 8 schools included in the project..

• 2020 Outlook

The project *My health, my school, a collective challenge for Togo* will enter its 2nd year, and 3 new schools will be added to the project. A pilot study on the use of spirulina in the diets of children who participate in the school canteen programme will also be carried out during the year. In addition, in 2020 La Chaîne de l'Espoir will seek in to replicate the sensory screening programme successfully implemented in Haiti.



Activities:

School health, nutrition, socioeducational projects

Coordination:

Alexis Ponel (France),
Thomas Dietrich (Togo)

Medical expert:

Dr Laurence Boutin

Location:

Grand Tokoin district, Lomé, Togo

Partnerships:

WASH Volunteers, Nyagbé,
Jeunesse et Avenir Togo

Funding:

Agence Française de Développement,
AUSAID, La Chaîne de l'Espoir

Vietnam

Social and medical care programme for disadvantaged children

100 beneficiaries
35 surgeries



Inaugurated in July 2018 in the Go Vap district of Ho Chi Minh City, the Children's Pavilion hit its stride in 2019. This house, provided free of charge by a Buddhist donor, has a capacity of 10 beds. It welcomes poor children who come to Ho Chi Minh City for medical examinations or surgery. The partner medical facilities see the children for specialised consultations and examinations (lab work, radiology, ultrasound). Children requiring surgical care are admitted to a partner medical facility adapted to their pathology and usually stay for a short period of time during the surgery.

The Children's Pavilion is managed by volunteers from the Congregation of the Dominican Sisters. Most of the budget is dedicated to the operating expenses of the Pavilion (water, electricity, food, miscellaneous expenses, etc.), and especially to medical care.



Activity:

Pavilion for pre- and post-operative care of sick children

Local project manager:

Sister Anna

Manager of the Children's Pavilion:

Sister Elizabeth

Coordination:

Pascal Deloche (France)

Local medical expert:

Dr Phuong (Vietnam)

Location: Ho Chi Minh City, Vietnam

Funding:

La Chaîne de l'Espoir, private donors

Sister Elizabeth, a trained social worker, manages the house with great professionalism and charisma. Over the months, she has become the soul of this Pavilion.

She fights for each and every child. Identifying and bringing in a poor child from the highlands is a difficult undertaking. This is why she travels around the country visiting each and every family. These visits are very important because they allow us to understand the actual situation of each child.

In 2019, approximately 100 children came to the Pavilion. 35 children suffering from serious heart conditions were operated on by Dr Phuong at the Tam Duc Hospital in Ho Chi Minh City. As a complement to the Pavilion's funding from La Chaîne de l'Espoir, the Dominican Sisters have also received funding from Vietnamese donors. Dr Phuong also made a financial contribution for the most serious cases.

The Sisters fight to reduce their costs day in and day out, and are working to find new donors who will allow more children to receive surgery. The Children's Pavilion is ideally situated in the Go Vap area. The Sisters use social media to publicise the project and to raise awareness among new donors. Our goal is also to increase our support, as it directly serves the cause of sick children.

The Children's Pavilion is beginning to have a background story, and with it a past. Sister Elisabeth methodically records in a binder the experiences of each of her little boarders. Each case is a touching story, each operation a victory!

While the Tam Duc Hospital is the Pavilion's reference hospital, Sister Elizabeth is developing relationships with other hospitals in the city. As the months go by, she works on expanding her network.

This way, the children will be able to have surgery in other institutions in the future, and hopefully this will raise awareness among doctors, who could operate on the children free of charge, as Dr Phuong generously does for the most complicated and expensive cases.



Communication

A young girl with dark hair, smiling broadly, is the central focus of the image. She is wearing a white long-sleeved shirt with a repeating pattern of colorful cars in red, green, and yellow. The background is a vibrant, textured red surface, possibly a wall or a large container. The overall mood is bright and positive.

The Essentials of Communication

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Digital communication

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Regional branches

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Events

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La Chaîne de l'Espoir International

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on



The Essentials...

... of Communication



In terms of media coverage, many high-quality reports were broadcast on national channels.

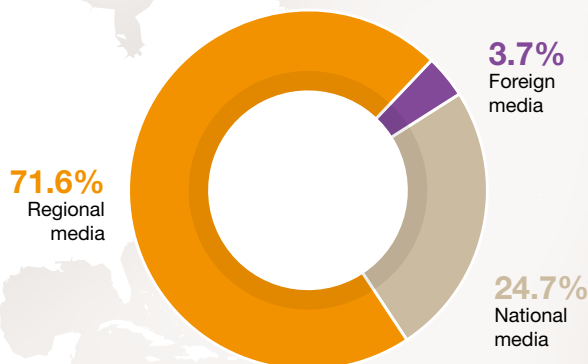
The local daily press is a key player in communicating about La Chaîne de l'Espoir and allowing us to promote our actions in the regions by creating a more personal relationship.

Communication is an essential tool to promote the actions of La Chaîne de l'Espoir. It meets 2 main objectives: to raise awareness about our work among a larger audience, and to mobilize multiple actors to save more children.

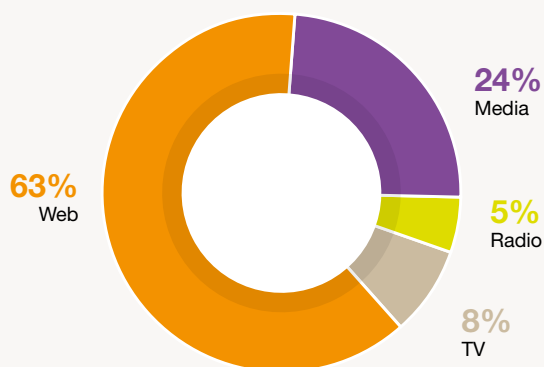
Communication gives visibility to La Chaîne de l'Espoir's missions, encourages new members to join the cause, and helps find new sources of funding. Finally, the message must be consistent with La Chaîne de l'Espoir's values in order to make its commitment more credible in the eyes of the general public.

- **The media plays a key role in La Chaîne de l'Espoir's communication strategy**
Throughout the year, there are important events that deserve to be shared.

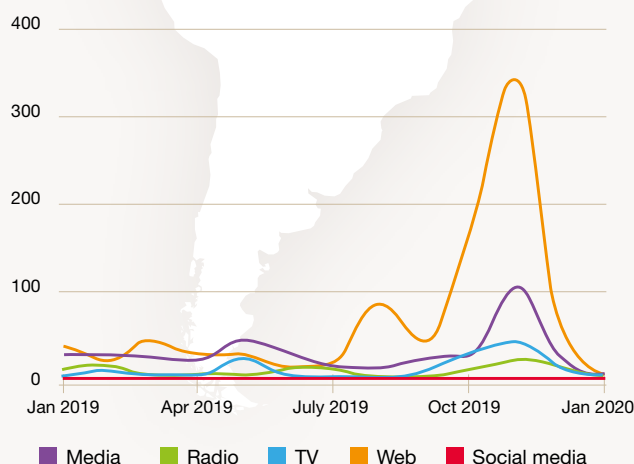
Geographical breakdown of media 2019



Breakdown by media type 2019



Time distribution by media type



The conjoined twins

Bissie and Eyenga were born on November 6, 2018 in Ayos, a small town in central Cameroon. They were joined at the abdomen.

Fortunately, their situation was favourable and they were able to be separated. However, it was impossible to complete this complex and difficult surgery in Cameroon. Thanks to an unprecedented effort of all of the medical staff, the sisters were successfully separated on November 13, 2019 at the Hospices Civils de Lyon by Prof. Pierre-Yves Mure and his team. Little Bissie had to undergo a 2nd surgery on December 6 to treat a severe heart condition. Bissie was finally discharged from the hospital just before the holiday season, which she spent with her sister Eyenga and their mother with their host family. They returned to Cameroon on January 21, 2020 where a new life awaits them.



Bissie
and Eyenga



#jepasselespoir

Bequests, Donations, Life Insurance Campaign

In 2019, La Chaîne de l'Espoir increased its media presence with a 2-step visibility campaign, over March and October. A radio advertisement was broadcast, mainly on the France Bleu national and regional network and on France Inter, with 88 spots over a period of 14 days, and was supplemented by free broadcasts on other radio stations in the Europe 1 group, Virgin, RFM, BFM, RMC and Radio Vinci Autoroute.

This campaign was complemented with advertising inserts in targeted media: Notre Temps, le Pèlerin, La Croix, magazines that specialise in donations, as well as free inserts in the printed media for the general public.

In 2019, children were once again in the spotlight in our year-end fundraising campaign as they passed along the sun, the oldest, most universal symbol of life and hope.

Children have been drawing the sun since the beginning of time and everywhere on the planet. From an early age, they can make it shine beyond borders to share it with those who need it most.

The ad campaign that was primarily digital, took place on the La Chaîne de l'Espoir website, social media (#jepasselespoir), as well as offline through a vast poster campaign, press advertisements and a TV ad. Millions of children are condemned by disease and lack of access to healthcare, just because they were born in the wrong place. As part of this campaign, we launched 6 calls for donations to help 6 young children, from all walks of life, suffering from various pathologies such as cleft lip, eye tumour, heart disease, etc.

These children, who were presented as our ambassadors during the holiday season, allowed us to raise funds to help more children in need of treatment.

Digital communication

Digital tools to raise awareness and unite



La Chaîne de l'Espoir's digital community grows a little more each year, as our reputation grows through the internet and social media.

Throughout the year, we share news, missions and testimonials through photos or videos to give our community the chance to understand the breadth and relevance of our actions.



16 regional branches
 100 volunteers
 9 medical branches
 60 events held to benefit the organisation

Regional branches



The regional branches provide valuable support to La Chaîne de l'Espoir. They actively participate in raising awareness by holding or participating in events throughout France.

In 2019, there were 16 regional branches, bringing together around 100 volunteers, to help news about La Chaîne de l'Espoir's actions reach more people at the national level.



Highlights from 2019

- **11 January** Caribbean evening in Nantes
- **16 February** Theater play in Créteil
- **30 March** Choir concert in Bohal
- **30 May** Hiking competition and Pétanque in Valence d'Albigeois
- **2 June** Garage sale in Vannes
- **5 Nov.** Conference as part of Children's Rights Day in Cholet
- **9-11 Nov.** Exhibition & Sale of arts and crafts *Art in all its forms* in Albi
- **Nov. /Dec.** Gift wrapping offered at Oxybul in Antony, Créteil and Lyon

Events

2019



The World
Doctors Orchestra
June 8



The World Doctors Orchestra dropped by the Paris Philharmonic as part of its 2019 tour.

In front of a delighted audience, nearly 130 volunteer musicians-physicians of 19 nationalities, conducted by the Prof. Stefan Willich and accompanied by 80 chorists from the Nicolas de Grigny Choir and the Maîtrise de Reims, performed Gustav Malher's Symphony No. 3, a masterpiece dedicated to humanity, the world and life itself. As for each of its performances since its creation in 2008, this evening was dedicated to charities helping people affected by illness, including the Curie Institute and La Chaîne de l'Espoir, which received a donation of €6,500 for children's surgeries.

28th edition of the
Tour Auto Optic 2000
April 29 - May 4
Evening in Tours
May 3



Drivers Thomas Desprez and Eric Giannetti raced their Porsche 911 under the banner of La Chaîne de l'Espoir as part of the Tour Auto Optic 2000.

The rally started from the Grand Palais in Paris, where the cars were on display, and travelled more than 2,000 km along the roads of France. It was able to raise funds for a child's heart surgery at Clocheville Hospital in Tours, thanks to donations from their partners.

At the rally's closing ceremony, Dr Paul Neville, head of the Tours branch of La Chaîne de l'Espoir, received a cheque for €7,500.

**Saint-Nom-la-Bretèche
Golf Open**
June 14



A special anniversary for this new edition.

It has been 10 years since the 1st Saint-Nom-la-Bretèche Golf Open was held to support the Sourires de l'Espoir (Smiles of Hope) programme dedicated to helping African children suffering from facial malformations and to training healthcare personnel. It has been a growing success with each new edition. There were over 100 golfers present for this event dedicated to La Chaîne de l'Espoir and an anniversary dinner in the presence of Dr Selim Bennaceur, a plastic surgeon and representative of La Chaîne de l'Espoir, who received €12,000 to finance surgeries for children during his missions in Africa.

For the 5th consecutive year.

La Chaîne de l'Espoir was present at the Village of the Siemens No Finish Line event at the Champ-de-Mars in Paris. More than 10,000 runners and walkers came together to run for 5 days and 4 nights. The kilometers they covered converted into euros raised for sick children. A growing success and, for this edition sponsored by Michel Cymes, a new record broken: more than 136,000 km covered and €68,000 in donations pledged for La Chaîne de l'Espoir.

**No Finish Line Paris
by Siemens**
May 15-19



**Mondays with
La Chaîne de l'Espoir:**
a conference
one Monday
per month



For the past 8 years, the Mondays with La Chaîne de l'Espoir conference series have been hosting a high-level speaker every month to discuss a variety of current, societal, geopolitical and economic topics. Open to all, these events question us, enlighten us on the world around us and help us understand it. In 2019, the Mondays with La Chaîne de l'Espoir have hosted, among other guests: Pascal Boniface, Patrick de Carolis, Nicolas Sarkozy, Christine Ockrent, Me Nathalie Tomasini, Prof. Françoise Baré Sinoussi, etc.

This year's traditional charity gala of the Grande Loge Traditionnelle et Symbolique Opéra was exceptional.

A total of 350 guests sailed off on a river boat for an exceptional dinner concocted by volunteer Michelin-starred chefs. In homage to the Notre Dame de Paris Cathedral, the dinner cruise was accompanied by musical interludes: Roddy Julienne and Damien Sargue, famous artists of the musical Notre Dame de Paris, performed some of its greatest hits. The success of this 8th edition made it possible to raise a total of €25,000 for La Chaîne de l'Espoir. A huge thank you to the organizers for their loyalty and generosity!

GLTSO Gala
October 18



La Chaîne de l'Espoir

International



In the United States

Because generosity doesn't have borders, La Chaîne de l'Espoir decided to expand its international network. In 2019, we created two affiliated foundations, **United Surgeons for Children in the United States** and **Cirugía Por La Vida** in Spain.

Based in Washington D.C., the **United Surgeons for Children Foundation** is the face of La Chaîne de l'Espoir in the United States. Its aim is to expand our medical network and get American donors, philanthropists, foundations and corporations involved. As Prof. Alain Deloche states:

“Joining forces with health visionaries in the United States will greatly strengthen our chain of solidarity and is essential to sustaining our impact in the world's most neglected regions.”



Together, we can save lives.



In Spain

Created in Barcelona, the **Cirugía Por La Vida Foundation** also shares La Chaîne de l'Espoir's mission and values: to provide access to surgery throughout the world and save sick children. A 1st heart surgery mission was carried out at the André Festoc Centre in Mali in September and several partnerships with Spanish hospitals were signed, such as with Sant Joan de Deu Hospital in Barcelona, where the first 2 children suffering from heart defects will be sent in 2020.



Organisation and management

The background of the cover is a blurred photograph of a classroom. In the foreground, a student's hand is visible, holding a blue marker and writing on a notebook. In the background, another student is holding a red marker, also writing. The scene is brightly lit, suggesting a typical school environment.

Funding principles and activity

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Funding principles and activity



• Resources

The organisation's resources come from four main sources of funding:

1. The **general public** is the main source of revenue for La Chaîne de l'Espoir. These donors support the actions of the organisation, either through one-off donations to help finance surgeries for children, or through regular donations that allow us to develop medium- and long-term actions, including organising local care and training missions, and providing equipment for hospitals and educational programmes.

We reach out to the general public by mail, email, and telephone. Encouraging regular donations by direct debit and online donations are our 2 main areas of focus.

2. **Companies and foundations** participate in the funding of La Chaîne de l'Espoir's major projects in the form of partnerships that can last several years, particularly with hospital projects, care and training programmes, as well as medical equipment programmes. They also contribute to the child healthcare programme in France, educational and school health aid programmes or, on a more ad hoc basis, to the surgeries of one or more children.

Events are also organised jointly between companies and La Chaîne de l'Espoir to rally employees around a common cause such as sporting events, auctions, and gala evenings, etc.

3. Our **institutional partners** support La Chaîne de l'Espoir's major long-term

projects, which, through an integrated approach, aim to provide populations with a multifactorial and sustainable response to their needs.

4. La Chaîne de l'Espoir seeks to generate interest with donors and the general public in the idea of **bequests**. We use the newsletter, publications, and the website to lead the conversation and manage requests for information. A unique ongoing relationship is established with the donor (bequest brochure, information, etc.)

Our actions receive excellent media coverage (TV shows, radio, free TV spots, press articles) as well as communication operations to promote our actions with donors and partners.

See Acknowledgements/List of major donors

• How different sources of funds are used by type of activity

The funds raised from the general public, bequests, and part of companies' private funds help to finance all of La Chaîne de l'Espoir's activities including child healthcare in France and abroad, education, training, and equipment, etc. When they are earmarked for a specific project, these funds are clearly tagged so that they can be traced in our accounts.

Their use is dedicated to programmes defined in agreement with the partner, whose objectives, budget and activities meet precise specifications. These may be specific programmes for care, medical training, children's education, medical equipment or hospital projects.

See Country fact sheets/Funding

• Voluntary contributions in kind

To finance its activities, La Chaîne de l'Espoir also relies on support in kind.

1. Volunteer work is an essential part of the organisation's activity and its influence.

- **Volunteers on missions abroad:** each year, several hundred surgeons, doctors, nurses



and technicians ensure the success and professionalism of La Chaîne de l'Espoir's medical and paramedical missions abroad.

- **Volunteers in the hospital support programme in France:** thanks to these volunteers, children (predominantly French), whose parents are either absent or not very present, receive regular visits and participate in activities that make their stay in hospital less stressful.
- **Host families:** children sent to France for surgery are cared for by our volunteer host families. The average length of a child's stay in France is approximately two months. During this time, the host families offer their time to the organisation.
- **Headquarters-based volunteers:** Headquarters-based volunteers are actively involved in administrative and fundraising activities, and in the organisation of our missions abroad.
- **The regional branches:** throughout France, our dynamic volunteers participate in the welcoming of children undergoing surgery in the regions, and in the organisation of events and activities aimed at raising funds and increasing the reputation of La Chaîne de l'Espoir.

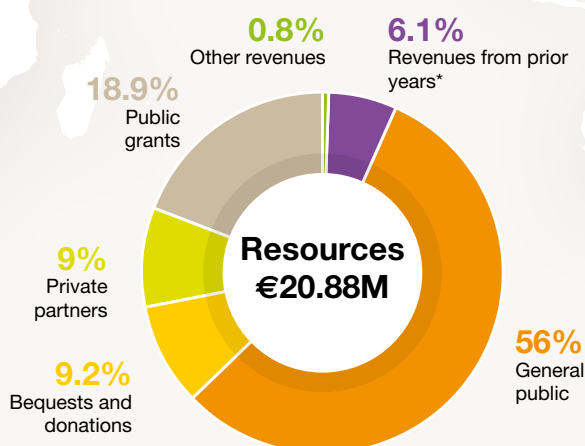
2. Material donations and benefits in kind are an important source of support for our activity. Medical equipment and furniture, as well as various services, particularly in communications, are offered to us free of charge by many professionals.

3. Skill-based sponsorship is when a company provides qualified personnel for periods ranging from a few days to several years. It is a precious help for La Chaîne de l'Espoir and a source of fulfillment for the employees assigned to us.

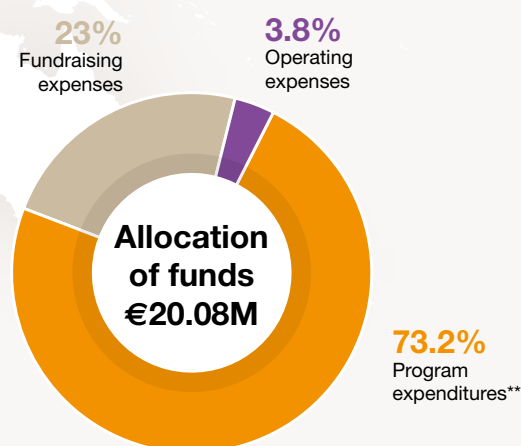
• **Main aspects of the relationships/ agreements with French or foreign organisations that operate on behalf of La Chaîne de l'Espoir**

La Chaîne de l'Espoir's partnership with other organisations is generally structured around specific agreements that specify, among other things, the nature of the beneficiaries, the purpose, a definition of the planned surgeries, the responsibilities of each organisation involved and the methods for monitoring and evaluating the surgeries.

• **Main types of resources and how they were used in 2019**



*Carry-over of unused earmarked resources from prior years



**Expenditures 2019: 67% + commitments: 6.2%

New projects



2019 saw the launch of several new projects around the world, as is the case each year.

Our activity expanded first and foremost in France, since in January we took over a programme that had been run by Médecins du Monde in several French hospitals. This involves **volunteer support for children who are hospitalized** for long periods and who do not receive family visits, either because their family lives too far away from them or, more often than not, because their own social situation is very precarious (parents with disabilities, absent, in prison, or deceased). In 2019, 111 children were supported throughout their hospital stay and received visits from a volunteer family three times a week.

The children, as well as the hospital staff, request these visits, as they allow for the psychological development of the children who would otherwise experience their hospitalisation as a long period of loneliness and abandonment. Our volunteers are wonderful and dedicate much of their time to these children, who then become an essential part of their daily lives.

In Overseas France, **a new local branch was created on Reunion Island** in September. The aim is to take in Malagasy children with heart conditions for surgery at Félix Guyon University Hospital in Saint-Denis de La Réunion.

The necessity of this branch became apparent following the takeover of Médecins du Monde's cardiac surgery programme in Madagascar in 2018. The goal is to ultimately have Malagasy

children receive surgery from local teams in their own country, but in the meantime, to treat them on Reunion Island, rather than in mainland France to avoid tiring journeys.

This branch is headed by Dr Jean-François Delambre, a cardiac surgeon from Saint-Denis.

Far away in Iraq, in the Sinjar region thoroughly devastated after the fighting with the Islamic State, our organisation was asked to build an operating room in a small local hospital. In the future, La Chaîne de l'Espoir will build a general hospital, initially focused on children, women and emergency care.

Benefiting from French government funds via the Crisis and Support Centre, our association, which had already been active in the region in 2015 and 2016, thus confirms its interest in the reconstruction of Iraq.





- **In Africa, La Chaîne de l'Espoir implemented a variety of new projects**

In Burkina Faso, where we have been involved for several years now in a **maxillofacial surgery** programme, the Tengandogo University Hospital asked us to participate in the introduction of paediatric cardiac surgery.

We worked to strengthen the skills of the medical team (surgeon, anesthesiologist, etc.) through onsite trainings in Vietnam and Senegal, and made an assessment of the infrastructure and the equipment, followed by construction work and equipment allocations. Thanks to this preliminary work, a 1st surgical mission took place in June, led by a Senegalese surgeon working in a centre headed in Dakar by La Chaîne de l'Espoir, and with funding from the organisation.

This 1st mission paves the way for the implementation, over several years, of a more structured programme to train the entire team and facilitate access to healthcare for the most underprivileged patients.

In Côte d'Ivoire and Mali, La Chaîne de l'Espoir launched a programme for the **prevention and surgical treatment of oesophageal stenosis**.

This programme is aimed at children who have accidentally ingested caustic soda (widely used throughout Africa for making soap, dyeing fabric, and hairstyling, etc.), as well as their families and

communities, to prevent future accidents and to treat children who are victims of them. Awareness and prevention activities aim to make people more conscious about the dangers of soda ash and change the behaviour of users, while the medical programme trains local medical-surgical teams to operate on children. This programme is a response to this dramatic problem, which remains largely unknown despite its widespread presence in many countries.

Another new programme started in 2019 was the training in essential **surgery in Chad**. Thanks to agreements signed with the government of Chad, we are supporting a university programme for non-surgical doctors who will learn to perform very simple, inexpensive life-saving surgery in areas where they are the only doctors. Examples include caesarean sections, reduction of open fractures, and surgery for some types of hernias. This training programme is called "District Surgical Capacity". In many remote areas, there are no hospitals and the only healthcare professionals are general practitioners who treat patients in poorly equipped dispensaries.

This training aims to provide them with the basic skills to treat some of their patients' surgical needs, without which some patients would be at risk of losing their lives.

Governance



- **The legal structure of La Chaîne de l'Espoir**

La Chaîne de l'Espoir is a non-profit organisation established according to the French law of July 1, 1901, and registered with the Prefecture of Paris on December 12, 1994, under the number 94/4993.

- **Scope of La Chaîne de l'Espoir's annual report**

The scope of La Chaîne de l'Espoir's annual report covers all of its activities: child healthcare in France, emergency actions, care and training missions, construction, equipment, educational and school health programmes.

- **Members of La Chaîne de l'Espoir**

La Chaîne de l'Espoir has 209 active members, all of whom have voting rights.

- **Management bodies**

La Chaîne de l'Espoir is administered by a Board of Directors, which chooses, from among its members, a Steering Committee composed of a President, two Vice-Presidents, a General Secretary, a Deputy General Secretary and a Treasurer.



Operational management is ensured by a General Manager, a Deputy General Manager in charge of Operations, a Chief Financial Officer, and a Development Manager.

- **The Board of Directors of La Chaîne de l'Espoir in 2019**

The Board

President

DR ÉRIC CHEYSSON

Head of Vascular Surgery

at René Dubos Hospital, Pontoise, France

End of term: June 2021

Vice Presidents

DR PHILIPPE VALENTI

Hand Surgeon at Clinique Jouvenet, Paris

End of term: June 2021

JEAN-ROCH SERRA

Former Head of Siemens Group

medical branch

End of term: June 2023

Secretaries General

DR SYLVAIN CHAUVAUD

Cardiovascular Surgeon, Paris

End of term: June 2021

FRANÇOISE MONARD

Senior Consultant

End of term: June 2021

Treasurer

EMILE DINET

Chief Operating Officer of SENY Group

End of term: June 2021

Members

DR CATHERINE AMREIN

Intensive Care Physician

End of term: June 2023

DR GÉRARD BABATASI

Head of Cardiac Surgery

at Caen University Hospital

End of term: June 2020

PROF. CHRISTOPHE CHARDOT

Paediatric Surgeon

End of term: June 2025



DR MICHEL CYMÈS
ENT Doctor
at the Georges Pompidou European Hospital,
Paris - Journalist
End of term: June 2023

GONZAGUE DESFORGES
Retired Engineer
End of term: June 2020

PHILIPPE DUMAS
Retired Inspector General of Finance
End of term: June 2023

DENIS DUVERNE
Chairman of AXA's Board of Directors
End of term: June 2020

PROF. ANTOINE LAFONT
Interventional Cardiologist at the Georges
Pompidou European Hospital, Paris
End of term: June 2020

JACQUES MAILLOT
Founding President of Nouvelles Frontières
End of term: June 2020

PHILIPPE PEYRAT
Executive Officer of the Engie Foundation
End of term: June 2025

SEBASTIEN PRAT
Lawyer, Paris
End of term: June 2020

PROF. YANN RÉVILLON
Former Head of Paediatric Surgery
at the Necker-Enfants malades Hospital, Paris
End of term: June 2025

DR DOMINIQUE TOURNAY
Anesthesiologist
End of term: June 2023

DR JEAN VENDROUX
Plastic Surgeon
End of term: June 2023
AP/HP
(represented by Mrs Florence Veber,
Head of International Affairs for Assistance
Publique - Hôpitaux de Paris)
End of term: June 2021

- **La Chaîne de l'Espoir's specialised committees**

Management Committee

The role of the Management Committee is to ensure that the decisions of the Board of Directors are implemented and to oversee the proper execution of the activities and missions of La Chaîne de l'Espoir. It is composed of the organisation's Board members and the Operational Directors. It meets at least once a month.

Finance Committee

The role of the Finance Committee is to advise the Board of Directors on decisions concerning financial aspects at a strategic level, such as its equity policy or investment decisions.

Audit and Internal Control Committee

The Audit and Internal Control Committee is an internal control body that actively monitors risk prevention and compliance with governance rules. It is composed of qualified individuals who are members of the Board of Directors and external experts. It is in direct contact with the Head of Audit and Internal Control (HAIC), who reports to this committee.

This committee analyses the risks the organisation faces based on a risk map regularly updated by the HAIC, and ensures that the organisational structure and procedures take their prevention into account.

It also ensures that the organisation is managed in accordance with the laws and rules of good governance, that there are formal processes in place providing adequate oversight of management processes, and that the production and external audit of the corporate accounts are carried out in accordance with the law.

- **Key measures taken by the organisation to ensure appropriate internal control**

The HAIC is in charge of drawing up the internal control procedures.

The HAIC advises and supports the different departments in the development of the organisation's procedures for management and internal control, and regularly monitors their proper implementation.

The HAIC organises or directly leads internal audits at headquarters and in the field. In the interest of independence, the HAIC reports directly to General Management who may also entrust her/him with the conduct of internal investigations.

Furthermore, La Chaîne de l'Espoir regularly calls on professional consultants outside the organisation to audit its procedures and strategies. It is also accountable to various external bodies whose role is to audit the proper management of the organisation and its governance.



- Le Don en Confiance, a supervisory body, unites French non-profit organisations and foundations sharing a common respect for a set of ethical principles in terms of budgetary restraint, account transparency, and governance.
- Deloitte, independent statutory auditors. They guarantee every year the rigour of our management.
- International institutional funding agencies (ECHO, AFD, CDCS, etc.) provide oversight for our activities, our accounts, our management, and governance methods, both at headquarters and in the field.
- La Chaîne de l'Espoir may be audited at any time by the French Court of Auditors.

Since 2012, La Chaîne de l'Espoir has been awarded the IDEAS certification attesting to the quality of its governance practices, its sound financial management and the effectiveness of its actions.

- **The main measures taken by the organisation to prevent fraud, conflicts of interest, and to promote ethical conduct**

To prevent and combat any illegal, dishonest, or immoral practices it may encounter in the course of its activities, La Chaîne de l'Espoir applies a zero-tolerance policy in this area and has implemented a number of precautionary measures. Contractual relations between La Chaîne de l'Espoir and its suppliers and partners are governed by ethics clauses combining their ethical commitments, providing for checks and, if necessary, sanctions. La Chaîne de l'Espoir has policies in place to prevent fraud, corruption and ethical risks. These policies are based in particular on the

principle of separation of tasks and functions, and internal control procedures. All employees of La Chaîne de l'Espoir are also subject to and committed to respecting (and ensuring respect for) a code of ethics and behaviour that defines and helps to promote the values the organisation stands for. All of its employees have demonstrated their commitment to the organisation's humanitarian and ethical principles by signing this document.

- **Evaluating the quality of the organisation's actions**

Our close relationships with the health authorities of the countries where La Chaîne de l'Espoir is present allow us to assess the usefulness and effectiveness of our actions.

Prior to implementing a project, one or more assessments are carried out in order to determine the context, needs, objectives to be achieved, expected results, activities to be accomplished, as well as the human and material resources required. The viability and sustainability of the project are also studied. A budget forecast is prepared once these data have been collected.

The monitoring and evaluation of our programmes are based on these elements. Key output and impact indicators are defined and regularly monitored using operational dashboards. As for financial control, it is conducted through monthly updates of budget consumption, both actual and forecast. For some projects, surveys are carried out at the start, during, and at the end of the project to better evaluate the progress and impacts of the project. Satisfaction surveys among programme beneficiaries may also be conducted at the end of a project. If needed, programmes may be evaluated by specialised external agencies.

Human resources



La Chaîne de l'Espoir relies on a permanent salaried staff structure as well as a large network of volunteers (host families, caregivers, medical and paramedical staff, technicians, administrative staff) in France and to conduct its missions in the field.

• Number of employees at the end of 2019

As of December 31, 2019, La Chaîne de l'Espoir had 48 full-time equivalent employees at its headquarters in France.

La Chaîne de l'Espoir also has a number of employees, expatriates or locals, who work in its facilities abroad, in the countries where it is present:

Afghanistan	27
Togo	10
Thailand	7
Iraq	7
Jordan	6
Mali	4
Cambodia	2
Madagascar	2
Burkina Faso	1

As part of skill-based sponsorship, one employee was assigned to La Chaîne de l'Espoir for 12 weeks in 2019.

• Number of volunteers in 2019

La Chaîne de l'Espoir received the support of 718 volunteers in all of the organisation's activities:

Foreign programme volunteers	227
------------------------------	-----

French programme volunteers	109
Host families	250
Branch volunteers	80
Headquarters volunteers	52

• Compensation policy within the organisation

La Chaîne de l'Espoir's compensation policy is based on the career path, skills, and responsibilities of each employee within the organisation.

La Chaîne de l'Espoir has committed to establishing a consistent salary scale and to conducting regular evaluation interviews for each employee.

The combined annual salary for the organisation's three most senior executives amounts to €183,082.



Financial report 2019

Treasurer's report

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Statutory auditor's reports

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Treasurer's report



Members of La Chaîne de l'Espoir

Dear friends,

I am pleased to present you with the Treasurer's report for 2019.

In 2019, La Chaîne de l'Espoir continued to follow the same path it has been on for several years. Operating income amounted to €19,526K, up 12% compared to the previous year.

Also this year, La Chaîne de l'Espoir transferred control of La Maison des Enfants de Dakar to its local partner, the CHNU in Fann, Senegal. This facility, was built in 2017 at a total cost of €459K

The total revenue of La Chaîne de l'Espoir, including financial and exceptional income, amounted to €20,884K.

Total expenditures, including financial and exceptional charges, amounted to €20,078K.

This fiscal year closed with a surplus of €806K explained by the excellent public response to our year-end campaign, as well as by the bequests that were finalised at the very end of the year. These are all resources that will allow us to carry out our missions in 2020.

The figures commented on below are taken from the Fund Flow Statement, a reference document for non-profit organisations.

• Revenue

In 2019, revenue reached €20,884K. In 2018, total revenue amounted to €21,190K, as it included the non-recurring impact of the transfer of the André Festoc Centre Cardio-Paediatric Surgery Unit (UCPAF, for €2,137K) to our partner, the Fondation pour l'Enfance that owns Le Luxembourg Mère-Enfant Hospital (HMEL) where the Festoc Centre in Bamako is located.

I. Resources collected from the general public

In a difficult economic and social context, donations from the general public (excluding bequests) increased slightly thanks to the loyalty of our donors.

They represent 56% of the 2019 revenue and amount to €11,701K, compared to €11,661K in 2018.

The cost of fundraising amongst the general public (excluding bequests) amounted to €3,370K, slightly more than in 2018 (+1.6%), which is in line with the prospecting strategy that La Chaîne de l'Espoir adopted to ensure that its actions are sustainable.

The net funds raised (donations from the general public minus fundraising costs) remained stable in a difficult context, rising from €8,343K to €8,331K.

Regular donations by preauthorised withdrawal, which contribute to the stability of our action and demonstrate the confidence of our donors, increased by 7.8%, to €5,968K.

II. Bequests and donations

Bequests and donations amounted to €1,925K, compared to €1,583K in 2018 representing an increase of 21.6%. This reflects donors' confidence in the organisation's actions and management. The total amount of bequests made at the end of the fiscal year also showed very strong growth and amounted to €3,848K compared to €1,688K the previous year.

III. Private partners

Donations from private partners amounted to €1,875K in 2019, compared to €1,208K the previous year, an increase of 55.2%.

Donations from companies and foundations focused in particular on funding our support for the cardiac surgery centres in Mali and Senegal, and for the children's homes that complement the treatments offered by these facilities.

IV. Public grants

Public grants amounted to €3,947K in 2019, a strong increase compared to 2018 (+37.6%).

These subsidies came mainly from the French Development Agency, the French Ministry of Foreign Affairs and the European fund ECHO, which all co-fund our projects in Iraq, Afghanistan, Jordan, Togo, Lebanon, Burkina Faso and Venezuela.

V. Other revenue

In 2019, other revenue reached €161K. They included:

- Financial income (€66K), down €55K compared to 2018, which included reversals of provisions and revenues from the sale of securities;
- Extraordinary income (€16K), down €91K compared to 2018, which included the investment subsidy from the Île-de-France Regional Council for the financing of the Festoc Centre in Mali (€100K);
- Miscellaneous management revenue (€79K).

VI. Provision reversals

There were no provision reversals during the fiscal year.

	31/12/2019 (before allocation of 2019 profits)	Allocation of 2019 profits		31/12/2019 (after allocation of 2019 profits)
		Increase	Decrease	
Associative Funds	7,788,301.64	545,909.30		8,334,210.94
Africa Projects Reserve	300,000.00		300,000.00	
COVID-19 Projects Reserve		560,000.00		560,000.00
2019 Result	805,909.30		805,909.30	
	8,894,210.94	1,105,909.30	1,105,909.30	8,894,210.94

VII. Reversal of restricted funds

Restricted funds, unused at year-end, are carried over as income in the income statement for subsequent financial years, according to the commitments' rate of achievement. In 2019, reversals of restricted funds amounted to €1,277K. The main reversal, in the amount of €406K, was the transfer of the Maison des Enfants in Dakar, Senegal to the Fann National University Hospital.

• Expenditures

I. Social outreach

Expenditure on completed programmes amounted to €13,462K in 2019 and €1,241K of scheduled commitments, i.e. 73% of total expenditures.

II. Current expenses

Total current expenses amounted to €5,375K. These expenses include fundraising and operating expenses. They are slightly higher than in 2018 (+3%), and represent 27% of the organisation's expenses. Operating expenses, an essential support for the missions and a guarantee of good resource management, increased over the financial year (€718K in 2019 vs. €620K in 2018). This increase is due to accruals on financial charges from previous financial years in the amount of €101K.

Excluding this non-recurring cost, operating expenses for the year were under control and in line with the previous year.

The provision for depreciation of €41K corresponds to the valuation of an unrealised loss on a capitalisation contract in the event of an early exit.

As a matter of precaution, the organisation decided it was preferable to recognise this depreciation, although its policy is to hold investments until their maturity.

Development costs (fundraising, communication, management of donations and tax receipts, donor relations) amounted to €4,616K, stable compared to the previous year (€4,595K in 2018).

• Allocation of profits

As mentioned above, the financial year resulted in a surplus of €806K, which the Board of Directors has approved and proposes to allocate as follows:

The available reserves represent 5.9 months of activity as of December 31, 2019, an amount needed to ensure the continuity of our activity in the field, to cover unforeseen funding needs related to emergencies or a sudden decline in resources, and to finance investments and their renewal.

• In 2019, the organisation benefited from the following non-monetary contributions:

I. Volunteering

Many surgeons, doctors, nurses, anesthesiologists, and other medical and technical staff went on volunteer missions in the field throughout the year, thus making a significant contribution to

the social outreach missions and the spirit of La Chaîne de l'Espoir. We must also emphasise the vital role played by host families who care for children during their hospital stay in France: welcoming these children into their homes (accommodation, meals, activities), trips to the airport, to hospital appointments, and coordination meetings with the organisation's permanent staff, etc. Their support allowed 76 children to receive surgery in 2019. In 2019, the hospital support programme strengthened our action in France. This programme allows children (predominantly French) whose parents are absent or rarely available, to benefit from regular visits, thus making their hospital stay less stressful. It is made possible thanks to the investment of many volunteers in the Paris region and in Reunion Island. Finally, other volunteers contributed to the organisation's various activities, through their actions at headquarters and in the regional branches.

A precise administrative tracking of these volunteers, whether they are host families, on mission in the field, at the head office in Paris, or in the regional branches in the provinces, allows us to know, for each role, the number of days donated to the organisation, and to calculate their contribution. In 2019, La Chaîne de l'Espoir benefited from 12,645 days of volunteer support, for a value of €2,058K.

II. Medical and non-medical consumables and equipment

The donation of medical goods and equipment, IT equipment and furniture by various hospitals and laboratories is estimated at €316K in 2019.

III. Communication and public relations

The value of the advertising, communication (press, radio, TV, reports) and other services offered free of charge to La Chaîne de l'Espoir by its various advertisers and partners amounts to €1,647K for the 2019 fiscal year.

IV. Skill-based sponsorship

Corporate partners have made some of their employees available for short missions of a few weeks during 2019. The value of this contribution is calculated to be €23K.

Total in-kind resources are therefore estimated at €4,044K.

• Balance sheet

La Chaîne de l'Espoir's total balance sheet as of December 31, 2019 amounted to €22,724K, down €1,588K compared to the previous year. This variation is mainly due to the combined effect of:

- The retirement of fixed assets in progress, recognized as construction progresses on the Maison des Enfants in Dakar, Senegal (€459K)
- A debt reduction of €2,358K (mainly, loan repayments), also including a decrease in deferred revenues of €1,547K

In 2019, net fixed assets amounted to €8,019K (compared to €8,250K in 2018). Current assets amounted to €14,705K (compared to €16,601K in 2018). The organisation's funds grew by the amount of the surplus recorded over the fiscal year. The total at December 31, 2019 was €8,894K. Deferred revenues, recorded in the framework of multi-year financing agreements, for the share of financing related to future fiscal years, amounted to €5,623K compared to €7,170K in 2018. Debts and loans, excluding deferred revenues, amounted to €6,399K in 2019, compared to €7,210K in 2018, reflecting the organisation's ability to meet its commitments.

• 2020 Budget

Against the backdrop of the health crisis that began in March, the organisation decided to revise its entire 2020 budget in order to take into account the impact of the crisis on its funding and its activities.

This revised budget was approved by the Board of Directors on May 18, 2020. It forecasts revenues of €23,908K and expenditures of €23,885K.

The budget for projects to combat COVID-19 and its effects, in France and abroad, is €1,500K.

The revised 2020 budget thus forecasts a financial balance for the year, with a surplus of €24K. It can be broken down as follows:

REVENUE	K€
General public fundraising	11,580
Private partners	1,588
Bequests and donations	3,382
Public grants	6,056
Other operating income	18
Total operating income	22,624
Reversal of restricted funds	1,254
Financial income	31
Total revenue	23,908
EXPENDITURES	K€
Programmes	17,543
Healthcare in France	994
Healthcare abroad	14,659
Education	1,891
Development	5,024
Operations	631
Total operating expenses	23,198
Financial expenses	86
Restricted fund commitments	601
Total expenses	23,885
Net income	24

Emile Dinet
Treasurer

Challenges and prospects for 2020



The health crisis disrupted La Chaîne de l'Espoir's activities, and the 2020 budget had to be revised accordingly, both in terms of social outreach missions and their funding. Despite this uncertain context, La Chaîne de l'Espoir has been able to reinvent itself and both its employees and its management demonstrated dynamism and unity.

The organisation's inventory of medical equipment—masks and respirators—were not sent to Africa, but were donated to French hospitals, particularly in the Grand Est region badly impacted by the pandemic. We also helped many EHPADs (Hospital Establishments For Dependent Senior Citizens) by providing them with protective clothing, electric syringes, etc. We also offered masks to other solidarity organisations to protect their operational teams.

A partnership with Première Urgence Internationale is underway to fight the spread of the virus in the Île-de-France region among the most vulnerable populations living in shantytowns, emergency shelters, and squats. We plan to expand this project to several departments the region.

The infrastructure department of La Chaîne de l'Espoir responded on a very tight schedule to the call for proposals from the French Ministry of the Armed Forces, proposing an innovative concept for a modular, turnkey COVID field hospital, which can be integrated into the national health emergency plan as well as around the world.

The programmes department, for its part, developed a COVID-19 response plan for West Africa, the result of a collective discussion. From supporting patient care to raising community awareness, La Chaîne de l'Espoir is mobilising to provide an initial response in Mali, Senegal and Burkina Faso, where for several years it has been training medical teams in hospital

structures and where urgent needs have been clearly expressed.

In Kabul, Afghanistan, the French Medical Institute for Mother and Child (IMFE) is restructuring to fight the spread of the virus by offering a free screening service, a 10-bed COVID-19 treatment centre and a quarantine room in partnership with the WHO and the Ministry of Health. The pavilion houses part of the hospital staff who work on a 2-week rotation. However, the overall attendance of the hospital has dropped considerably as a result of the collateral effects of COVID-19.

Fundraising amongst the general public is staying the course and our regular donors remain loyal, while our message and action are deeply affected. As for other ways of funding our programmes, discussions are likely to result either in deferrals or reallocations. Cash management is also a matter of great vigilance.

The current situation makes us collectively face our responsibility. It demands boldness, creativity, kindness and a renewed sense of listening. It will durably transform human relations and the way economic players operate. We are confident in the ability of La Chaîne de l'Espoir and its teams to renew and innovate while maintaining rigorous management.

Anouchka FINKER
Managing Director

2019 Annual accounts

ASSETS (EUROS)	31/12/2019		31/12/2018	
	Gross	Depr.	Net	Net
Fixed assets				
Intangible assets				
Computer software	128,647	73,027	55,620	9,840
Brands	19,602	19,602		
Intangible assets in progress				83,430
Tangible assets				
Land	1,380,000		1,380,000	1,380,000
Constructions	7,315,081	834,034	6,481,047	6,072,817
Technical facilities	25,862	12,669	13,193	21,813
Equipment and other tangible assets	46,683	17,900	28,783	28,551
Tangible assets in progress	3,902		3,902	577,675
Financial assets				
Investment interests	50,000		50,000	50,000
Deposits and guarantees	6,688		6,688	26,298
Total Fixed Assets	8,976,465	957,233	8,019,232	8,250,425
Current assets				
Advance payments on orders	22,835		22,835	15,130
Donor receivables	2,791,367		2,791,367	6,719,459
Other receivables	659,480		659,480	1,382,693
Marketable securities	4,644,431	45,531	4,598,899	4,721,205
Cash and equivalents	6,446,810		6,446,810	3,123,412
Prepaid expenses	185,655		185,655	99,491
Total Current Assets	14,750,577	45,531	14,705,046	16,061,389
TOTAL ASSETS	23,727,043	1,002,764	22,724,279	24,311,814
Commitments received				
Bequests to be made			3,847,750	1,687,800

LIABILITIES (EUROS)	31/12/2019	31/12/2018
Associative Funds		
Associative funds	7,788,302	7,751,360
Miscellaneous Projects Reserve	300,000	300,000
Profit for the fiscal year	805,909	36,942
Total Associative Funds	8,894,211	8,088,302
Provisions and Restricted Funds		
Provisions for risks and charges	380,000	380,000
Restricted funds	1,427,685	1,463,036
Total Provisions and Restricted Funds	1,807,685	1,843,036
Debts		
Loans and similar debts	4,446,709	4,800,077
Trade payables	1,228,736	1,624,844
Tax and social security liabilities	641,116	558,382
Other debts	82,369	227,060
Deferred revenues	5,623,453	7,170,114
Total debts	12,022,382	14,380,476
TOTAL LIABILITIES	22,724,279	24,311,814

INCOME STATEMENT (EUROS)

	31/12/2019	31/12/2018
Operating income		
Donations and sponsorships	13,575,618	12,868,957
Bequests, donations, and life insurance	1,924,727	1,582,920
Operating grants	3,946,602	2,868,788
Other revenue	79,074	217,192
Total (I)	19,526,021	17,537,857
Operating expenses		
Purchases and external services	12,066,746	11,971,744
Taxes and similar payments	329,141	306,379
Staff salaries	3,099,849	2,923,954
Social contributions	1,177,899	1,185,621
Depreciation and amortisation	346,310	301,801
Financial contributions and other management expenses	1,065,428	1,160,831
Total (II)	18,085,374	17,850,330
Operating income (I)-(II) = (III)	1,440,647	(312,472)
Financial income		
Other interest and similar revenues	32,231	53,502
Provision reversals		10,835
Positive exchange rate differences	33,487	40,567
Net income on sale of marketable securities		15,357
Total (IV)	65,718	120,261
Financial expenses		
Depreciation, amortisation, and provisions	41,495	
Interest and similar charges	75,366	50,694
Negative exchange rate differences	40,126	27,400
Net expenses on sale of marketable securities	74,333	85,716
Total (V)	231,320	163,810
Financial result (IV)-(V) = (VI)	(165,602)	(43,549)
Current income (III)+(VI) = (VII)	1,275,045	(356,021)
Exceptional income		
On management operations	15,907	6,685
On capital transactions		100,000
Total (VIII)	15,907	106,685
Exceptional expenses		
On management operations	60,397	127,197
On capital transactions	459,167	2,137,450
Total (IX)	519,564	2,264,647
Exceptional result (VIII)-(IX) = (X)	(503,657)	(2,157,962)
Deferral of unused resources from prior years	1,276,691	3,424,713
Commitments to be made from allocated resources	(1,241,340)	(871,156)
Income tax	830	2,632
TOTAL REVENUE	20,884,337	21,189,516
TOTAL EXPENSES	20,078,428	21,152,574
NET PROFIT OR LOSS	805,909	36,942

VOLUNTARY CONTRIBUTIONS IN KIND (EUROS)

	31/12/2019	31/12/2018
Income		
Volunteering	2,057,540	2,521,930
Services in kind	1,670,125	453,287
Donations in kind	316,209	187,939
Total	4,043,874	3,163,156
Expenditures		
Social outreach	1,542,529	1,276,739
Fundraising expenses	1,952,175	1,267,027
Fees	549,170	619,390
Total voluntary contributions in kind	4,043,874	3,163,156

• **Foreword**

The fiscal year ending December 31, 2019 lasted 12 months. The accounts are drawn up in euros. At year-end, the total revenue before allocation of profits was €22,724,279. The fiscal year shows a surplus of €805,909. The information given below is an integral part of the annual financial statements that were approved by the Board of Directors.

• **Note 1: General rules of evaluation**

The annual financial statements were prepared in accordance with Regulation 99.01 of February 16, 1999 of the Comité de la Réglementation Comptable and ANC 2014-03 of 5 June 2014 on the general chart of accounts, as amended by ANC 2015-06 of 23 November 2015 and ANC 2016-07 of 4 November 2016. The following conventions were applied in accordance with a conservative accounting approach, in accordance with the following fundamental rules:

- Continuity of operations,
- Consistency of accounting policies from one year to the next,
- Independence of fiscal years.

• **Note 2: Change in presentation, evaluation, or accounting method**

None

• **Note 3: Significant events during the fiscal year**

The assets relating to the Maison des Enfants in Dakar, Senegal, were written off at a value of €459,167. This follows the transfer of control, during the 2019 fiscal year, of this facility, completed in 2017, from La Chaîne de l'Espoir to its partner, Fann National University Hospital.

The disposal of this asset had a negative impact of €53,632 on net revenues, i.e. the contribution to the funding of La Chaîne de l'Espoir from public funds. The construction of an extension of the organisation's head office created additional office space, at a cost of €630,702. The extension was commissioned in November 2019.

• **Note 4: Post-balance sheet events**

The health crisis tied to the COVID-19 epidemic that broke out in the 1st quarter of 2020 led the organisation to revise the initially approved 2020 budget in order to adjust the expenses and revenues, without any impact on the organisation's assets and liabilities.

In order to respond to the needs caused by this crisis, the Board of Directors decided to allocate a specific budget of €1,500,000 to projects aimed at fighting the COVID-19 epidemic and its effects. A proposal will be made at the General Meeting to allocate part of the 2019 net result to creating a reserve fund in the balance sheet dedicated to these projects, for an total of €560,000 (~ 70%). The continuity of the organisation's operations is not called into question.

• **Note 5: Fixed assets**

The organisation's fixed assets are recorded and valued in accordance with the standards set out in the asset regulations, at their acquisition cost (price and incidental expenses) or production cost.

Note 5-1: Fixed assets located in France

Fixed assets located at the organisation's head office in France are amortized on a straight-line basis over their useful life:

- | | | | |
|-------------------------------|----------------|--------------------------------------|---------|
| • Computer software..... | 3 years | • Technical facilities and..... | 3 years |
| • Construction..... | 25 years | miscellaneous equipment | |
| • Facilities, fixtures, | 8 and 10 years | • Transport equipment..... | 3 years |
| constructions | | • Office and computer equipment..... | 3 years |

Note 5-2: Fixed assets located abroad

Due to the nature of its activities, the organisation may be required to purchase, in international locations, assets that meet the accounting definition of fixed assets.

Given:

a) The specificities of the context

- Geographical remoteness that makes it difficult to control existing physical resources,
- Special operating conditions that create uncertainty regarding the physical condition of the assets,
- Purpose of these acquisitions made within the framework of the project and devolved to definitive local use,
- Agreements signed with funding bodies,

b) The use of a conservative accounting approach

These capital goods are recorded directly in the expense accounts of each mission.

The changes during the fiscal year were as follows:

GROSS ASSETS (EUROS)	31/12/2018	Increase	Decrease	31/12/2019
Computer software	45,217	83,430		128,647
Brands	19,602			19,602
Intangible assets in progress	83,430		83,430	
Intangible assets	148,250	83,430	83,430	148,250
Head office land	1,380,000			1,380,000
Head office construction	6,371,163	407,877		6,779,041
Facilities, fixtures, constructions at the head office	247,909	288,131		536,041
Technical facilities and miscellaneous equipment	25,862			25,862
Transport equipment	7,500			7,500
Office and computer equipment	26,691	12,492		39,183
Tangible assets in progress - Head office	118,508	516,097	630,703	3,902
Tangible assets in progress - MDES	459,167		459,167	
Tangible assets	8,636,800	1,224,598	1,089,870	8,771,528
Investment interests - CDE Medical Engineering	50,000			50,000
Deposits and guarantees	26,298	2,077	21,688	6,688
Financial assets	76,298	2,077	21,688	56,688
TOTAL	8,861,348	1,310,105	1,194,988	8,976,465

The main movements during the fiscal year were:

- Implementation of new developments made to the accounting tool for €83,430
- Commissioning of the extension to the head office building for €630,702
- The transfer of the Maison des Enfants in Senegal to our partner, Fann National University Hospital, for €459,167

DEPRECIATION (EUROS)	31/12/2018	Increase	Decrease	31/12/2019
Computer software	35,377	37,650		73,027
Brands	19,602			19,602
Intangible assets	54,980	37,650		92,630
Head office construction	509,693	257,566		767,259
Facilities, fixtures, constructions at the head office	36,562	30,213		66,775
Technical facilities and miscellaneous equipment	4,049	8,621		12,669
Transport equipment	278	2,500		2,778
Office and computer equipment	5,362	9,761		15,122
Tangible assets	555,943	308,660		864,603
TOTAL	610,923	346,310		957,233

• **Note 6: Receivables**

Receivables are recorded at their nominal value. A depreciation is recognised if there is a risk of non-recovery.

	Amount	- 1 year	1 to 5 years	+5 years
Donor receivables	2,791,367	727,613	2,063,754	
Agence Française de Développement	2,063,754		2,063,754	
Aga Khan Foundation	208,670	208,670		
European Union	250,000	250,000		
Ile de France Regional Council	40,936	40,936		
Other private funding agencies	228,007	228,007		
Other receivables	659,480	370,525	288,955	
TOTAL	3,450,847	1,098,138	2,352,709	

• **Note 7: Prepaid expenses**

Prepaid expenses of €185,654 are mainly related to "Other purchases and external services".

• **Note 8: Marketable securities**

Marketable securities are shown on the balance sheet at their acquisition cost. Disposals are accounted for using the first-in, first-out (FIFO) method. Investments are made in products with guaranteed capital in arrears.

The changes during the fiscal year were as follows:

	31/12/2018	Increase	Decrease	31/12/2019
BNP securities account	159		159	
Agéas endowment contract	1,043,952	7,612		1,051,564
Vie plus endowment contract	1,681,130	12,430	100,693	1,592,867
Cholet-Dupont endowment contract	2,000,000			2,000,000
TOTAL	4,725,241	20,042	100,852	4,644,431

The "Vie plus" endowment contract was subject to a provision for depreciation in 2015, adjusted annually according to the valuation of the contract in the event of early exit. On December 31, 2019, the provision amounted to €45,531.

• **Note 9: Cash and equivalents**

Cash held in France and in missions abroad (banks and accounts) include amounts in foreign currencies.

They were valued in euros at the rate in effect on December 31. Conversion differences at year-end are recorded as foreign exchange gains or losses in the financial result.

• **Note 10: Associative funds**

La Chaîne de l'Espoir has two types of reserves:

- Funds without right of recovery, whose purpose is to ensure the sustainability of the organisation
- Project reserves, intended to finance operational projects

The changes during the fiscal year were as follows:

	31/12/2018	Increase	Decrease	31/12/2019
Funds without right of recovery	7,751,360	36,942		7,788,302
Africa Projects Reserve	300,000			300,000
2018 Result	36,942		36,942	
2019 Result		805,909		805,909
TOTAL ASSOCIATIVE FUNDS	8,088,302	842,851	36,942	8,894,211

The information relating to the allocation of profits is included in the minutes of the General Meeting of 17 June 2019.

• **Note 11: Provisions for risks and charges**

Provisions are recorded for risks, which are identified at year-end as having a reasonable probability of occurrence and a material amount.

The changes during the fiscal year were as follows:

	31/12/2018	Increase	Decrease	31/12/2019
Provision for risks	380,000			380,000
TOTAL	380,000			380,000

The provision for risks for operations in Iraq, set aside in the 2017 accounts for an amount of €380,000, is maintained.

• **Note 12: Restricted funds**

Restricted funds record the share of resources earmarked by third-party funders for specific projects that have not yet been used at year-end.

The changes during the fiscal year were as follows:

	31/12/2018	Allocation	Funds used	31/12/2019
Healthcare - Real estate projects				
Senegal - Maison des Enfants	405,535		405,535	
Healthcare - Other projects				
Afghanistan Healthcare	72,612	149,445	68,142	153,914
Burkina Faso	40,757	68,229	40,757	68,229
Benin	23,407	4,746	23,407	4,746
Comoros	181,875			181,875
Mali	344		344	
Iraq	86,831	327,579	86,831	327,579
France		857		857
Bangladesh		15,201		15,201
Mozambique		19,145		19,145
Senegal Healthcare	67,261	57,811	67,261	57,811
Lebanon	22,585	3,342	22,585	3,342
Jordan	73,759	15,300	73,759	15,300
All Zones	9,112		9,112	
Education				
Benin	9,686		9,686	
Democratic Republic of Congo	24,792	22,459	24,792	22,459
Thailand	351,849	81,640	351,849	81,640
Togo	4,150	36,918	4,150	36,918
All projects	88,480	438,669	88,480	438,669
TOTAL	1,463,036	1,241,340	1,276,691	1,427,685

The Comoros restricted fund received funding from the Indian Ocean Regional Health Agency during the 2016 fiscal year. Due to political circumstances beyond the organisation's control, and in full transparency with the funding agency, no resources could be allocated to the Comoros project. The restricted fund is therefore still present as of December 31, 2019.

• **Note 13: Debts**

Debts are valued at their nominal value.

Bank loans were contracted in 2016 for an initial amount of €5,500,000 to finance the acquisition of La Chaîne de l'Espoir's head office.

Maturities at the end of the fiscal year were as follows:

	Amount	- 1 year	1 to 5 years	+5 years
Financial debts	4,446,709	356,284	1,439,156	2,651,268
Loans	4,445,509	355,084	1,439,156	2,651,268
Other financial debts	1,200	1,200		
Miscellaneous debts	1,952,221	1,952,221		
Trade payables and related accounts	1,228,736	1,228,736		
Tax and social security liabilities	641,116	641,116		
Other debts	82,369	82,369		
TOTAL	6,398,930	2,308,505	1,439,156	2,651,268

• **Note 14: Deferred revenues**

Deferred revenues accounts for funding granted by agreement for future years. Maturities, by country, at the end of the fiscal year were as follows:

	Amount	- 1 year	1 to 5 years
Healthcare Projects	5,578,453	3,390,562	2,187,891
- Afghanistan	3,730,588	1,925,438	1,805,150
- Senegal	385,719	235,719	150,000
- Jordan	225,000	225,000	
- Burkina Faso	207,101	150,196	56,905
- Iraq	606,354	606,354	
- Togo	363,336	187,500	175,836
- France	40,354	40,354	
- Other projects	20,000	20,000	
Education projects	45,000	45,000	
TOTAL DEFERRED REVENUES	5,623,453	3,435,562	2,187,891

• **Note 15: Off-balance sheet commitments**

Note 15-1: Retirement allowance pay

Retirement allowance pay is calculated using the retrospective projected unit credit method. It uses the final salary and entitlements, calculated on the basis of the final prorated seniority, as the salary basis. This method complies with the method prescribed by the international accounting standard IAS 19.

The amount of the retirement benefit for staff present on December 31, 2019 was estimated at €126,010. This amount did not give rise to a provision in the financial statements at year-end.

The retirement allowance was estimated taking into account the terms of the French Labour Code, in the absence of a specific collective bargaining agreement, and the life tables in force at that date.

The following assumptions were made in calculating the retirement allowance:

- Expected rate of salary increases: 2% (inflation)
- Staff turnover rate: 0 %
- Life expectancy: INSEE life table 0709
- Discount rate: 0.77 %
- Retirement age: 67 years old (for all)
- Applicable collective agreement: none (provisions of the French Labour Code)

Note 15-2: Commitments given to projects

As part of its social outreach missions, La Chaîne de l'Espoir committed to financially support its partner, Fann National University Hospital, in Senegal, for the training of hospital staff as part of the Cuomo Cardio-Pediatric Center's support program (agreement signed on June 15, 2015; €180,000 for 2020 and 2021)

In addition, La Chaîne de l'Espoir signed a 36-month lease with Siemens Financial Services on September 19, 2018 with a purchase option (€ 726,400 from 2019 to 2021).

With this contract, the organisation agreed to rent AERA MRI equipment on behalf of its partner the French Medical Institute for Mothers and Children (FMIC). The FMIC in turn agreed, through a sublease signed on September 19, 2018, to reimburse the organisation according to the same schedule.

Note 15-3: Bequests

Current bequests, accepted by the Board of Directors in 2019 or earlier, and not collected as of December 31, 2019, are estimated at €3,847,750.

• **Note 16: Voluntary contributions in kind**

During the 2019 fiscal year, La Chaîne de l'Espoir benefited from voluntary contributions in kind that are not directly valued in the accounts.

They appear at the bottom of the income statement and are estimated at €4,043,874 for the 2019 fiscal year.

Note 16-1: Volunteering

Many surgeons, doctors, nurses, anesthesiologists and other medical and technical staff went on volunteer missions in the field throughout the year, to contribute to the social outreach missions of the organisation.

	Number of persons	Number of days	Valuation in euros
Board of Directors volunteers	21	690	220,520
Head office volunteers	31	1,983	309,450
Foreign programme volunteers	227	2,735	744,240
French programme volunteers	359	5,273	488,730
Branch volunteers	80	1,964	294,600
TOTAL	718	12,645	2,057,540

Other volunteers also contribute to the organisation's activities through their work at the head office, in hospitals, and with host families and regional branches.

Specific administrative tracking of these volunteers allows us to know, for each role, the number of days donated to the organisation, and to calculate their contribution at their replacement value. In 2019, La Chaîne de l'Espoir benefited from 12,645 days of volunteer support.

Note 16-2: Medical consumables and equipment

For 2019, the donation of medical goods and equipment by various hospitals and laboratories is estimated at €309,559.

Note 16-3: Communications and public relations

In 2019, La Chaîne de l'Espoir received various services free of charge, mainly news messages produced by television and radio channels. These services are valued at €1,646,935.

Note 16-4: Skill-based sponsorship

In 2019, La Chaîne de l'Espoir benefited from the secondment of employees from BNP Paribas and Roland Berger, whose services are valued at €23,190.

Note 16-5: Office and computer equipment

In 2019, La Chaîne de l'Espoir received furniture from MACSF and computer equipment from Alten, valued at €6,650.

• Note 17: Staff

The organisation's staff size is calculated as of December 31, taking into account employees in France, expressed in full-time equivalents, on the basis of the average number of employees each month.

	2019	2018	2017
Executives	29	27	21
Non-executives	19	23	23
TOTAL STAFF	48	50	44

On December 31, 2019, the organisation also had 73 employees in the field.

• Note 18: Audit fees

The amount of the statutory auditor's fees for the 2019 fiscal year was €28,000 including VAT. These fees are related to the statutory audit of the accounts and to specific due diligence (project audits).

• Note 19: Compensation and benefits in kind

Note 19-1: Compensation and benefits in kind for members of the Board of Directors

In accordance with the provisions of the organisation's bylaws and Article 261-7-1° of the French General Tax Code, La Chaîne de l'Espoir compensates the position of Chairman of the Board of Directors. The maximum amount of this compensation is set at 3 times the social security ceiling applicable in the year of the decision. The compensation paid for 2019 amounts to e 20,262. The bylaws do not provide for the allocation of assets to members of the Board of Directors at any time.

Note 19-2: Compensation and benefits in kind for the three most senior executives

Article 20 of Act No. 2006-586 of May 23, 2006 regarding volunteer work and associative work provides that: "Associations with an annual budget of more than €150,000 [...] must publish, each year, in their financial accounts, the compensation provided to the three most senior volunteer and salaried executives and their benefits in kind".

The three most senior executives of the organisation are the President, the General Manager and the Deputy General Manager. In 2019, the total gross annual amount of their compensation and benefits was €183,082.

• **Note 20: Annual Fund Flow Statement**

The Fund Flow Statement is drawn up in accordance with the Accounting Regulatory Committee Regulation No. 2008-12 of May 7, 2008, approved by the order of December 11, 2008, applicable as of January 1, 2009 to any organisation that raises funds from the general public.

The Fund Flow Statement is reconciled with the elements of the Income Statement to provide:

- Overall information on all allocation of funds (column 1) and resources (column 2) for the fiscal year.
- The allocation by purpose (column 3), solely for resources collected from the general public, as well as the monitoring of resources collected prior to the current fiscal year (column 4).

Note 20-1: Allocation of funds

The allocation of funds in the Fund Flow Statement are recognized using the Organization's cost accounting system, and are reported under three categories: social outreach missions, fundraising expenses, and operating expenses.

Direct costs are allocated by category according to the services and activities concerned, and depending on the nature of the activities.

Expenditure related to activities that can be attached to several categories in the Statement of Financial Activity are broken down between the categories concerned based on the number of employees and the burden created by the different activities. This concerns the following expenses:

- A expenses: personnel costs (salary and social contributions) related to the administrative, financial and human management of social outreach missions at the head office, and to the development of procedures and tools for management and internal control. The amount of salaries of salaries thus allocated represents 49% of the payroll at the organisation's head office.
- B expenses : head office, overhead costs: energy, supplies and printed matter, general maintenance, postage, telephone and internet.
- C expenses : mobile phone overhead costs

The breakdown of these costs between the various categories is made according to allocation keys that can be broken down as follows:

	A	B	C
Children's healthcare in France	4%	5%	10%
Healthcare and training abroad	58%	56%	70%
Fees for public fundraising	15%	17%	
Costs of seeking private and public funding	15%	14%	10%
Operating expenses	8%	8%	10%
TOTAL	100%	100%	100%

Social outreach

Direct actions in France include costs relating to child healthcare in France:

- Costs of healthcare for foreign children hosted in France, which include the following types of expenses:
 - Expenses reimbursed to the host family (volunteer work), hospital visits, recovery, etc.
 - Hospital costs (stay, surgery, etc.) in Paris and/or in other regions
 - Transport (ambulances, plane, etc.)
 - Ancillary costs: laboratory tests, medication, X-rays
 - Salaries of the staff who manage this department at the organisation's head office

The public funds collected finance the expenses incurred in France.

Direct actions undertaken abroad include costs related to healthcare programmes, training and construction abroad:

- Costs of missions by medical and surgical teams sent to countries in Africa, Asia and the Middle East to perform surgery and training activities
- Shipping of medical material and equipment, medication, and other consumables
- Payments to structures with which the association has partial or total agreements in terms of operational action under the terms of current agreements
- Sponsorship in Africa and Asia and the costs of running local branches

Some international programmes are carried out with local partners. Amounts retroceded to them in relation to our social outreach missions are recorded under the sub-category "Payments to a central agency or other body".

Missions abroad are financed partly by public funds and partly by private and institutional funds.

Fundraising expenses

This category includes all the expenses incurred in collecting donations from the general public (marketing campaigns, appeals and mailing costs, processing of donations and costs related to tax receipts, as well as management of bequests), to find funding from private partners and subsidies from institutional funding agencies or local authorities.

Operating expenses

This category contains all expenses related to the operation of the structure and general services of La Chaîne de l'Espoir's head office.

Note 21-2: Resources

Resources collected from the general public

This category includes resources collected from the general public, earmarked or not, including sponsorships, to pay for the education and healthcare costs of sponsored children in countries such as Thailand, India, Nepal, Togo, Benin and Haiti.

This category also includes bequests received by the organisation.

Other private funding

This category includes funds received during the fiscal year from corporate sponsorship and from French and foreign foundations.

Subsidies and other public grants

This category includes funds received from institutional bodies for specific programmes that they finance in part.

Other revenue

This category contains miscellaneous management income, contributions, financial income and extraordinary income.

Deferral of unused earmarked resources from prior years

This category shows how funds that were earmarked for specific projects and not used at the end of the previous year were used during this fiscal year.

Balance of non-allocated, unused funds raised from the public at year-end

The balance at the end of the fiscal year is €885K, which corresponds to a portion of the funds collected in December and which could not be spent during the fiscal year.

ANNUAL FUND FLOW STATEMENT - RESOURCES COLLECTED FROM THE GENERAL PUBLIC

ALLOCATION OF FUNDS	2019 Allocations = income statement (1)	Allocation by purpose of resources collected from the general public and used in 2019 (3)
	In thousands of euros	
1- SOCIAL OUTREACH MISSIONS	13,462	9,008
1.1 - In France	1,667	1,667
- Direct actions	1,667	1,667
- Payments to other bodies operating in France		
1.2- Abroad	11,795	7,342
- Direct actions	10,749	6,501
- Payments to a central agency or other body	1,046	841
2- FUNDRAISING EXPENSES	4,616	3,738
2.1- Fees for public fundraising	3,738	3,738
2.2- Costs of seeking other private funds	784	
2.3- Expenses related to the search for subsidies and other public grants	94	
3- OPERATING EXPENSES	718	300
Subtotal		13,047
I- TOTAL ALLOCATION OF FUNDS FOR THE YEAR RECORDED IN THE INCOME STATEMENT	18,796	
II- ALLOCATIONS TO PROVISIONS	41	
III- COMMITMENTS TO BE MADE FROM EARMARKED RESOURCES	1,241	
IV- FISCAL YEAR SURPLUS	806	
TOTAL	20,884	
V- Share of gross asset acquisitions for the year, paid for with resources collected from the public		
VI- Neutralisation of depreciation charges for assets funded from the first application of the regulation, with resources collected from the public		
VII- Total allocations financed by public funds		13,047
EVALUATION OF VOLUNTEER CONTRIBUTIONS IN KIND		
Social outreach	1,543	
Fundraising expenses	1,952	
Operating expenses and other expenses	549	
TOTAL	4,044	

RESOURCES

	Funds raised in 2019 = Income statement (2)	Monitoring of resources collected from the public and used in 2019 (4)
	In thousands of euros	
Deferral of non-allocated, unused funds raised from the public at the beginning of the fiscal year		
1- RESOURCES COLLECTED FROM THE GENERAL PUBLIC	13,625	13,625
1.1- Donations and bequests collected	13,625	13,625
- Unallocated manual donations	10,416	10,416
- Allocated manual donations	1,285	1,285
- Unallocated bequests & other gifts	1,925	1,925
- Allocated bequests & other gifts		
1.2- Other income related to public fundraising		
2- OTHER PRIVATE FUNDING	1,875	
3- SUBSIDIES AND OTHER PUBLIC GRANTS	3,947	
4 - OTHER INCOME	161	
I- TOTAL RESOURCES FOR THE YEAR RECORDED IN THE INCOME STATEMENT	19,608	
II- ADJUSTMENTS OF PROVISIONS		
III- DEFERRAL OF UNUSED ALLOCATED RESOURCES FROM PRIOR YEARS	1,277	
IV- VARIATION IN RESTRICTED FUNDS RAISED FROM THE PUBLIC		66
V- INSUFFICIENCY OF RESOURCES FOR THE YEAR		
TOTAL	20,884	13,691
VI- Total uses financed by resources collected from the public		13,047
Balance of non-allocated, unused funds raised from the public at year-end		645

EVALUATION OF VOLUNTEER CONTRIBUTIONS IN KIND

Volunteering	2,058	
Services in kind	1,670	
Donations in kind	316	
TOTAL VOLUNTARY CONTRIBUTIONS IN KIND	4,044	

Statutory auditor's report on the financial statements

For the year ended December 31, 2019

This is a translation into English of the statutory auditor's report on the financial statements of the Association issued in French and it is provided solely for the convenience of English speaking users.

This statutory auditor's report includes information required by French law, such as information about the appointment of the statutory auditor or verification of the management report and other documents provided to members.

This report should be read in conjunction with, and construed in accordance with, French law and professional auditing standards applicable in France.

To the members of the Association La Chaîne de l'Espoir,

Opinion

In compliance with the engagement entrusted to us by your annual general meeting, we have audited the accompanying financial statements of the association La Chaîne de l'Espoir for the year ended December 31, 2019. These financial statements were approved by the board of directors on May 18, 2020 on the basis of the information available at that date in the evolving context of the Covid-19 health crisis.

In our opinion, the financial statements give a true and fair view of the assets and liabilities and of the financial position of the Association as at December 31, 2019 and of the results of its operations for the year then ended in accordance with French accounting principles.

Basis for Opinion

Audit Framework

We conducted our audit in accordance with professional standards applicable in France. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our opinion.

Our responsibilities under those standards are further described in the "Statutory Auditor's Responsibilities for the Audit of the Financial Statements" section of our report.

Independence

We conducted our audit engagement in compliance with independence rules applicable to us, for the period from January 1st, 2019 to the date of our report and specifically we did not provide any prohibited non-audit services referred to in the French Code of ethics (code de déontologie) for statutory auditors.

Justification of Assessments

In accordance with the requirements of Articles L. 823-9 and R. 823-7 of the French Commercial Code (code de commerce) relating to the justification of our assessments, we inform you that the assessments which, in our professional judgment, were of most significance in our audit of the financial statements addressed the appropriateness of the accounting principles used and the overall presentation of the financial statements. These matters were addressed in the context of our audit of the financial statements as a whole, approved in the conditions mentioned above, and in forming our opinion thereon, and we do not provide a separate opinion on specific items of the financial statements.

Specific Verifications

We have also performed, in accordance with professional standards applicable in France, the specific verifications required by French law. We have no matters to report as to the fair presentation and the consistency with the financial statements of the information given in the management report of the treasurer approved on May 18, 2020 and in the other documents provided to members with respect to the financial position and the financial statements.

With regard to the events which occurred and the facts known after the date the financial statements were approved by the board of directors relating to the impact of the Covid-19 crisis, the management indicated to us that they will be communicated to the annual general meeting called to approve the financial statements.

Responsibilities of Management and Those Charged with Governance for the Financial Statements

Management is responsible for the preparation and fair presentation of the financial statements in accordance with French accounting principles, and for such internal control as management determines is necessary to enable the preparation of financial statements that are free from material misstatement, whether due to fraud or error. In preparing the financial statements, management is responsible for assessing the Association's ability to continue as a going concern, disclosing, as applicable, matters related to going concern and using the going concern basis of accounting unless it is expected to liquidate the Association or to cease operations. The financial statements were approved by the Board of Directors.

Statutory Auditor's Responsibilities for the Audit of the Financial Statements

Our role is to issue a report on the financial statements. Our objective is to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement. Reasonable assurance is a high level of assurance, but is not a guarantee that an audit conducted in accordance with professional standards will always detect a material misstatement when it exists. Misstatements can arise from fraud or error and are considered material if, individually or in the aggregate, they could reasonably be expected to influence the economic decisions of users taken on the basis of these financial statements.

As specified in Article L. 823-10-1 of the French Commercial Code (code de commerce), our statutory audit does not include assurance on the viability of the Association or the quality of management of the affairs of the Association.

As part of an audit conducted in accordance with professional standards applicable in France, the statutory auditor exercises professional judgment throughout the audit and furthermore:

- Identifies and assesses the risks of material misstatement of the financial statements, whether due to fraud or error, designs and performs audit procedures responsive to those risks, and obtains audit evidence considered to be sufficient and appropriate to provide a basis for his opinion. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control.
- Obtains an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the internal control.
- Evaluates the appropriateness of accounting policies used and the reasonableness of accounting estimates and related disclosures made by management in the financial statements.
- Assesses the appropriateness of management's use of the going concern basis of accounting and, based on the audit evidence obtained, whether a material uncertainty exists related to events or conditions that may cast significant doubt on the Association's ability to continue as a going concern. This assessment is based on the audit evidence obtained up to the date of his audit report. However, future events or conditions may cause the Association to cease to continue as a going concern. If the statutory auditor concludes that a material uncertainty exists, there is a requirement to draw attention in the audit report to the related disclosures in the financial statements or, if such disclosures are not provided or inadequate, to modify the opinion expressed therein.
- Evaluates the overall presentation of the financial statements and assesses whether these statements represent the underlying transactions and events in a manner that achieves fair presentation.

Paris-La Défense, June 5, 2020
The Statutory Auditor

French original signed by
Deloitte & Associates



Djamel ZAHRI

Statutory Auditor's Special Report on Regulated Agreements

Members' Meeting on the approval of the financial statements for the year ended December 31, 2019

This is a free translation into English of the Statutory Auditor's special report on regulated agreements that is issued in the French language and is provided solely for the convenience of English speaking readers. This report on regulated agreements should be read in conjunction and construed in accordance with French law and professional auditing standards applicable in France. It should be understood that the agreements reported on are only those provided by the French Commercial Code and that the report does not apply to those related party transactions described in IAS 24 or other equivalent accounting standards.

To the Members of the Association La Chaîne de l'Espoir,

In our capacity as Statutory Auditor of your Association, we hereby report to you on regulated agreements. It is our responsibility to communicate to you, based on information provided to us, the principal terms and conditions of those agreements brought to our attention, or which we may have discovered during the course of our audit, without expressing an opinion on their usefulness and appropriateness. It is your responsibility, pursuant to Article R. 612-6 of the French Commercial Code, to assess the interest involved in respect of the conclusion of these agreements for the purpose of approving them.

We performed the procedures we deemed necessary in accordance with the professional guidelines of the French National Institute of Statutory Auditors (*Compagnie Nationale des Commissaires aux Comptes*) relating to this engagement. These procedures consisted in verifying the consistency of the information provided to us with the relevant source documents.

AGREEMENTS SUBMITTED TO THE APPROVAL OF THE MEMBERS' MEETING

Agreements authorised during the year

Pursuant to Article R. 612-7 of the French Commercial Code, we have been informed of the following agreements, as mentioned in Article L. 612-5 of the French Commercial Code, which were authorised during the year.

Directors compensation agreement

Director concerned: Eric CHEYSSON, Chairman of the Board

The amount recognized as an expense for the compensation received by Eric Cheysson amounts to €20,262 for the period from July 1, 2019 to December 31, 2019.

Agreement with the French Medical Institute for Children-FMIC

Director concerned: Eric CHEYSSON, Chairman of the board of directors

Agreement on the treatment of indigent children.

The expenses recorded for the year ended December 31, 2019 amount to €2,669,370.

Paris-La Défense, June 5, 2020

The Statutory Auditor

French original signed by

Deloitte & Associates



Djamel ZAHRI

Acknowledgements

Our institutional donors



DG ECHO EUROPEAN CIVIL PROTECTION AND HUMANITARIAN AID OPERATIONS

The DG ECHO of the European Commission, "Based on humanitarian principles and as set out in the European Consensus on Humanitarian Aid, the EU provides needs-driven humanitarian aid to populations affected by natural and man-made disasters, paying particular attention to the most vulnerable victims. Aid is distributed impartially to affected populations, regardless of their ethnic or racial origin, religion, gender, age, nationality and political affiliation". In 2013, La Chaîne de l'Espoir became, like nearly 200 other European NGOs, a partner of DG ECHO by signing the Framework Partnership Agreement (FPA) that was renewed in 2014.

In 2018/2019, DG ECHO renewed the financial support that began in 2016 by contributing to the implementation of La Chaîne de l'Espoir's project in Jordan, which focuses on access to life-saving medical-surgical, cardiac and orthopaedic care and improving the living conditions of refugee children and young adults, particularly Syrian and Jordanian refugees, in highly vulnerable situations.

The integrated approach developed by this project is threefold:

- Strengthening of the referral pathway to provide patients with a services package tailored to their health needs, including mental health and protection.
- Cardiac and orthopaedic surgery, including early detection and post-operative medical follow-up, as well as psychosocial support.
- Training and capacity-building for healthcare professionals in Jordanian hospitals hosting La Chaîne de l'Espoir's medical teams.



AFD - Agence Française de Développement

"The Agence Française de Développement (AFD) Group is a public institution that implements France's development and international solidarity policy". In 2018, the AFD renewed its support for La Chaîne de l'Espoir's work in Afghanistan for a four-year period. In 2017, AFD also allocated a three-year financial contribution to the integrated project launched in January 2018 that La Chaîne de l'Espoir is implementing in Burkina Faso.

The project aims to prevent and treat children suffering from noma, facial diseases and malformations by raising awareness among populations, providing specialised surgery, increasing knowledge about these conditions among civilians, and providing medical care and social follow-up. In late 2018, the AFD confirmed its financial contribution over a three-year period to a health education project in Togo, which began in January 2019. This project focuses on an integrated approach to improving health and well-being in schools through:

- awareness-raising activities related to water, sanitation and hygiene, non-violence, as well as sexual and reproductive health rights.
- the implementation of action plans by students around these issues
- building the skills of school community members and caring for vulnerable children.



AUSTRALIAN AID - AUSTRALIAN HIGH COMMISSION IN GHANA

The Australian High Commission in Ghana has a Direct Aid Programme that

provides small grants, funded from Australia's aid budget, for projects designed to reduce poverty and ensure sustainable development in line with Australia's national interest. In 2019, with this support, Togo was able to carry out a project to provide and/or renovate water and sanitation facilities and improve their maintenance and hygiene in 8 schools in Tokoin (Lomé, Togo).

The project is both integrated and complementary to the broader action led by La Chaîne de l'Espoir in schools to build the capacity of school communities in order to improve their health and wellbeing.



CDCS CRISIS AND SUPPORT CENTRE (MEAE)

The Crisis and Support Centre was created in 2008 to mobilise and coordinate all the resources of the French

Ministry of Europe and Foreign Affairs and other administrations in the event of an international crisis. In order to strengthen the effectiveness of the French crisis response system, CDCS created a unit specifically dedicated to supporting crisis recovery processes within the Centre for Humanitarian Operations and Stabilisation (COHS) since July 2019. This unit includes: The Mission for Humanitarian Action (MAH) that coordinates the French government's emergency humanitarian response, participates in the development of humanitarian policy and ensures relations with the various partners (NGOs, international organisations, etc.); The Mission for Stabilisation that focuses on two main areas: rebuilding the rule of law and providing direct support to populations and civil society in post-crisis countries to help them overcome the crisis and participate in the process of rebuilding their country. The actions carried out by La Chaîne de l'Espoir in the Middle East (Iraq, Lebanon) that received financial support from CDCS in 2018, continued in 2019. In Iraq, the project aimed at helping the most vulnerable populations, in particular displaced persons and refugees, focused on access to healthcare and medical and surgical treatment of beneficiaries in health facilities in the region. It also provided a response to stabilisation efforts through support to healthcare facilities in Semmel and Bardarash by reinforcing the technical capacities and skills of local medical-surgical teams.

In Lebanon, the continuation of the programme to treat children suffering from congenital orthopaedic diseases and malformations focused on improving access to medical and surgical services for vulnerable children, particularly Syrian refugee children. It does so through an integrated approach, which includes diagnosis of congenital orthopaedic anomalies, developing and strengthening the referral network, raising awareness and training healthcare personnel (medical and paramedical), and raising awareness and training families to help them care for these children. 2019 saw the implementation of a project that aiming to strengthen the Iraqi healthcare system in the Sinjar region in northwestern Iraq. With the financial support of the CDCS, La Chaîne de l'Espoir was able to renovate and equip the operating room within the Primary Healthcare Centre in Sinjar and carried out part of the preliminary studies for the construction of the future general hospital in the region.

La Chaîne de l'Espoir will continue its activity in 2020 with the launch of a project to support the operations of the operating room and the development of a 2nd phase of the programme: the construction of the 1st women's health and paediatrics centre.

In late 2019, La Chaîne de l'Espoir carried out an exploratory mission in Venezuela, financed by the Crisis Centre. Its aim was to evaluate the local system (in Caracas) for the surgical care of the poorest adult and child patients. This mission also allowed us to take stock of the situation and identify needs in terms of equipment, medicine, and consumables, and to reinforce and support the healthcare and technical teams.



IDF REGIONAL COUNCIL ILE-DE-FRANCE

Within its " International Actions " framework, the CR-IDF proposes a contribution to the achievement of the 17

objectives of sustainable development (SDOs) adopted in 2015 by the United Nations General Assembly, particularly in the sectors of education, health, urban development, the fight against climate change, access to water and food security. In 2019, the Ile de France Regional Council awarded La Chaîne de l'Espoir an operating grant for the continuation of its work in Lebanon, the aim of which is to contribute to the improvement of the health, well-being and inclusion of vulnerable children, particularly refugee children. This funding makes it possible to continue our actions in favour of children and families, the vast majority of whom are refugees who fled the Syrian conflict and settled, often precariously in Lebanon, and this primarily through the strengthening of the local structure of La Chaîne de l'Espoir in the country.

Acknowledgements

Our partners



• Private companies

In 2019, our private partners supported us through:

- Corporate patronage, by funding a medical programme;
- Medical equipment, by offering us advantageous commercial conditions;
- Rounding up on salaries, by offering an easy way for employees to donate to La Chaîne de L'Espoir;
- Rounding up at the till;
- Local, sporting and cultural events;
- Skill-based sponsorship, by allowing employees to participate in a project with La Chaîne de L'Espoir.

Abbot Médical, Agence Pascal Desprez, Air France Mécénat Humanitaire, Avena Event, Algade, Altem, B Braun, Bernard Magrez SAS, Boehringer Ingelheim, Bouygues Bâtiments, Château Margaux, Clarins CF, Cora, Crédit Agricole Immobilier, Deloitte, DNCA Finance, DOW Chemicals, Drager Medical, Edwards, Emirates, Emvest International, Eneria, Erbe Medical, Gamida, Getinge, General Electric, In Girls We Trust, Inovimo, Institut Fontaine, Integral process, Intersurgical, Jubilee Automobile, Kfunds, Laparo, Médiplan, Medtronic, Mindray, Monaco Collectif Humanitaire, NM Medical, Novair, Oxybul Eveil et Jeux, PDG System, Peter Surgical, Pharmavie, Philips Medical, Planet Cards, Prodie Santé International NC, Promotiva, Roche Diagnostic, Roland Berger, Siemens France, Sorin, Smart Trade, Société Générale, Stryker, Medical Technology, Teleflex Telligo, Vlad.

• Foundations and corporate foundations

Cuomo Foundation, Engie Foundation, Etincelle Foundation, French Order of Malta Foundation, Fondation de France, Lefoulon Delalande Foundation, Fonds Mécénat Servier, Nehs Foundation, Pierre Fabre Foundation, Fonds Réflexe Solidaire, Karen Woo Foundation.

• Agencies

Agence Française de Développement, Agence Régionale de Santé de l'Océan Indien, French Embassies and Consulates in the countries where La Chaîne de l'Espoir operates, Australian Aid -

Australian High Commission in Ghana, Crisis and Support Centre of the Ministry of Foreign Affairs, Ile de France Regional Council, Directorate of International Cooperation Monaco, Directorate General for Humanitarian Aid and Civil Protection of the European Commission (ECHO), Institut National des Hautes Etudes de la Sécurité et de la Justice (INHESJ), French Ministry of Foreign Affairs, French Ministry of Defence, Prefecture of Reunion Island.

• Hospitals

Assistance Publique/Hôpitaux de Paris, Monaco Cardio-Thoracic Centre, Château des Côtes Les Loges en Josas Medical Centre, Centre de Réadaptation Cardiaque les Grands Prés, Dijon Blood Transfusion Centre, Sainte Anne Hospital, Caen University Hospital, Dijon University Hospital, Félix Guyon University Hospital of La Réunion, Lausanne University Hospital, Nantes University Hospital, Rennes University Hospital, Toulouse University Hospital, Tours University Hospital, Clinique Brétéché in Nantes, Clinique Chirurgicale in Boulogne-Billancourt, Clinique du Parc in Lyon, Clinique Jouvenet in Paris, Clinique Louis Pasteur in Toulouse, Clinique Médipôle in Garonne, Clinique Paul d'Egines in Champigny-sur-Marne, Hôpital Bichat, Hôpital Armand Trousseau, Georges Pompidou European Hospital in Paris, Hôpital Haut l'Evêque Pessac in Bordeaux, Hôpital Necker-Enfants Malades in Paris, Hôpital Robert Debré, Hôpital Saint-Joseph in Paris, Hôpital de la Timone in Marseille, Hospices Civils de Lyon, Institut Montsouris.

• Operational partners

Aviation sans Frontières, Bambini Cardiopatici Nel Mondo, Bien-Etre et Développement, Bilaadga,

Cadéia de Esperança, CPCS Child Protection Centers and Services in Nepal, Children and Future, Coordination Sud, Ensemble pour Eux, Face au Monde, Children of Africa Foundation, Fondation Paradis des Indiens en Haïti, Sentinelles Foundation, Friendship, Handicap International, Heartbeat-La Chaîne de l'Espoir Liban, House of Hope Foundation-Thailand, Hymne aux Enfants, Institut Necker de Pédiatrie in Haiti, Institut Zanjireh Omid, Jeunesse et Avenir Togo, Kanlayanamit Teachers' Group, La Chaîne de l'Espoir Belgium, La Chaîne de l'Espoir Luxembourg, La Voix du Paysan community radio station, Mécénat Chirurgie Cardiaque, Medair, Nyagbé, Première Urgence Internationale, Ribambelle, Robin Aid, Union of Relief & Development Associations, Taabar, Ton Kla Teachers' Group, Wash Volunteers.

- **Non-profit organisations**

AB CFAO, Académie Nationale de Chirurgie, American Dental Club of Paris, Les 20 Kilomètres de Paris Association, XL Biking Association, Association des Agents de Maintenance Biomédicale, Club des Entreprises d'Evreux, Collège National des Gynécologues et Obstétriciens Français, European Heart for Children, Faculté de Médecine de Paris, Fédération Opéra, Grande Loge Traditionnelle et Symbolique Opéra, Kiwanis, Humatem, La Voix de l'Enfant, Lions Clubs, Rotary Clubs, European Society of Cardiology, Société Savante de chirurgie orthopédique et traumatologique, Talents et Partage, UNOSEL, World Doctors Orchestra.

- **Media and advertising agencies**

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- **Local authorities, General Councils and municipalities**

- **Schools and Grandes Ecoles**

- **General public and sponsors**

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- **Our medical and paramedical teams, our host families, our volunteers, our reporters, our photographers, etc.**

- **Our Ambassadors**

Gil Alma, Wendy Bouchard, Michel Boujenah, Christelle Chollet, Michel Cymès, Anthony Delon, Natalie Dessay and Laurent Naouri, Marie Drucker, Marie-Agnès Gillot, Françoise Joly, Jean-Pierre Pernaut, Clem Chouteau.

- **We would also like to thank all the speakers who came to participate in our Mondays with La Chaîne de l'Espoir in 2019**

- Bernard Bajolet on January 7
- Pascal Boniface on February 11
- Nicolas Sarkozy on March 11
- Christine Ockrent on April 8
- Maitre Nathalie Tomasini on June 3
- Patrick de Carolis on September 16
- Christine Pedotti on October 7
- Françoise Barré Sinoussi on November 18
- Nicolas Jallot on December 2

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Together, let's save children