



BAYLOR COLLEGE OF MEDICINE
CHILDREN'S FOUNDATION -

COLOMBIA

2016 - 2017 ANNUAL REPORT



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MISSION

To provide high quality, ethical, influential medical care focused on families, using state-of-the-art technology, healthcare education and clinical research to impact the health and well-being of expectant mothers, children, and their families.

VISION

To create a healthier future for all expectant mothers, children, and their families in Colombia.

The photography in this report was generously provided by Smiley N. Pool.



LETTER FROM THE EXECUTIVE DIRECTOR

Dear Supporters,

In our fifth year operating with the Baylor College of Medicine Children's Hospital Foundation in Colombia, we made great strides in improving the health of the Wayúu indigenous communities from the municipality of Manaure and the Department of La Guajira.

In 2014, the Baylor College of Medicine Children's Hospital Foundation in Colombia began to improve the health of the La Guajira population. This initiative became a reality with the initial founder of the program Chevron Petroleum Company. Additional support of various private, government and mixed entities such as: Fundación Éxito (Éxito Foundation), Ecopetrol, the Health Vice-Ministry, the Colombian Society of Pediatricians, the Colombian Association of Obstetrics and Gynecology Professionals and the Colombian Institute for Family Well-Being (ICBF, for its initials in Spanish), among others has been obtained.

The BIPAI Foundation and Texas Children's Hospital in the United States guided the beginning of the SAIL (Health and Indigenous Self-Sufficiency in La Guajira) program.

Four principles have shaped our efforts in Colombia: Innovation, Interaction, High-Quality Medicine and Deep Knowledge of our patients.

We are proud to be the only foundation offering, along with the healthcare system, pediatrics, obstetrics and gynecology services in rural areas; additional prevention, identification, and early treatment services for children less than 5 years old and expectant mothers; nutritional monitoring for the population; and training for the healthcare staff in the department by a group of bilingual collaborators (Wayunaiki-Spanish), on topics such as health promotion, specialized medicine, and social work.

During 2017, we attended to more than 4,600 indigenous children and pregnant women with the Self Sufficiency Health Program in La Guajira. 368 direct villages are impacted, and our Birth Control Plan managed 509 women in to the mixed knowledge dialogues for birth control decisions.

Receiving the major award for our work in child malnutrition in 2016 and being acknowledged as a best practice in social investment for the hydrocarbons sector, has helped evolve our portfolio of services to include the needs of the communities in to the private investment plans.

Looking forward, we will continue to work to decrease the maternal and child morbidity and mortality rates in La Guajira and the rest of the country. To accomplish this goal, we need many more partners than we initially thought. We are sure that managing health initiatives with a holistic approach, that includes not only the absence of infirmity but also the management of the determinants of health, such as water, food insecurity is a true competence that BIPAI Foundations networks has obtained during the last 20 years.

Ana Maria Galvis
Executive Director

Right: Nutrition monitoring includes knowledge sharing on agriculture and livestock.

A woman wearing a vibrant orange sari with a floral pattern in shades of blue, red, and green is cradling a sleeping newborn baby. The baby is wearing a small orange and white headband. The woman's hands are visible, one with a red beaded bracelet. The background is softly blurred, showing more of the woman's attire and the baby's head.

WHO WE ARE

Values

Teamwork: We support each other and work together for the sake of our patients. We communicate actively and openly. We are reliable and loyal, among ourselves and with the organization. We build trust by fulfilling our commitments. We show respect for ourselves and for others.

Care: We treat every person we serve the same way we wish to be treated. Our goal is to be kind and patient all of the time; with our patients, trainees, partners and with our community.

Excellence: We provide high-quality influential and ethical medical care focused on families, healthcare education, and clinical research.

Innovation: We are creative in the application of problem resolution methods and technologies, always looking for ways to improve. We see opportunities in every challenge; we focus on solutions instead of on problems.

Diversity: We value and encourage the acceptance and respect of every individual. It means we understand that each individual is unique and recognize our individual differences to support an inclusive workplace that values the diversity of ideas and talents.

AT A GLANCE

“Managing not only the absence of the infirmity or disease but incorporating a holistic approach in our health initiatives is our main driver. Determinants of health such as: lack of water, food insecurity and education are included in our health holistic approach.” - Ana Maria Galvis

64

Total staff

529

Preganant women
screened

4,675
Patients treated

324

Health care
workers trained

10,949

Follow-up visits

596,609

Total Budget (USD)

1,585

Children screened

1,385
Children vaccinated

Key Programmes:

Care and Treatment

- Pediatrics and Obstetrics & Gynecology
- Community approach to malnutrition
- Food security
- Diagnostic testing
- Vaccinations
- Family planning
- Malnutrition Recovery Center
- First Thousand Days with ICBF

Education

- Safe maternity
- Public health
- Integrated Management of Childhood Illness (IMCI)
- Malnutrition management for children <5
- Midwifery
- Ethnic educational health training for indigenous community

Research

- Maternal and infant mortality
- Anemia and malnutrition in pregnant Wayúu women
- Malnutrition Recovery Center

2016-2017 HIGHLIGHTS

- **The Colombian Family Welfare Institute (ICBF) granted Baylor-Colombia \$450,000 to implement the First Thousand Days project**, an intervention designed to address nutrition needs of children during this critical period of development. 140 women and 340 children (<5 years) accessed nutritional recovery, medical attention and social support.
- **A three-day TB needs assessment and workshop was held with staff.** This initiative was funded by a \$15,000 Texas Children's Hospital Global Innovation Grant and supported by the International Office of Migration, the Ministry of Health and the La Guajira Secretariat of Health.
- **Baylor-Colombia and Baylor-Argentina hosted the 19th BIPAI Network Meeting in Johannesburg, South Africa.** The main objective was to provide a robust networking strategy to share innovation and scientific knowledge.
- **Chevron Colombia implemented a Look-Back Study to assess the impact of the SAIL program.** The exercise involved soliciting and reviewing stakeholder feedback, examining partner efforts and program sustainability.
- **The Baylor-Colombia pediatrician and OB/GYN participated in the government's mortality analysis.** A clear need to incorporate midwives in to the process to support the reduction of maternal mortality was demonstrated. The successful midwife training was duplicated in Manaure and Uribia.
- **ICBF awarded Baylor-Colombia an additional \$90,000 to operate a nutrition clinic in Manaure.** The Nutritional Recovery Center provides access to intramural care to support the recovery of 15 children with no additional pathologies.
- **Exitto Foundation approved a fourth renewal of the food program with Baylor-Colombia through July 2018.** The program supports food package delivery, a nutritionist, and an egg production project.
- **The Baylor-Colombia family program has reached 560 women.** Culturally-appropriate efforts include male partners education and counselling on family planning.



Baylor-Colombia has been developing an extra-mural care model for the indigenous population living mostly in the rural area of the municipality of Manaure, in La Guajira.

As the leading program for the decrease of maternal and child morbidity and mortality in La Guajira, Baylor-Colombia has structured a care model with three key components:

- To provide primary care services as an “entry door” (equitable access to basic health services), granting users proximity, intersectionality and participation.
- To integrate different levels of specialized, outpatient and inpatient care, and other healthcare services.
- To introduce coordination and integration mechanisms (referral and counter-referral systems, information, planning, monitoring and evaluation systems) and health care financing and coordination mechanisms.

Extramural Specialized Care

Two Texas Children’s Global Health Corps specialists (an obstetrician/gynecologist and a pediatrician) have been assigned to La Guajira.

These two experts provide specialized care at the Armando Pabón López and Nuestra Señora de los Remedios hospitals, and at the healthcare centers in the Mayapo, El Pájaro and Aremasain townships.

During 2017, the Foundation performed more than 10,949 consultations for the mother-child duo among the Wayuu population.

Diagnostic Exams

Obstetric ultrasounds provide images of the embryo or fetus in the mother’s uterus. This is an essential diagnostic method during pregnancy that was not widely available for women in La Guuajira prior to the implementation of the SAIL program. In 2015, 1,230 ultrasound studies were performed.

Community Approach to Management of Malnutrition

The community approach strategy was devised by the Ministry of Health and Social Protection (MSPS) and UNICEF to address severe malnutrition. This method is acknowledged for its effectiveness and its respect for the specific needs of the Wayúu people.

By addressing severe malnutrition without co-morbidities in an outpatient manner in the communities of Manaure, malnourished children do not need to visit a health-care services facility. Baylor-Colombia staff provide families with ready-to-use therapeutic formula and follow up constantly on the progress of the children.

In 2017, 75 infants were treated with ready-to-use therapeutic formula. 2,635 children under five years old have had growth and development monitoring that includes psychomotor development evaluation, nutritional and health condition evaluation, and advice to parents regarding vaccinations under the regular framework of the Expanded Program of Immunizations (PAI).

Exito Foundation Food Security Program

Since 2015, the Éxito Foundation has supported the SAIL food security program by providing food packages to 500 indigenous Wayúu families in Manaure and Riohacha with expectant mothers and 40 children diagnosed with severe malnutrition for a period of at least 6 months.

The program attempts to fulfill the nutritional needs of these households. Fundación Éxito's investment in this project is \$318,000 (US). Baylor-Colombia is the largest recipient of support in the country from Fundación Éxito to eradicate childhood malnutrition in a specific region.

Baylor Colombia focuses its efforts on building local healthcare capacity by training the community and healthcare staff serving the mother-child duo. In 2017, six areas were strengthened by execution of the following initiatives.

Promotion of Safe Maternity

One of the causes identified for maternal mortality is the lack of adherence of expectant mothers to health care services.

The main objective of this intervention is to implement strategies to decrease the high rates of maternal and perinatal morbidity and mortality by promoting expectant mothers' health, preventing disease, and overseeing and monitoring healthcare actors.

In 2017, a four-cycle training was designed to cover the issues of obstetric complications prevention, labor assistance, adequate prenatal care, and identification of

risk factors for expectant mothers. The training also provided guidelines on the provision of prenatal check-ups and achieving early and timely health interventions.

A simulation course for managing obstetric emergencies was held for 98 health staff in coordination with the health secretariat.

Healthcare Worker Training

Working alongside the medical and scientific divisions of Nuestra Señora de los Remedios and Armando Pabón López Hospitals in Rioacha and Manaure municipalities, Baylor-Colombia conducted weekly intern and physician trainings and follow-ups in order to improve mother and child services delivered by healthcare staff.

Integrated Management of Childhood Illness (IMCI)

Baylor Colombia focuses its efforts on protecting the health of pregnant women through prevention and monitoring activities. Topics covered by IMCI training with Wayúu community health workers include:

- Child care
- Protecting children's health
- Nutrition
- Vaccination
- Development oversight
- Home accidents prevention
- Childhood illness causes and prevention
- General preemptive measures

A curriculum tailored to training indigenous health workers to identify at-risk and ill infants, children and pregnant women was developed and accessed by more than 125 health workers.

Baylor-Colombia's team of indigenous community healthcare workers working were trained and certified on IMCI, thanks to the partnership established with the National Learning Service (SENA).

Training for Management of Severe Malnutrition of Children 0-59 Months Old

Working with UNICEF and the Ministry of Health, Baylor-Colombia staff received training in the implementation of guidelines for the comprehensive care of children 0-59 months old with severe malnutrition.

UNICEF and the Ministry of Health provided a support tool for the proper identification, treatment and monitoring of moderate acute malnutrition and severe acute malnutrition, by addressing:

- Conceptual background
- Basic principles for management of moderate and acute severe malnutrition
- Inpatient care of children 0-59 months old with severe malnutrition but without medical complications
- Outpatient care of children 0-59 months old with severe malnutrition and medical complications.

Midwife Training

Indigenous communities have a high rate of perinatal morbidity and mortality. Among the Wayúu, birth attendants are in charge of deliveries within the community. Recognizing the importance of the work performed by the attendants and their position within the community, Baylor-Colombia collaborated with several partners to implement a training for midwives. Working with SENA, municipal and departmental health authorities, Wayúu community members, and the Division of Human Talent Development in Healthcare of the Ministry of Health, Baylor-Colombia delivered trainings in the municipalities of Manuare and Uribia. In addition to the training, 125 midwife kits were provided.

Ethnic Educational Health Training for the Indigenous Community

The Baylor-Colombia team of Wayúu healthcare workers helps to address the needs of the community through outreach and education activities. This education model works by training the healthcare workers to teach the community how to see themselves as a source of solutions for their own health issues and by organizing the community to advocate for their own development. The promoters also works to help people understand their rights and obligations under the healthcare system.

SUSTAINABLE DEVELOPMENT GOALS

In September 2015, the General Assembly adopted the 2030 Agenda for Sustainable Development that includes 17 Sustainable Development Goals (SDGs). Building on the principle of “leaving no one behind”, the new Agenda emphasizes a holistic approach to achieving sustainable development for all.



By 2030, eradicate extreme poverty for all people everywhere, currently measured as people living on less than \$1.25 a day.

- 4 years of formal Job generation for 12 Wayuu Health Workers with minimum wage and social security benefits in place
- Certification as health promoters for all personnel staff
- 7.917 food packages delivered to Wayuu families with pregnant women or children under five years old with malnutrition
- Intervention of 12 wayuu villages with a chicken production project, towards food security. Egg production from weekends, 10 eggs per family, its sell and distribute between project sustainability (50%) and cash per family.



End hunger achieve food security and improved nutrition and promote sustainable agriculture.

- Chicken production project to improve nutrition and promote sustainable agriculture practices. The project produces of 30 eggs weekly per family. Egg production from weekends, 10 eggs per family, its sell and distribute between project sustainability (50%) and cash per family. More than 23.040 eggs produced yearly 5.760 eggs sold yearly to maintain the project and generate income to the workers.
- 1.017 children recovered from all forms of malnutrition with the outreach implementation of the First 1.000 days to change the world strategy in coordination with the National Welfare Institute in Colombia (ICBF)
- 7.917 food packages delivered to Wayuu families with pregnant women or children under five years old



Ensure healthy lives and promote well-being for all at all ages.

- 8 health gaps identified during the base line have evolved positively: 1. Vaccination, 2. Prenatal iron, 3. Zin sulfate supplement, 4. Health Insurance Access, 5. Civil New Born Registration Card
- 5 maternal mortality cases register in the direct area of influence of the project since

2014 (172 villages) helping reduce the ratio to less than 70 per 100,000 live births

- 21 mortality analysis units supported by Baylor Colombia for La Guajira state. 6 cases were linked to malnutrition a none of them occurred in Manaure during 2018, were SAIL program is being executed.
- The family planning and contraception exercise with 3 types of intervention, accepted by the Wayuu family nucleus (monthly and quarterly injectables and implants). The program is articulated with the team of health promoters in the field of the Baylor Foundation for Wayuu women reaching 671 indigenous women under family planning practice per 2018, helping to ensure universal access to sexual and reproductive health-care services, including for family planning, information and education, and the integration of reproductive health into national strategies and programs.
- Up to 2017, 3.454 children under 5 years old with access to general medicine and pediatric care
- Up to 2017, 2.037 women under birth control
- 7 physicians deployed to the Manaure municipality were no Pediatric or OB/Gyn attention was available before SAIL program arrived
- 58 Outreach campaigns for oral sanitation
- 5.101 impacts made through education campaigns
- 3.503 ultrasounds made for the prenatal control project



Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all.

- 807 hours of mentoring in health for health professionals and indigenous community members to eliminate gender disparities in education and ensure equal access to all levels of education and vocational training for indigenous peoples and children in vulnerable situations
- 82 No. of regional health promoters (non-SAIL) receiving mentoring of Malnutrition guideline management



Achieve gender equality and empower all women and girls

- 70% of staff are indigenous and women
- Campaign against child labor, with the Well Fare Institute, to support the elimination of all forms of violence against all girls and boys in the public and private spheres, including trafficking and sexual and other types of exploitation
- Family Planning Dialogues to obtained 671 women under family planning control to ensure universal access to sexual and reproductive health and reproductive rights as agreed in accordance with the Program of Action of the International Conference on Population and Development and the Beijing Platform for Action and the outcome documents of their review conferences



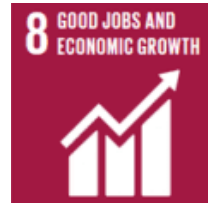
Ensure availability and sustainable management of water and sanitation for all.

- 267.000 gallons of clean water donated to the wayuu communities during the dry season thanks to Exito Foundation and Credibanco to support the universal and equitable access to safe and affordable drinking water for all. The initiative Support and strengthen the participation of local communities in improving water and sanitation management
- 38 Knowledge dialogues with community members for the use of chlorine tablets



Ensure access to affordable, reliable, sustainable and modern energy for all.

- Thanks to the international cooperation of Chevron to facilitate access to clean energy and technology a delivery of solar lamps, to Wayuu midwives who participated in the dialogue of knowledge of good practices for the care of childbirth, was made.



Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all.

- USD \$950K spend on employment generation between employees during these 4 years
- 70% of staff are indigenous
- 3% of staff is from Venezuela. They were enabled to work according to the work out for migrant workers.
- To promote sustainable tourism that creates jobs and promotes local culture and products, 170 Mochilas (Indigenous Wayuu Bags) were included as a souvenir during the 19th BIPAI Network meeting in Johannesburg and 80 wallets were sold to the participants. All items came from local producers
- All indigenous staff was ensuring with a local labor contract and certification of employee for opening bank accounts for payroll purposes to encourage and expand access to banking, insurance and financial services for all
- 3 research are initiatives are place to enhance scientific research and help the national authorities strengthen the national health policies:
- Assessment of the Effects of Anemia and Malnutrition in Pregnant Women in the Indigenous Wayuu Population Treated at the Mayapo and El Pájaro Medical Centers in the Municipality of Manaure, La Guajira, Colombia



Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation.

- Description of the health needs of children under the age of five with malnutrition in the municipality of Manaure in La Guajira, Colombia.
- Analysis of children with malnutrition treated by SAIL in the community; the hospital Armando Pablo Lopez of Manaure; or the Health Centers (CS) of Pájaro, Mayapo, and Aremasahin in 2016
- EPI Info a public domain suite of interoperable software tools designed for the global community of public health practitioners and researchers its being adapted to SAIL Project. It provides for easy data entry form and database construction, a customized data entry experience, and data analyses with epidemiologic statistics, maps, and graphs for public health professionals who may lack an information technology background.



Promote peaceful and inclusive societies for sustainable development, provide access to justice for all and build effective,

accountable and inclusive institutions at all levels

- Joint efforts with the Javeriana University were developed to formulate the New Model to Attend dispersed population in La Guajira, MIAS, under the coordination of the Ministry of Health.
- The initial strategy of working the mother child duo to promote a healthy status initially executed in La Guajira by Baylor Colombia, has been promoted as a national strategy by the National welfare instate as the First 1.000 days strategy a partnership was signed to implement the strategy by Baylor Colombia in the municipality of Manaure.
- Refer and ensure New Born Registration Card process to provide legal identity for all. 150 casas successfully closed.
- Because of the new tax reform for Non-Profit Organization, included in Decree 2150 Dec 2017 in Colombia, the Board needs to formally approve that any surplus will not be distributed and will continue being used for the objective of Baylor Foundation in Colombia and published all financial information to ensure public access to information and protect fundamental freedoms, in accordance with national legislation and international agreements.

LEADERS

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Ana Maria Galvis

Executive Director

Eliana Vilera

Site Coordinator

Dr. Cristhian Daza

Obstetrician/Gynecologist

Gina Panefleck

Chief Nurse, Malnutrition Recovery Center

Dr. Arnoldo Palomino

Pediatrician

Maritza Medina

Finance & Administration Manager

PARTNERS

Our work is made possible by numerous partners and supporters.



Back cover: Baylor-Colombia healthcare workers sort through food packets provided by Fundación Exito.

BAYLOR-COLOMBIA

Baylor College of Medicine Children's Foundation-Colombia

CRA 70 NO. 119A - 33
Bogota, DC

Tel + 571 3 00 14 74

www.fundacionbaylorcolombia.org

