



GLOBAL GRANT 2463524



Neonatal Cardiac Screening in Hidalgo

Pachuca Plata D4170 – Mexico Host Club

District 6880 AL – International Sponsor District

July 1, 2024

Elaboró: Comité de la Fundación Rotaria del Distrito 4170
Periodo: 2023 - 2026



Community Needs



- a) **There is a significant percentage of newborns in Hidalgo who are born with undiagnosed congenital heart disease, they need to be diagnosed**
- b) **Delay in the diagnosis of CHD is associated with greater disability, morbidity and mortality**
- c) **The challenge is to reduce the neonatal mortality rate caused by critical heart disease**
- d) **There are 13 public hospitals in Hidalgo where cardiac screening was being performed until before the pandemia**
- e) **Cardiac screening will be added to the metabolic, auditory, and ophthalmological screenings that are currently performed on all newborns**



AREA FOCUS: MATERNAL AND CHILD HEALTH

- a) Congenital heart disease occurs in approximately 1 in every 100 live births.
- b) Children with congenital heart disease, 25% will have CCHD
- c) Responsible for 24% of infant deaths due to birth defects
- d) There will be benefited 20,000 children that will be born in 13 hospitals per year (60,000 children over the three year program)
- e) IN ORDER TO REACTIVATE THE CARDIAC NEONATAL SCREENING IN HIDALGO FOR THE NEXT THREE YEARS, WE NEED 6,000 SENSORS FOR CARDIAC SCREENING**





Sustainability

- a) The Neonatal Heart Screen is a program implemented in Hidalgo since 2015
- b) The 13 public hospitals in Hidalgo have a pulse-oximeter
- c) The Senate Health Commission , approved the initiative to reform article 61 of the General Health Law, to make it mandatory to perform the Neonatal Cardiac Screening for all newborns in Mexico
- d) Agreement with SSH to integrate it as an annual program with its own budget





Budget in pesos

CONCEPT	UNITS	COST OF EACH BOX	COST PESOS
Box - 20 sensors each	300 boxes	9,150	2,749,200
Total Amount			2,749,200



Funding in US Dollars (Exchange rate 18:1)

Sponsor	Amount USD
Pachuca Plata club	\$19,000
District 4170 DDF	11,000
US Sponsor & Other Partners DDF	63,296
Rotary Foundation Match	59,437
Total Amount	\$152,733

The
Rotary
Foundation



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