

FY 2025-26 GLOBAL GRANT PROJECT

Children's Cancer Treatment Initiative

**Host Club - Plateros Centro
Histórico D4170**

**International Sponsor –
Carmel IN D6560**



Comité Fundación Rotaria
Distrito 4170 - México
2023-2026

Community Needs



- Every year, over 6,000 children in Mexico are diagnosed with cancer. Cases are nearly evenly split between hematologic and solid tumors.
 - *This staggering statistic underscores an urgent need for specialists, **state-of-the-art equipment** and **hospital beds** to provide adequate care.*
- The **Hospital Infantil de México Federico Gómez (HIMFG)** stands as the nation's largest facility dedicated to pediatric cancer treatment.
 - *The expertise of HIMFG's specialists is crucial in battling this disease, and there is a pressing need for a **bronchoscope** to assist in their life-saving work.*
 - *The HIMFG is **one of the very few public institutions capable of signing a contract with civil associations.***



Global Grants - Area of Focus Disease Prevention and Treatment



- Children with hemato-oncological pathology and immunocompromised conditions who develop **pneumonia or other pulmonary and interstitial alterations as complications of immunosuppressive treatment can be detected in a timely manner through bronchoscopy** with bronchoalveolar lavage (BAL).
 - This procedure is indicated for its high diagnostic yield (up to 80%), and through this procedure, we obtain the isolation of bacteria, viruses, and fungi that frequently affect children with cancer and immunocompromised conditions.
 - **BAL has a value similar to that obtained with open lung biopsy.**

Sustainability



- The bronchoscope would be an essential tool for addressing respiratory conditions in children with cancer. A new piece of equipment would allow:
 - Obtaining biopsies in the lungs of over **50 children per year**.
 - Evaluate **several hundreds of kids per year** with immunocompromised conditions who develop pneumonia or other pulmonary and interstitial alterations, particularly those affected by cancer.
 - The brand new bronchoscope has a lifespan of +5 years. Thus, with minimal expenses to replace disposable parts, **we will save thousands of children**.
- The hospital's highly specialized staff is expertly trained to operate and maintain this critical equipment independently, without requiring any additional resources.

To keep things working



Success Metrics and Reports:

- **Tracking Metrics:**
 - Number of patients assisted with the bronchoscope.
 - Evaluation of how this study has impacted children's treatment plans.
- Monthly reports will be generated over the course of a year with the assistance of HIMFG.

Maintenance, Managing, and Operating Costs:

- All maintenance and operational costs for the bronchoscope will be covered by HIMFG.

Budget

CONCEPT	Pcs	COST US. D.	TOTAL US. D.
Bronchoscope set <i>A "minimum" set includes:</i> <ul style="list-style-type: none"> 1 Bronchovideoscope Evis Exera III (Olympus) BF-1TH190. 1 Bronchovideoscope Ultrathin Exera III (Olympus) BF-XP190. 1 Videoprocessor Evis x1 w/5 led spectrum technology. 1 Olympus 4K LCD Display OEV321UH. 1 WM-NP3 Cabinet with standard GI configuration. 1 Maintenance unit compatible w/Evis Series by Olympus. 1 Leak tester compatible w/Evis Series by Olympus. 1 Image capture system SIIMED HD (w DVI/HDMI cable). 50 EndoJaw biopsy forceps, standard cup, oval fenestrated 2mm (single use) 50 Display combo cleaning brush 2.0-4.2 mm ch 22000 mm 50 Disposable spiral basket, 11 mm channel, 1.2 mm, 115 cm working length 1 Bronchial cytology brush BC-202D-2010 1 Bronchial cytology brush BC-202D-1210 	01	\$ 195,500.00	\$ 195,500.00
Total amount			\$ 195,500.00

- Bronchoscope budget was secured through HIMFG, based on a quote from one of their suppliers.
- *Supplier is from Mexico. VAT and warranty is included.*

Funding in US Dollars (exchange rate 18.5:1)

Sponsor	Amount USD
Plateros Centro Historico Rotary Club & others	\$20,000
District 4170 DDF	17,500
US Sponsor & Other Partners DDF	80,000
Rotary Foundation Match	78,000
Total Amount	\$ 195,500

The
Rotary
Foundation



**Comité Fundación Rotaria
Distrito 4170 - México
2023-2026**

Alejandro Flores Méndez

Email: alejandro.flores@coive.mx

Móvil: +52 55.1948.0128