

▶..... 1
LIVE BELOW THE LINE CAMPAIGN
MEET CATHERINE SANDERS
COMMUNITY CALL FOR ACTION

▶..... 2
NEWS FROM KIWOKO HOSPITAL
IMED TEAM TRIP
USA STAFF TEAM TRIP

▶..... 3
PROGRAM SPOTLIGHT
PACKATHON NEWS

▶..... 4
PACKATHON NEWS
VOLUNTEER SPOTLIGHT

APRIL 2013 ISSUE



THE ISIS FOUNDATION SEATTLE SNAPSHOT

MAKING A POSITIVE DIFFERENCE TO THE LIVES OF CHILDREN IN THE
DEVELOPING WORLD

Addressing the needs of mums and babies and planting seeds for a better, healthier future

LIVE BELOW THE LINE

JOIN US NEXT WEEK APR 29TH–MAY 3RD!



We are excited to announce that The ISIS Foundation has partnered with the Global Poverty Project to be part of the 'Live Below the Line' challenge.

Live Below the Line is an initiative of the Global Poverty Project (<http://www.globalpovertyproject.com>), an education and campaigning organization whose mission is to increase the number and effectiveness of people taking action against extreme poverty. Each year, the Live Below the Line campaign asks participants to live on only US\$1.50 a day for food and drink, for five days, to raise awareness for the 1.4 billion people in the world who live below the extreme poverty line. **This year the challenge will run from April 29 – May 3.** Participants can take the challenge and fundraise for leading non-profit organizations that are doing work around the world to take action against poverty. We are thrilled to be one of those organizations.

We hope this campaign sparks more conversation and action about ways to alleviate poverty now and in the future. If you or anyone you know is interested in taking the challenge and raising awareness of the plight of people in poverty, we invite you to join us and Live Below the Line with The ISIS Foundation.

Is a week too long for you? **On April 30th there is also a Corporate Challenge Day** for companies or groups of co-workers to join together as a team and participate in the challenge for a day. If interested, please email kara.russell@isisgroup.org for more information on campaign registration, recipe support, and resources.

COMMUNITY ASSISTANCE CALL

MEDICAL EQUIPMENT NEEDS AT KIWOKO

While at Kiwoko Hospital, we conducted an assessment of equipment and supplies needed in the NICU and Maternity ward. The Kiwoko Hospital teams identified that they are in need of more of the following items:

- Portable / Mobile X-Ray Machine
- Supply Carts
- Storage / Organizational Supplies
- Electric Breast Pumps
- Massimo Pulse Oximeter Probes (in addition to Necllor)
- Blue Arm Poseys (wrap around)
- Bulb Syringes
- Tegaderm
- Duoderm
- Material Tape Measures
- Thermometers
- Feeding Tubes
- Splints for Infant IV

Please contact Debbie.Lester@isisgroup.org with any questions regarding these needs.

INTRODUCING: CATHERINE SANDERS



Catherine joined the ISIS Research team as a Research Associate in September 2012 and is based in our Missoula office. She recently completed her PhD in Medical Anthropology from the University of Montana, where she specialized in South Asian and East African culture. Catherine brings to ISIS over two years of field experience in research and development in Nepal and Kenya, and is interested in improving service delivery in the developing world through applications of the anthropological toolkit and anthropological research. She has spent the first quarter of 2013 in Humla, Nepal and joined the rest of the USA team in Uganda in early March. Catherine will stay an additional six weeks past the teams' departure to conduct a needs assessment for our Community Based Healthcare programs focusing on maternal, infant and child health. We are eager to share updates on her work in our next edition of the Seattle Snapshot.

NEWS FROM KIWOKO HOSPITAL

INTERNATIONAL MEDICAL VOLUNTEER TEAM VISIT - JANUARY & FEBRUARY 2013

Dr Anna Hedstrom and Dr Maneesh Batra of Seattle Children's Hospital / University of Washington, once again joined the NICU staff at Kiwoko Hospital to continue to support training and development needs. They conducted training on CPAP (Continuous Positive Airway Pressure), data collection, and the NRP (Neonatal Resuscitation Program). Karl Hedstrom made his first visit to Kiwoko to offer his expertise in IT and communications to the staff at Kiwoko. The ISIS and Kiwoko team also welcomed Dr Sara Beste, from Partners in Health. She has been setting up neonatal programs in Malawi and was invited to Kiwoko Hospital to learn more about the NICU program. The next team of international medical volunteers will visit Kiwoko Hospital in Fall 2013. We also look forward to more knowledge sharing with organizations doing similar work.



Left: Dr Anna Hedstrom, Sr Christine, and Dr Maneesh Batra in the NICU at Kiwoko. Right: Kara Russell, Sr Christine and Debbie Lester in the exact same spot in the NICU at Kiwoko!

THE ISIS FOUNDATION USA TEAM VISIT MARCH 2013

ISIS staff, Debbie Lester (Clinical Programs Director), Kimber McKay (Research, Monitoring and Evaluation Director), Catherine Sanders (Research Associate) and Kara Russell (US Office Manager) travelled to Uganda for their annual visit to Kiwoko Hospital. With ISIS' Uganda Country Director, Richard Katamba, the team facilitated a needs assessment of programs in maternal, infant and child health in the Nakaseke district through Kiwoko's Community Based Health Care (CBHC) Program. This was one of the key objectives of the trip, as in 2014, ISIS will work with Kiwoko Hospital to deepen service delivery in maternal, infant and child health. ISIS always develops and expands programs based on the needs of the community, and as best practice, we start with data collection and analysis to understand those needs. During the trip, Kimber and Catherine set the framework for a secondary baseline study that will be conducted in the community through mid-May while Catherine is onsite to lead efforts.



Left: Kimber McKay in a nearby community of Kiwoko at a mobile vaccination clinic. Middle: Debbie conducting an NRP training course for the NICU and Maternity nursing staff. Right: Racheal, Kara, Catherine, Debbie, Kimber and Richard, all ISIS Staff!

During the trip, Debbie offered her clinical expertise night and day to the NICU nursing team and conducted formal trainings in CPAP and NRP. In addition, she worked hand in hand with Sister Christine on documentation updates, data collection processes and a plan for streamlining policies and procedures to best serve the growing unit.

After nearly two years in the Seattle office, this was Kara's first visit to Kiwoko! In addition to getting oriented with hospital grounds and staff, she conducted a needs analysis for medical equipment supply chain, organization and storage. Follow our blog (<http://www.isisgroup.org/news-room/blog-hand-in-hand>) for a post in the next few weeks on her analysis of the medical supply and equipment donation process, from Packathon to implementation in the unit!

PROGRAM SPOTLIGHT: KPAP – KIWOKO POSITIVE AIRWAY PRESSURE

NEWS FROM DEBBIE LESTER, CLINICAL PROGRAMS DIRECTOR

Two years in the planning and I am pleased to say 2012 and 2013 have been heavily focused on the initiation of a CPAP (Continuous Positive Airway Pressure) program in our partner NICU at Kiwoko Hospital located in central Uganda. We knew a program that could offer advanced respiratory support, to potentially hundreds of babies per year, could reduce mortality rates of those suffering from respiratory distress. In low resource settings such as the NICU at Kiwoko, the challenge when implementing technology such as CPAP is imperative to ensure that:

1. An educational foundation is laid
2. We utilize technology that requires minimal mechanical resources such as electricity
3. Replacement parts are readily accessible and
4. All aspects of implementation in the absence of modern resources are carefully thought through.

For the past decade, Dr. Maneesh Batra has worked tirelessly with The ISIS Foundation at Kiwoko Hospital and has been an integral and dedicated member of the team moving programs forward. In the most recent years, through a Clinical Partnership between the University of Washington and The ISIS Foundation we have formed a team of dedicated clinicians to work on programs such as CPAP year round as part of our IMED (International Medical Volunteers) Team.

In 2011, at the request of the staff in Kiwoko's NICU, Maneesh and I set forth a plan for CPAP implementation, now proudly referred to as KPAP (Kiwoko PAP) by Kiwoko Hospital staff. Maneesh and a team of clinicians (Respiratory Therapist Rob DiBlasi, Dr. Anna Hedstrom and Dr. Ryan McAdams) at UW and Seattle Children's worked to devise a bubble CPAP system that would meet all of the requirements. In the absence of the ability to run arterial blood gases, a Respiratory Severity Score was used to clinically assess and assign a number which would indicate level of respiratory distress and indication for KPAP.

In early 2012, Maneesh, Anna, Ryan and I made a trip to Kiwoko Hospital with a goal of introducing the KPAP system. As the system was onsite and many babies presented with respiratory distress we made a decision to implement, and staff training began! A group of Kiwoko Hospital 'super users' were trained to work together to oversee all babies placed on KPAP and support the staff. Arriving back home in Seattle, we quickly got to work researching and developing a KPAP training manual. The dedicated team of Brandie Giles, Sue Prueitt and Heidi Nakamura spent countless hours in the ISIS office working with all the ISIS and UW Team to complete. Simultaneously, a pilot study of all babies treated on KPAP from January-June 2012 was underway.

As the team worked to perfect the device and the manual draft was nearing completion, we prepared a visit in Fall 2012 for Heidi Nakamura (a long time member of our IMED Team) and Katie Loeffler (UW NICU nurse) to visit Kiwoko and begin all staff training in KPAP. The team had a very successful trip and upon return we were able to make changes to the program where needed. All staff training and support in the KPAP program continued in an early 2013 trip by Dr. Maneesh and Anna, with me following a few months later. As we conducted training, I observed each staff member demonstrating a strong grasp of the program and implementation. There is not a day where I am not in awe of the Kiwoko Hospital staff! They know this is not the 'cure all' and realize there is still a road ahead to perfect the KPAP program but most importantly they know they are making a difference and saving newborn lives!!

One of our "Pillars of Excellence" at The ISIS Foundation is Knowledge Sharing. With numerous neonatal units being established in low resource areas and Kiwoko Hospital's NICU having been established for over 10 years, we know there is much to share. As an early adopter of CPAP, Kiwoko's KPAP program will be a model we hope to widely share in an effort to reduce infant mortality related to respiratory distress. In January 2013, we welcomed Dr. Sara Beste with Partners in Health to Kiwoko Hospital to observe the NICU, staff, and KPAP program. We look forward to continuing sharing the wonderful work of the staff at Kiwoko Hospital.

PACKATHON NEWS

2012 EVENT SUCCESS

On October 9th & 10th, 2012 a team of very special volunteers gathered for the 9th year of the annual ISIS-Aspen Packathon! At the Packathon, Aspen staff, medical volunteers, and community members sort medical supplies to be sent to Kiwoko Hospital in Uganda, to be used to deliver specialized newborn and maternal health care. With over 60 volunteers in attendance during the two day event, we packed the fastest yet! There are numerous volunteer hours that go into making this equipment and supply donation to Kiwoko Hospital a success; from the medical angels collecting excess supplies in the unit each week, to the team members driving to our storage unit to drop off supplies and to the amazing team that helps us sort, record and pack all of the equipment to be put into the shipping container - we would like to extend our deepest thanks to each of you.



UPCOMING 10TH ANNUAL PACKATHON... SAVE THE DATE!

Our next Packathon is approaching! Please mark your calendars for Tuesday October 8th and Wednesday October 9th 2013. Our event location is Courtyard Hall in Bothell, WA. Please stay tuned for further updates! .

Our medical angels are hard at work at Evergreen Hospital Medical Center, Swedish Medical Center, Seattle Children's Hospital, Overlake Hospital Medical Center, University of Washington Medical Center, Whidbey General Hospital, Northwest Hospital and Medical Center, Tacoma General Hospital, Providence Regional Medical Center Everett and Providence Medical Center Olympia collecting needed medical supplies to be packed into boxes and sent to Kiwoko Hospital in Uganda.

We would love to see you at the 2013 Packathon!

VOLUNTEER SPOTLIGHT

BRANDIE GILES & SUE PRUIETT

In each edition of the Seattle snapshot we will feature one of our fantastic ISIS volunteers. We have numerous volunteers whose work is behind the scenes in our Edmonds office and Seattle area hospitals. Volunteers collect supplies and numerous others attend ISIS events. There are countless volunteer hours that contribute to the success of our programs directed out of Seattle.



Each week, our office is greeted with the smiling faces of two committed volunteers, Brandie and Sue. While both have been long term volunteers of ISIS, we have been lucky to have them this past year on a weekly basis in our Edmonds office.

Both having careers in nursing, their input and work on our CPAP program for Kiwoko Hospital has been integral to the successful delivery of service. From conducting initial research to the development of instruction manuals, its proof our work could not be done without the dedicated efforts of volunteers like Brandie and Sue. We are so appreciative of their donated time, knowledge and eagerness to assist with projects large and small. For medical volunteer opportunities with The ISIS Foundation, please inquire directly with Debbie.Lester@isisgroup.org.