October 2011 Mission
Hospital Bloom, San Salvador, El Salvador

Empowering Salvadorans to Care for Salvadorans
Development of a Sustainable Pediatric Cardiac Surgery Program
Building a Healthy Future for the Children of El Salvador

October 3rd - 7th, 2011
Sponsored by:

GIFT OF LIFE INTERNATIONAL
MINISTERIO DE RELACIONES EXTERIORES DE EL SALVADOR
Ministerio de Salud
FedEx Express
Gift of Life
District 7500
University of Michigan C. I. M. M. University
GIFT OF LIFE INTERNATIONAL
TERUMO
The Salvadoran Team
This October 2011 training mission was unique and hugely successful in moving the pediatric cardiac program at Hospital Bloom one step closer to sustainability. Unlike the three previous 2011 training missions, the University of Michigan C.S. Mott Children's Hospital Team did not include a pediatric cardiac surgeon or anesthesiologist. This truly set the stage to empower Salvadorans to care for Salvadorans. During the week-long mission, the four Salvadoran pediatric cardiac surgeons performed each of the 11 surgeries successfully, focusing on ASD’s and VSD’s in which the entire team is now proficient. Once in the ICU, a dedicated team of Salvadoran intensive care nurses recovered the patients with guidance from the visiting aftercare team from Michigan.

Prior to the first surgical day, a team of 18 Salvadoran nurses received 3 days of classroom instruction on how to recover the patients who would be operated. This invaluable knowledge was a continuation of the 6-month Gift of Life International Nurse Training Program which has clearly resulted in improved patient care and patient outcomes. As the children were moved from the operating theatre to the Intensive Care Unit, this team of Salvadoran nurses now applied the knowledge learned in the classroom to the practical setting and cared for each child with a sense of assurance and pride. Nurse training continued in the ICU where hands-on practical training was implemented by the visiting team from Michigan who worked side by side with the Salvadoran nurses. By week’s end, the aftercare team from C.S. Mott Children’s Hospital was overseeing patient care from the sidelines while Salvadoran nurses were providing primary care for the Salvadoran children.

Both Gift of Life International and the entire Salvadoran team of nurses and physicians are grateful to the University of Michigan C.S. Mott Children’s Hospital Team for taking the time to travel to El Salvador to share their knowledge and expertise.
Fundamental Organizations

- Gift of Life Rotary District 7500
- C.S. Mott Children's Hospital, University of Michigan
- Benjamin Bloom National Hospital for Children
- Minister of Health and Social Assistance
- Minister of Foreign Affairs
- Gift of Life International
- Terumo
- Federal Express

The Participating Medical Teams

The C.S. Mott Children's Hospital visiting team based in Michigan:

- Pediatric Cardiologist/Intensivist: Dr. Gabe Owens
- ICU Nurse/Nurse Educator: Lisa Beckman
- Nurse Practitioner: Kimberly Kellogg
- Perfusionists: Joseph Niman, Kevin Griffith
- Respiratory Therapists: Wendy Watson, Nancy Wellman
- ICU Nurses: Beverly Benmonra, Whitnie McNeil, Meredith Bajos, Angela White, Ashley Wallace

The Salvadoran pediatric cardiac medical team from Hospital Bloom:

- Pediatric Cardiologists: Dr. Mauricio Velado, Dr. Alfonso Escobar, Dr. Patricio Rodriguez
- Pediatric Cardiac Surgeons: Dr. Francisco Gamero, Dr. Daniel Garcia, Dr. Guillermo Rodriguez Fundis, Dr. Guillerma Martinez
- Intensivist: Dr. Luis Guzman, Dr. Roxana Manceno
- Anesthesiologists: Dr. Luis Martinez, Dr. Roberto Gamero
- Perfusionist: Dr. Sandra Perez
- Cardiac Technicians: Isabel Arias, Cecilia Araya, Emerita Caceres, Maria Adeila Ramirez
- Anesthetic Technicians: Ana Mercedes Rodriguez, Sara Ventura, Rosa Melida Ortiz, Carmen Maria de Rosa

- Social Worker: Concepcion de Garay
- Administrative Assistant: Reina de Galeano
- EKG Technician: Deysi Sandoval

Gift of Life International would like to give thanks to the entire nursing staff, residents, social workers, technical staff and everyone at Hospital Bloom for their assistance in making this mission a success.
Heart Felt Thanks

This life-saving surgical mission would not have been possible without the kindness, generosity and dedication of many individuals and organizations from El Salvador and the United States.

A special thank you to the C.S. Mott Children's Hospital Team for providing training to the Salvadoran team and for donating supplies and medications. It is truly evident why your medical facility is rated #3 in the USA. We thank you for sharing your knowledge and for helping to enhance the skills of the Salvadoran team. Heartfelt thanks to team leader and nurse educator, Lisa Beckman for all your effort in making this training mission a huge success.

Federal Express played a huge roll in saving the lives of the 11 children who were cared for with their very generous donation of the shipping costs for all medical supplies and medicines. Thank you FedEx!

These surgeries are not possible without perfusion packs which are utilized while the patient is on the heart/lung machine. We are grateful to Terumo for the donation of perfusion packs for all 11 surgeries plus 5 more to be completed at a later date.

We extend another big thank you to Gift of Life Rotary District 7500 for contributing 50% of the funding to cover the costs of this training mission. We are grateful for your partnership in saving children's lives and in helping to build this program into one that is sustainable. Your contribution is a wonderful example of how the global network of Gift of Life and Rotary work together to save children's lives and empower healthcare professionals around the world to care for their own children. A special thank you to Gift of Life 7500 Chairman, Larry Ninarel for traveling to El Salvador to witness the need and the progress first hand. Larry was also instrumental in continuing to convey the need for additional Rotary support in the future by making presentation at five Salvadoran Rotary Clubs during his visit.

Gift of Life International also contributed 50% of the funding and participated in overseeing the logistics and organization of the mission.

Latidos de Esperanza's Executive Director, Ivenne Lopez, coordinated all aspects of the mission with the assistance of Elizabeth Ramos. LATIDOS DE ESPERANZA is based in El Salvador and is one of the 70 worldwide affiliates of Gift of Life International.
Heartfelt thanks to Nurse Educator, Suzanne Courtwright for the wealth of knowledge you provided the Salvadoran nurses. Thank you for the time and effort you put forth in delivering such excellent training. Suzanne has become an essential part of the Nurse Training Program the Gift of Life International has created.

A special thanks to Sandra Hidalgo and Rebeca Cruz, mothers of children who received their gift of life in 2010, for being at Hospital Bloom each day of the mission and providing support and prayers for the parents of the children who were cared for during this mission.

**Nurse Training Program**

Gift of Life International (GOLI) has developed an educational program that provides Pediatric Cardiac Intensive Care Unit (ICU) nurses in developing countries an opportunity to increase their knowledge base skill level, providing a higher level of care to patients. The end result of this educational program is improved patient care outcomes. The six-month curriculum was developed and is being implemented by a team of advanced practice nurses from some of the leading pediatric cardiac programs in the United States.

The nursing leadership at Hospital Bloom selected eighteen (18) nurses to be part of the Salvadoran Pediatric Cardiac Team. The nurses selected work in the ICU, operating room and patient-care units. The program entails five-phases and addresses all aspects of patient care from infection control to specific cardiac maladies. Three phases of the program contain both a classroom and a clinical component. The nurses are in the classroom for 3 days prior to a medical mission. Knowledge learned in the classroom is then applied to the clinical setting. Nurses from the mission serve as clinical preceptors to the Salvadoran nurses. Two phases of the program include certification by the American Heart Association in Basic Cardiac Life Support (BCLS) and Pediatric Advanced Life Support (PALS) and for the first time ever Hospital Bloom nurses will receive certification by the American Heart Association. Nurses completing all phases of the nursing program will be provided a certificate of completion by GOLI.

Following each training mission, indepth feedback from both the Salvadoran nursing team and the visiting nursing team is processed and utilized to enhance future training efforts. The primary focus of the nursing program is to enhance skills and knowledge and to provide continuous improvement as we work towards our goal of sustainability.
NURSE TRAINING PROGRAM
(Classroom Instruction)

MARLENE CLARIBEL GONZALEZ ROSALES
Birth Date: August 6, 2006
Age: 5 years
Female
Status: 5 members
Mother: C.S. Mott Children's Hospital
Spouse: Rosary District 7200

When Marlene was still a young girl, her doctor said she had a heart murmur and was diagnosed with a heart disease. Her family could not afford to take her to the doctor because they did not have enough money. With the help of the sponsor, she was able to get the treatment she needed and is now leading a healthy life. Marlene and her family are very grateful for the help they received.
ROSSANA NICOLE BELTRAN GUZMAN

Birth Date: July 15, 2010
Household Income: $25 per day
Number of Family Members: 6
Mission Team: CSU Montclair's CREST
Hospital: University of Michigan

Sponsor: Not Needed

Rossana was admitted to the hospital for pneumonia when she was just eight days old and was diagnosed with atrial septal defect with a large hole in the heart. During her admission, the doctors were surprised to find in the right atrium the insertion of a coronary artery. Rossana was operated on the atrial septal defect. However, she did not need any further interventions.
THE CHILDREN