



# IMPACT EVALUATION REPORT

**Program:** Remedy Mission X

**Location:** Fallujah, Iraq

**Dates:** July 1-7, 2012

**Catheterization Partners:** For Hearts and Souls

**Other Partners:** Living Light International, Iraqi Ministry of Health

Total children served: 47

**Interventional Catheter Corrections Provided:** 7

**Diagnostic Caths Provided:** 5

**Diagnostic Echos:** 47

**Cost-per-Correction in Aid from Int'l Donors:** \$2,101

The following report was compiled by the Preemptive Love Coalition (PLC) for our donors and other constituents for the purpose of evaluating the impact of our catheterization training programs in and across Iraq. In an effort to operate with excellence and transparency in all aspects, this report includes medical, financial, and training data.

## Summary

In the time between July 1 and July 7, 2012, the Preemptive Love Coalition (PLC) brought For Hearts and Souls (FHAS) to Fallujah, Iraq - with the help of Living Light International and the Ministry of Health for the Republic of Iraq - for our first round of training and treatment aimed at long-term development for local cardiac care professionals in the city of Fallujah, Iraq.

Over the course of the one-week mission, we provided heart catheterizations to 12 children, of which 7 were interventional (correctional) and 5 were diagnostic. The American medical team also worked to train local staff providing a cumulative of over 250 continuing medical education (CME) training hours.

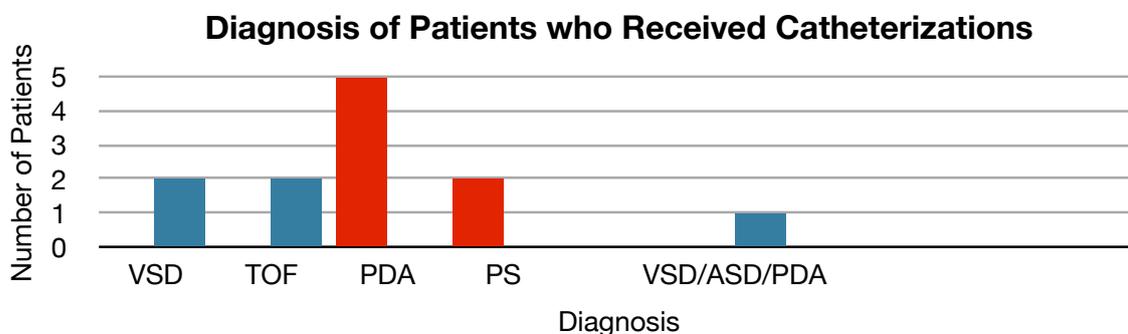
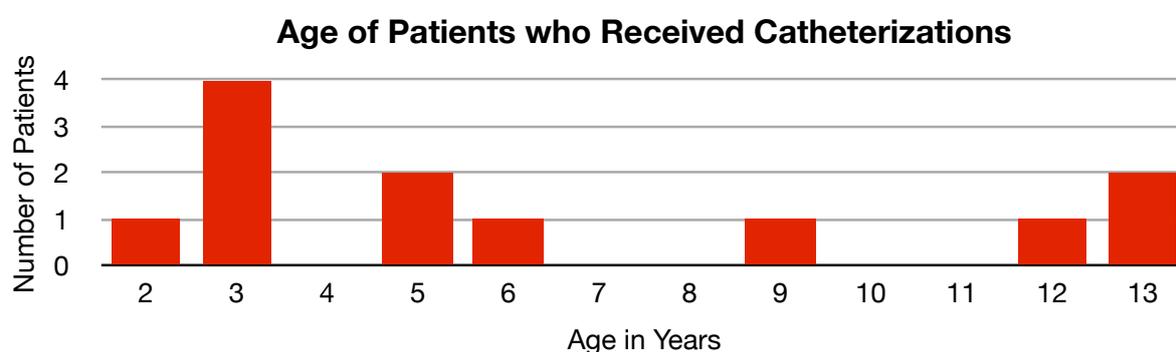
The total monetary *value* of the mission contributed by all partners (including cash from foreign and local entities, in-kind material donations and in-kind volunteer services) was \$110,625.

PLC was required to raise \$50,220 in cash to cover all upfront costs (except local accommodations). After all expenses were paid for with aid from our international donors, and upon the completion of all surgeries, the Iraqi Ministry of Health made a \$25,000 contribution to the Preemptive Love Coalition, effectively reducing the final cash cost of the mission in aid from our international donors to \$25,220, with a cost-per-correction of \$2,101.

# Our Patients

Patients were jointly selected by the local medical professionals and the international team from a prepared list. Patients were selected variously on the basis of perceived urgency, time on the waiting list and suitability for an educational intra- and post-operative experience for the local team.

The following chart expresses the age of the patients who were selected to receive heart catheterizations during Remedy Mission X.



■ intervention

■ diagnostic

## Explanation of terms

VSD - ventricular septal defect  
TOF - tetralogy of Fallot  
PDA - patent ductus arteriosus  
PS - pulmonic stenosis

# Training of Local Staff

This report will not attempt to make claims regarding the long-term, macro-development that was wrought through any single interventional mission. We will seek to address macro-development in annual program reports.

However, there are some quantitative data worth noting.

Remedy Mission X included 4 days of catheterizations in which the international medical team of 7 volunteers gave their time and expertise to develop the local catheterization team and ICU staff. Among these were medical professionals from Fallujah, Baghdad and Tikrit, thereby providing an educational and inspirational impact on healthcare professionals working in three different governates of Iraq: Al-Anbar, Baghdad, and Salah ad Din.

The table below details the estimated hours of training given to the local staff:

Position	Cumulative Total Training Hours
Technicians	64
Anesthesiologists	64
Cardiologist	128
<b>Total</b>	<b>256</b>

We provided over 250 hours of hands-on training to doctors, engineers and technicians that would not have otherwise been provided without this program.

These numbers are approximates based on the English speaking local staff present during the cath procedures.

NOTE: Our hourly teaching estimations for Remedy Missions I through IX received critique among our partner organizations. In absence of an obvious calculation methodology, PLC did our best previously to use a running time sheet of actual surgical hours and local staff present to estimate the purposeful and relational teaching that took place. In light of recent criticisms of that methodology, however, we have truncated the number down for this report as we attempt to find a fireproof methodology for assessing team-based teaching and learning environments.

# Financials

## In-Kind Donations of Supplies, Medications, Equipment, & Time

This Remedy Mission lasted 7 days, including 2 days for travel, 1 day for screening and 4 total days for catheterizations. During each mission, our international medical team of volunteers give their time and expertise to develop the local cath lab and ICU staff.

The formula we use to calculate the in-kind value of the time volunteered is derived from the American International Health Alliance and the United States Agency for International Development. This is basically meant to show what it *would* cost to pay market value for these services as a means of understanding the cost/value ratio of our efforts in Iraq. This is merely an estimate and is not intended for any other purpose:

- Physicians & biomedical engineers = \$1,275/day
- Nurses & technicians = \$675/day

Total value of time donated by FHAS staff and volunteers = \$45,150

- 4 Physicians/Engineers X 7 days X \$1,275 = \$35,700
- 2 Nurses/Technicians X 7 days X \$675 = \$9,450

Total value medicine & medical supplies donated by FHAS = \$2,550

Total value of mission in medical supplies and time = \$47,700

## Financial Partners

Multiple organizations and individuals contribute to cover the total financial cost of each Remedy Mission. While PLC plays a major role in coordinating, organizing, and executing each mission, we have designed the program so that the majority of the necessary funds come from local, Iraqi sources. This financial report does not attempt to account for "indirect costs," such as the costs to local healthcare systems, the cost of a family to travel to the hospital, the opportunity costs of lost income for families as they wait for echos, cath, etc.

The total cost for Remedy Mission X, including the hospitality expenses paid by the local government, was approximately \$62,925. PLC was required to raise \$50,220 to cover all costs except local accommodations. After all expenses were covered in advance with aid from our international donors, and upon the completion of catheterizations, the Iraqi Ministry of Health made a \$25,000 contribution to the Preemptive Love Coalition, effectively reducing the total cash cost of the mission in aid from our international donors to \$25,220, with a cost-per-cardiac-correction of \$2,101.

## Breakdown of Expenses

The chart below shows how each dollar between February 19 and July 15, 2012 was spent to cover the total cash needs of Remedy Mission X.

Expense	Amount	Donor Group
Airfare & Transportation - PLC Staff	\$1,862	PLC International Donors
Airfare FHAS	\$16,487	PLC International Donors
Equipment Purchase for FHAS	\$20,000	PLC International Donors
Local Accommodations (Food, Hotel, Transport) <sup>†</sup>	\$12,705	Health Directorate, Anbar Province, the Republic of Iraq
Local Program Staff, Translation and Legal	\$7,500	PLC International Donors
Program Communications	\$480	PLC International Donors
Program Office Rent, Utilities and Supplies	\$3,891	PLC International Donors
<b>Total</b>	<b>\$62,925</b>	



<sup>†</sup> PLC was not privy to the exact amount spent on this item. Amount is derived from per diem recommendations by the United States Government for this area of Iraq.

This report may include expenses related to other missions, either follow-up from the past or scouting for the future

## List of Donors for Remedy Mission X

**Our deep gratitude to Ms. Nahoko Takato**, whose deep love for the people of Fallujah compelled and enabled us to get involved. Ms. Takato provided \$14,000 for the launch of this inaugural mission in Fallujah, Iraq.

**Additional thanks to Mr. Earl and Mrs. Kathy Haberman**, whose generous gift after a late night airport ride enabled us to see this dream come true.

**And lastly, we thank Mr. Ted Haddock and The Haddock Family Foundation** - without your generous gifts over the last six months this historic development for the people of Fallujah would not have been possible.

Our thanks also to the following donors that gave an additional \$1,013 that was applied specifically to this project:

LoriAnn Lavallee  
Andreas Holzenburg  
Siddharth Thawrani  
Nour Al Aameri  
Rachel Dacke  
Norair Wartan  
Chandler Smith  
Weslet Sherry  
Farah Alsudani  
Lauren Sawyer  
Terri Blackshear  
Landon Stapleton  
Amy Larson  
Crystal Hammans