November 2011

SKILLS TRANSFER WORKSHOP

Uganda Heart Institute, Mulago Hospital Complex

November 26 - December 4, 2011

Sponsored by: Rotary Club of Kampala North, Rotary International, Rotary Club of Lafayette, Rotary District 9200, Rotary District 6560, MOGAS, Gift of Life International
Ugandan Government to Fund
100 Surgeries per Year for 3 Years
GOLI and the Ugandan Government Finalize Historic Agreement

Gift of Life International and the Ugandan Government have finalized an historic agreement which will lead to the saving of over 300 Ugandan children during the next 3 years. The Memorandum of Understanding which was signed, committed the Ugandan Government to funding 100 surgeries a year for 3 years at a cost of $1.5 million US dollars.

This commitment is the first of its kind in Africa and sets the standard for public/private partnerships which have as their objective the development of sustainable pediatric cardiac programs. It is important to note the crucial role that Ugandan Rotarians and Rotarians around the world have played in the success of our efforts.

The Ugandan Surgical team at the Ugandan Heart Institute will continue to receive training from teams visiting from Riley Hospital for Children, Children's National Medical Center and Chain of Hope UK. Dr. Craig Sable of Children's National Medical Center is the Medical Director of Gift of Life International's efforts in Uganda with support from Professor Magdh Yacoub and Dr. Mark Turrentine.

Our goal is to operate on 100 children in 2012 while continuing our efforts to empower Ugandans to care for Ugandans.
In Loving Memory

Ronald Mukasa
1999 - 2012

Thirteen year old Ronald always had a smile on his face. He waited 13 long years for a second chance at life, underwent successful open-heart surgery on November 30th, 2011. Just 3 months later, Ronald became ill and passed away. Our thoughts and prayers are with Ronald’s family.

Pediatric Cardiac Program at Uganda Heart Institute Saves the Lives of More Than 200 Children

A successful skills transfer workshop at the Uganda Heart Institute (UHI) which took place from November 26th through December 4th proved to be a perfect Christmas gift for Ugandan children as well as the pediatric cardiac surgery team at Mulago Hospital. A visiting team led by Dr. Mark Turrentine from Riley Hospital for Children in Indianapolis, Indiana returned, to once again, work side by side with the Ugandan team enhancing their skills and empowering Ugandans to care for Ugandans. The workshop exposed the UHI team to a varied array of cardiac malformations. It was the first time a TAPVR, AP Window and a Complete A-V Canal defect were operated at UHI. Considering two patients with Tetrology of Fallot were also corrected, this training visit offered the greatest variety of cases so far allowing for tremendous training opportunities.

Since the inception of the ‘Our Hearts Are in Uganda’ program at the Uganda Heart Institute over 210 children have received a second chance at life. Of this number, 145 have been operated on by the Uganda Pediatric Cardiac Team. Not only does this prove a measure of success but the mortality rate of less than 3% is also a great indication that the training has been effective and is definitely moving us closer towards the goal of a sustainable pediatric surgical program in Uganda.
Special Visits at the Uganda Heart Institute

The First Lady and Honorable Minister for Karango Affairs, Mrs. Janet K. Museveni paid a visit to the program at Uganda Heart Institute on Friday, December 2nd, 2012. She was welcomed by a team of officials from UHI, Minister of Health, Rotary and Gift of Life International. She toured UHI and met with the patients recovering from surgery and their parents. She later addressed the officials expressing her appreciation to the partner organizations involved in the training of the Ugandan cardiac team. The First Lady also emphasized her support for the development of a sustainable pediatric cardiac program enabling Ugandans to access cardiac care in their own country. She pledged her commitment to rally support for the program.

The Minister of Health, Honorable Christine Ondoa, also stopped by UHI during the skills transfer workshop. Dr. Mark Turrentine from Riley Hospital for Children (visiting surgeon) and Dr. John Cimagine (Director, UHI) reviewed both the progress and the challenges of the pediatric cardiac program with the Minister. Following their discussion, Honorable Christine Ondoa pledged the support of the Ministry of Health for the future efforts of the pediatric cardiac surgery program at the Uganda Heart Institute.

Fundamental Organizations

- Rotary Club of Kampala North
- Rotary Club of Lafayette
- Rotary Districts 9200 & 6560
- Rotary Club of Kajansi
- Rotary International
- MOGAS
- Riley Hospital for Children
- Uganda Heart Institute - Mulago Hospital
- Gift of Life International
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 Uganda and the United States.

A special thank you to the Riley Hospital for Children for providing training to the Ugandan team and for donating supplies and medications. We thank you for sharing your knowledge and for helping to enhance the skills of the Ugandan team. Heartfelt thanks to team leader and pediatric cardiothoracic surgeon, Dr. Mark Turrentine for all your effort in making this training mission a huge success.

We extend another big thank you to the Rotary Club of Kampala North, Rotary Club of Lafayette, Rotary Districts 9200 & 6560 and Rotary International for co-sponsoring 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.

Our most sincere thanks to MOGAS (Maestro Oil and Gas Solutions) for their generous $10,000 contribution towards the cost of surgeries for 4 of the 9 children operated. Your investment in saving children’s lives is greatly appreciated and has touched the hearts of the children who were given a second chance at life as well as their families. You have truly made a difference and helped turn despair to hope. We would also like to acknowledge the Rotary Club of Najjasra for introducing us to MOGAS and facilitating their involvement in the mission.

We would like to extend a warm thank you to Eamon Lavin and his mother Teresa for sponsoring 5 of our children during this medical mission. Along with Eamon’s wife Margaret, the entire Lavin family are steadfast supporters of Gift of Life International and our global efforts to provide care for children suffering from congenital heart defects.

A special thank you to Gift of Life International Ambassador and Rotarian, Grace Agwara, for coordinating all aspects of the mission. Being the first ever gift of life recipient, your commitment to the children of Uganda and working to give them hope is wonderful.

GIFT OF LIFE INTERNATIONAL also contributed to the funding, logistics and organization of the mission.

Gift of Life International would like to give thanks to the entire nursing staff, residents, social workers, technical staff and everyone at the Uganda Heart Institute for their assistance in making this mission a success.
The Participating Medical Teams

The Riley Hospital for Children visiting team based in Indianapolis, Indiana:

- Pediatric Cardiothoracic Surgeon: Dr. Mark Turrentine
- Pediatric Cardiologist: Dr. Tim Cordes
- Anesthesiologist: Dr. Scott Walker
- Nurse Practitioner: Jennifer Helman
- Surgical Nurse: Charity Mays
- Perfusionist: Mike Horner
- ICU Nurses: Megan Richards, Heidi Harris, Kara Laliberte, Katie Snyder
- Family Physician (American Health Network): Dr. Stephanie Kinnaman

The Uganda Heart Institute pediatric cardiac medical team from Mulago Hospital:

- Pediatric Cardiothoracic Surgeons: Dr. John Omagina (Director), Dr. Mwambu Tom, Dr. Michael Oketcho, Dr. Manyirah William (Resident)
- Pediatric Cardiologists: Dr. Peter Lwabi, Dr. Sulaiman Luboga, Dr. Aliki Twalibu (Resident)
- Adult Cardiologists: Dr. Mondo Charles, Dr. Sebatta Elias, Dr. Okello Emmy (Resident)
- Perfusionists: Dr. Murada Pascalina, Dr. Wambuzi Sam
- Anesthesiologist: Dr. Cephas Mijumbi
- ICT Technician: Enoch Kibali
- Scrub Nurses: Munduru Gertrude, Obwin John, Oyang Ben
- Physiotherapists: Egwanyu Nancy, Kasita Richard, Makweta Bob
- Administrator: Yonah Oboth
- Secretary/Assistant Coordinator: Bukenya Anne
- Biomedical: Miled Nalat (Engineer), Malungu Robert (Technician)
- Pharmacy: Aihdra Philip
- Laboratory: Faisa Nyanzi
- Stores: Ngobi Bob, Birungi Susan
The Visiting Team
Riley Hospital for Children

Harriet Nyanzibwe
Age: 10
Diagnosis: Mitral Valve Stenosis
Number: Uganda Heart Institute
Surgery Date: November 2011

Hospitalized at the Uganda Heart Institute for repair of a stenosed mitral valve. A team of surgeons from Riley Hospital for Children performed the procedure. After surgery, Harriet was discharged and will continue her medical treatment in Uganda. Her family plans to return to school soon!
The Children

The screening of the patients was conducted in advance by the Ugandan team with the final selections made in a collaborative effort by the Ugandan team and the visiting medical team. The final selection of 10 children to operate was made on Sunday, prior to the first day of surgery with necessary changes made during the course of the mission.

<table>
<thead>
<tr>
<th>No.</th>
<th>Patient Name</th>
<th>Age</th>
<th>Diagnosis</th>
<th>Date of Surgery</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Charles Mukasa</td>
<td>12 years</td>
<td>ASD, PAPVR</td>
<td>11-28-11</td>
</tr>
<tr>
<td>2</td>
<td>James Obama</td>
<td>3 years</td>
<td>VSD</td>
<td>11-28-11</td>
</tr>
<tr>
<td>3</td>
<td>Tabitha Tindiwensi</td>
<td>1 year</td>
<td>A-P Window</td>
<td>11-29-11</td>
</tr>
<tr>
<td>4</td>
<td>Faustine Mulungi</td>
<td>2 years</td>
<td>Tetralogy of Fallot</td>
<td>11-29-11</td>
</tr>
<tr>
<td>5</td>
<td>Ronald Mukasa</td>
<td>13 years</td>
<td>Complete A/V Canal</td>
<td>11-30-11</td>
</tr>
<tr>
<td>6</td>
<td>Harriet Ayebazibwe</td>
<td>2 years</td>
<td>TAPVR</td>
<td>11-30-11</td>
</tr>
<tr>
<td>7</td>
<td>Lillian Mukitte</td>
<td>4 years</td>
<td>Tetralogy of Fallot</td>
<td>12-1-11</td>
</tr>
<tr>
<td>8</td>
<td>Elisha Ocen Kato</td>
<td>2 years</td>
<td>VSD</td>
<td>12-1-11</td>
</tr>
<tr>
<td>9</td>
<td>Keith Morinyang</td>
<td>5 years</td>
<td>Bi-Directional Glenn Shunt</td>
<td>12-2-11</td>
</tr>
</tbody>
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FAUSTINE MULUNGI
Age: 3 Years Old
Number of Family Members: 5
Hospital: Uganda Heart Institute
Surgery Date: November 2011

Faustine is the youngest child in her family of five. She lives in Jinja in the Bulwae District. Faustine’s Mother is a housewife while her Dad is employed in a local hardware shop. They are low income earners, but work very hard to ensure the well-being of the family, particularly their beloved Faustine. Now that Faustine is healthier post surgery, her Mother is hoping to generate an income to help take care of her large family.

CHARLES MUKASA
Age: 12 Years Old
Number of Family Members: 4
Hospital: Uganda Heart Institute
Surgery Date: November 2011

Charles is the 100th child that the Riley team operated on while carrying out their missions abroad. He lives in Kiboga in Kampala with his parents and siblings. Charles’ mother sells Merchandise and his father works for the electrical company. His parents own their home and are able to provide for their family. They were at Charles’ side non-stop while he was in the hospital to offer him comfort. Charles is thankful that Gift of Life and his amazing doctors gave him a new lease on life. He plans to take his studies more seriously and one day become a doctor.