



IMPACT EVALUATION REPORT

Program: Remedy Mission VII

Location: Nasiriyah, Iraq

Dates: November 5 - 19, 2011

Surgical Partners: International Children's Heart Foundation

Other Partners: Living Light International, Iraqi Ministry of Health

Total Children Served: 24

Surgeries Provided: 16

Interventional Catheter Corrections Provided: 8

Cost Per Child in Aid from Int'l Donors: \$721

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 surgical training programs in and across Iraq. In an effort to operate with excellence and transparency in all aspects, this report includes surgical, financial, and training data.

Summary

In the time between November 5 and November 19, 2011, the Preemptive Love Coalition (PLC) brought the International Children's Heart Foundation (ICHF) to Nasiriyah, Iraq - with the help of Living Light International and the Ministry of Health for the Republic of Iraq - for our fifth round of training and surgeries aimed at long-term development for local cardiac care professionals in the city of Nasiriyah, Iraq.

Over the course of the two-week mission, we provided heart surgery to 16 children and interventional catheter corrections to 8 children, totaling 24 children served. The international team also worked to train local staff providing a cumulative of over 4,000 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 \$320,925.

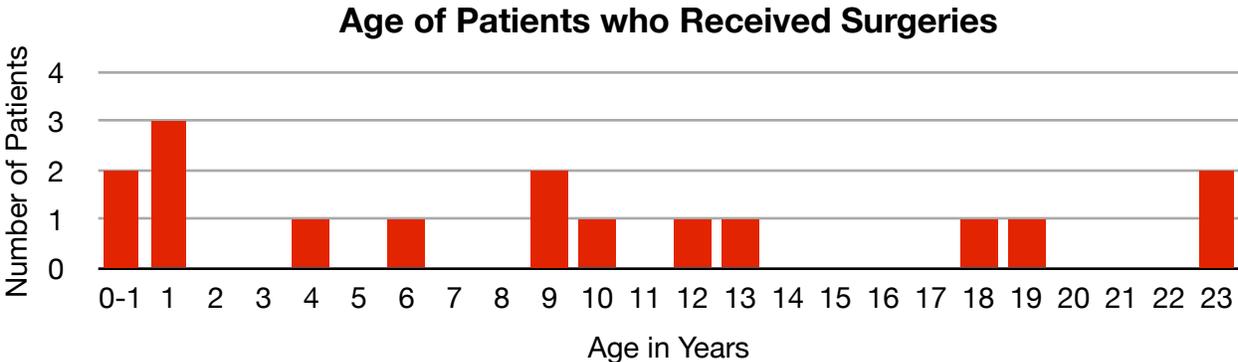
PLC was required to raise \$87,299 in cash to cover all upfront costs except local accommodations. After all expenses were paid for with aid from our international donors, and upon the completion of all surgeries, the Iraqi Ministry of Health made a \$70,000 contribution to the Preemptive Love Coalition, effectively reducing the total cash cost of the mission in aid from our international donors to \$17,299, with a cost-per-child of only \$721.

Our Patients

Patients were jointly selected by the local medical professionals and the international surgical team from a prepared list. Patients were selected variously on the basis of perceived urgency, time on the waiting list and suitability as an educational growth opportunity for the local team.

Patient information was recorded for medical purposes on perfusion and anesthesia reports, with demographic and social data recorded into PLC's own database.

The following chart expresses the age of the patients who heart surgeries during Remedy Mission VII. Children who received interventional (corrective) catheterizations are not included herein.



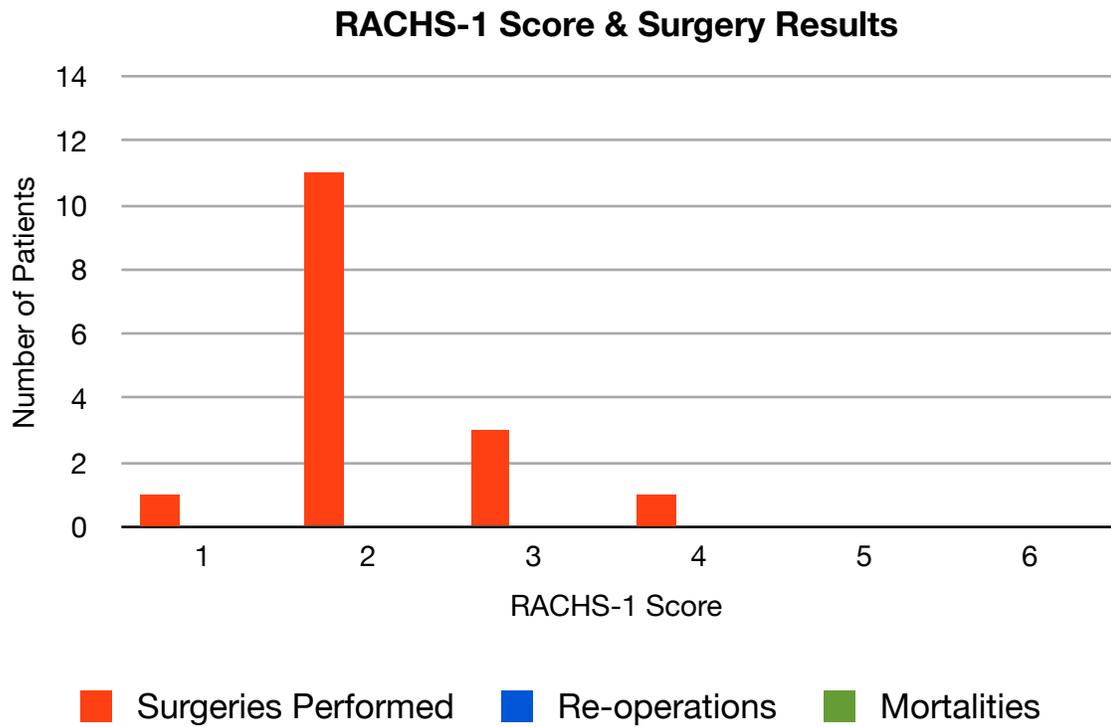
Risk Adjustment for Congenital Heart Surgery Score (RACHS-1) and Summary of Surgeries Performed

Each qualifying patient is assigned a RACHS-1 (Risk Adjustment for Congenital Heart Surgery) score. This scale allows physicians to rate the risks of mortality for patients undergoing corrective surgery for congenital heart defects. Based upon the type of defect(s) present, a score is assigned from 1 (the lowest risk of mortality) to 6 (the highest risk of mortality). The following chart summarizes relevant surgical data from Remedy Mission VII and the number of patients assigned to each RACHS-1 score.

Mortalities

All pediatric heart surgeries in world class pediatric hospitals carry at least a 2-10% chance of mortality. Our entire *raison d'être* is predicated on the reality that hospitals in Iraq are even less prepared for these complicated surgeries. They are, therefore, susceptible to higher mortality rates. Of course, the local and international team do not merely accept these complications and mortalities. We publish our results precisely because we are constantly striving for public accountability and trying to attain greater levels of expertise and

surgical perfection. We think that your donations - and our claims of success - should be based on real data.



There were no mortalities during this mission.

Training of Local Staff

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

However, there are some quantitative data worth noting.

Remedy Mission VII included 10 days of surgery in which the international medical team of 17 volunteers gave their time and expertise to develop the local surgical and ICU staff. The table below details the type of training the local staff received as well as the hourly totals.

Position	Cumulative Total Training Hours
ICU Nurses	1300
Intensivist	200
Surgeons	250
Surgical Residents	250
Scrub Nurses	500
Anesthesiologists	300
Perfusion Technicians	300
Perfusion Students	600
Circulation Nurses	250
Ward Nurses	300
Total	4,250
Total for all Nursing	2,350
Total for all Physician	1,000
Total for all Technician	900

We conservatively provided over 4,000 hours of hands-on training to doctors, engineers, technicians, and nurses that would not have otherwise been provided without this program.

Financials

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

Each Remedy Mission lasts 14 days, including approximately 2-4 total days for travel, 9-10 total days for surgery, and one day of rest mid-mission. During each mission, our international medical team of volunteers give their time and expertise to develop the local surgical 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 estimated and is not intended for any other purpose:

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

Total value of time donated by ICHF staff and volunteers = \$202,650

- 5 Physicians/Engineers X 14 days X \$1,275 = \$89,250
- 12 Nurses/Technicians X 14 days X \$675 = \$113,400

Total value medical supplies & equipment donated by ICHF = \$5,566

Total value of mission in medical supplies and time = \$208,216

Financial Partners

Multiple organizations and individuals contribute to cover the total financial cost of each Remedy Mission. While PLC plays a vital role in coordinating, organizing, and executing each surgical 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 surgery site, the opportunity costs of lost income for families as they wait for surgery, etc.

That said, the total cost for Remedy Mission VII, including the expenses paid by the local government, was \$112,709. PLC was required to raise \$87,299 to cover all costs except local accommodations. Then, after all expenses were covered with aid from our international donors, and upon the completion of surgeries, the Iraqi Ministry of Health made a \$70,000 contribution to the Preemptive Love Coalition, effectively reducing the total cash cost of the mission in aid from our international donors to \$17,299, with a cost-per-child of only \$721.

Breakdown of Expenses

The chart below shows how each program dollar was spent between June 26 and November 5, 2011 to cover program expenses.

Expense	Amount	Donor Group
Airfare: ICHF Staff & Vols, PLC Staff	\$38,047	PLC International Donors
Retainer to ICHF for Surgical Labor‡	\$30,000	PLC International Donors
Local Accommodations (Food, Hotel, Transport)	\$25,410†	Health Directorate, Thi-Qar Province, the Republic of Iraq
Local Program Staff, Translation and Legal	\$15,668	PLC International Donors
Program Auto/Transportation	\$124	PLC International Donors
Program Communications	\$689	PLC International Donors
Program Field Services	\$35	PLC International Donors
Program Office, Rent, Utilities and Supplies	\$2,736	PLC International Donors
Total	\$112,709	

Expenditure



‡ Some organizations demand a strictly volunteer team, but we are unaware of a model in which volunteers alone can run as many missions per year as we require. We accomplish our nationwide goals by paying to secure the personnel provided by ICHF.

† 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 VII

Special thanks to the following donors that gave a total of \$46,573 specifically to this project:

Southwestern Korean Baptist Church
Global Harvest Church
Junghoo Kwon
Mandy Miaw
Melissa Kim
Lin Peter
Pineywoods G.A. Girls Camp
ICARE New Zealand
Toyota Motor Sales
Kristine Brite
Haley Yott
Karen Vandegriff
Jean Vechiola
Michael and Marie Hatcher
Michael and Valerie Reed
Michael and Amanda Villegas
Kimberly Favero
Kristian Rose
Carolyn Williams
Jen Graham
Amy Larson
Ronald Meuhlbauer
Media Ghalib
Scott Schieffer
Benjamin Winner
Cynthia Fogleman
Megan Frew
Camarillo Christian Church