



# Rotary Club of KENTHURST



## Trip Report: Papua New Guinea & Cambodia April 5th to April 24th 2011

Medical Equipment for Hospitals in Developing Countries RAWCS  
Project No: 47/2009-10

Team:-

Sue O'Neill Team Leader - Rotary Club of Kenthurst  
Graham Taylor Team Member - Rotary Club of Kenthurst

### PAPUA NEW GUINEA

Our trip started at Goroka Hospital, Eastern Highlands Province, Papua New Guinea. We had previously donated 2 Ultra Sounds to the Hospitals. It was wonderful to see these actively in use and still going strong. In January this year we donated a Fetal Heart Monitor (Doppler) to the Ante Natal Clinic at the Goroka Hospital. It was pleasing to see it then to put to immediate use. In follow up we found that it had become an important piece of equipment. The Hospital was keen to have another to use in the labour ward. Previously the Hospital has only had the use of Pinard Stethoscopes for ante natal.



Above: 1. Ante Natal nurse using the Pinard Stethoscope, 2. Nurse using the new Fetal Heart Monitor, 3. Presentation of a second Fetal Heart Monitor to Goroka Hospital CEO Dr. Joe Apa.

During our last visit to Goroka Hospital in January we were asked if we were able to supply the Pathology Department with specific small bottles for their blood analysis. We were able to source McCarthy Bottles in Australia and took these with us to donate to Pathology staff.



### CAMBODIA

We had previously donated Ultra Sound machines to Hospitals in Cambodia. We wanted to follow up on these machines and visit the hospitals again. We also had 2 new items available in our project, a colour Ultra Sound and an Electrocardiograph (ECG) machine. We have worked closely with a Hospital in Cambodia, Children's Surgical Centre (CSC) <http://www.csc.org> and they have been able to give us accurate feedback on

Previous donated Ultra Sound in use at the Hospital in Cambodia



us accurate feedback on equipment. It has been very helpful in understanding the functionality, reliability and usefulness of the equipment. We wanted this Hospital to test out the colour Ultra Sound and the ECG machine before we purchased any more. We also donated a Fetal heart Monitor to CSC. CSC work closely with several medical missions including Rotarplast. The equipment was to be used during a medical mission then returned to the Hospital for use.

Above: Presentation of a colour Ultra Sound, ECG & Doppler to CEO DR Gollogy at CSC Hospital in Cambodia

Since we started our Medical Equipment project the Rotary Club of Kenthurst has donated 18 basic Ultra Sound Machines, 5 Fetal Heart monitors, 1 colour Ultra Sound and 1 Electrocardiograph (ECG) machine to Hospitals in Developing Countries. This equipment is all new and relatively easy for Medical staff to use. We have donated to hospitals in 7 countries. We have where possible engaged the local Rotary Club in the recipient country as well as working with several other Australian Rotary clubs and RAWCS projects. We have incorporated other basic medical items such as pathology vials.

To date over \$100,000 has been spent on new medical equipment. In most instances the equipment has been put to immediate use and has quickly become an essential diagnostic tool. We have had many reports of the equipment saving lives . Such as the following from Dr. Bob Sillar working in West Timor.

From: bobsillar@hotmail.com

Subject: RE: OSSAA - donated ultrasound

Dear Sue, Also sorry about the delay in responding but have been away. The Ultra Sound machine was of enormous help on my last trip to the hospital in Halilulik, West Timor. This hospital doesn't have even the most basic x-ray facilities and no pathology capabilities so the ability to confirm a clinical diagnosis was limited. The US machine enabled me to make a number of very important diagnosis which would have otherwise led to a suboptimal course of action. Several large abdominal masses were shown to be of probable benign diagnosis and were not operated on, a very sick young boy was demonstrated to have nearly a litre of pus within his abdomen due to a ruptured appendix. The acuity of the machine was good enough to see worm infestation of the intestine and a 18mm stone in a ureter. Some teaching of the local GP's was also possible. I still have the machine in my possession as I visit other areas in West Timor and will determine where it would be used to best advantage. Hopefully some photos will have come through. Many thanks, Dr. Bob Sillar



#### Following is our Register of Donations of Medical Equipment

Date	Hospital	Location	Country	Qualified Operator
<b>Ultra Sounds (Basic)</b>				
Jul-09	Port Moresby Kaugere Clinic	Kaugere	PNG	Dr. Josie
Jul-09	Port Moresby Kila Kila Clinic	Kila Kila	PNG	Dr. Josie
Sep-09	Goroka General Hospital	Goroka	PNG	Dr. Joseph Apa CEO
Nov-09	Angkor Childrens Hospital	Siem Reap	Cambodia	Dr. Bill Housworth
Nov-09	Childrens Surgical Centre	Phnom Penh	Cambodia	Dr. Heng
Dec-09	Clinton Foundation Goroka	Goroka	PNG	RN Andy Carmone
Jan-10	Kapuna Hospital	Kapuna	PNG	Dr Valerie Archer
Mar-10	Halilulik Hospital	Halilulik	West Timor	Dr. Sillar OSSAA/ Interplast
Mar-10	Kundiawa Hopital	Western Highlands	PNG	Dr. Ron Sommers (Rotarian)
Apr-10	Gizo Hospital	Gizo Town	Solomon Is	Dr Michael Buin
Jul-10	Kudjip Nazarene Hospital	Kudjip	PNG	Dr. Radcliffe
May-10	Maliana Hospital	Bobonaro Dist	East Timor	Dr. Vitorino
Jun-10	Luganville Hospital	Santo	Vanuatu	Dr Tim Vocor
Sep-10	Port Moresby Hospital	Port Moresby	PNG	Dr Amoa OBGYN & Dr Grace Kariwiga
Sep-10	Port Moresby Hospital	Port Moresby	PNG	Dr Amoa OBGYN & Dr Grace Kariwiga
Oct-10	Aileu Hospital	Aileu	East Timor	RN Margaret Aggar (Rotarian)
Jan-11	Lam Dong Hospital	Dalat	Vietnam	Dr. John Cassey MESCH/ Interplast
Mar-11	New Ireland Hospital	New Ireland	PNG	Dr. Peter MacDonald ADI

#### Fetal Heart Monitors (Dopplers)

Jan-11	Goroka General Hospital	Goroka	PNG	Dr.Emanuel
Mar-11	New Ireland Hospital	New Ireland	PNG	Dr. Peter MacDonald ADI
Apr-11	Goroka	Goroka	PNG	Dr. Apa
Apr-11	Childrens Surgical Centre	Phnom Penh	Cambodia	Dr. J. Gollogly
May-11	New Ireland Outreach	New Ireland	PNG	Dr. Peter MacDonald ADI

#### Ultra Sounds (Colour)

Apr-11	Childrens Surgical Centre	Phnom Penh	Cambodia	Dr. J. Gollogly
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#### ECG Machine

Apr-11	Childrens Surgical Centre	Phnom Penh	Cambodia	Dr. J. Gollogly
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Feedback from Dalat Hospital, Vietnam

Dear Sue

Thank you very much to Kenthurst Rotary for the donation of a portable ultrasound for Dalat Hospital in Vietnam. It was much appreciated by the local doctors.

It now resides in the operating department under the care of the Head Anaesthetist Dr Quang Hung Che.

The ultrasound is now being used to facilitate pain relief for the many traumas they have to deal with. It will also help with diagnosis and treatment.

I attach a photo of it being used by the local doctors.

As you can see we are going to Vietnam on an annual basis for both educational and medical assistance.

Yours sincerely, Michel Poppinghaus

Paediatric anaesthetist in Newcastle, NSW



Ultra Sound presentation to Gizo Hospital. Solomon Islands by Kerry Kennedy President Gizo Rotary Club



Ultra Sound in use at the Goroka Hospital Papua New Guinea



West Timor



Just prior to our departure for PNG and Cambodia we donated an Ultra Sound and a Fetal Heart Monitors to Australian Doctors International (ADI) <http://www.adi.org.au/> ADI work in Western Province and New Ireland in Papua New Guinea and have a strong connection with Rotary both in Australia and clubs in PNG.

Right is Dr Peter McDonald presenting the Ultra Sound to Kavieng hospital in New Ireland.

Following is an extract from an email from Dr McDoanld Sue

Good to talk to you and I have asked Delene to forward on to you some presentation photos. It is worth noting that the Governor himself, Sir Julius Chan, made time to be there and extol the virtues of Kenthurst Rotary Club. The people of New Ireland and the Kavieng Hospital in particular are most appreciative.

Following the presentation of the ultrasound, I had a discussion with Dr Robert Wat, the CEO and surgeon, on the possibility of additional sonography training for those staff not familiar with the technology; he felt this was crucial. I arranged with him to bring a sonographer from Rabaul, East New Britain, for a few days and provided him with US\$500 to meet those costs. I shall forward the receipt to you and would request, if at all possible, that Kenthurst Rotary Club consider refunding that amount to ADI. I don't wish to "stretch our friendship" but it would make a difference.

Finally, I wonder if you would have available an additional Foetal Heart Monitor for use of our doctors. The one taken over by us will be used in the hospital labour ward but our own doctors will be far away out on patrol 3/4weeks and would find it very useful.

The trip by Delene and myself was a success; our first doctor goes over on Sunday ready to start patrols on 16/5, initially into areas where there have been no doctors seen for at least 10 to 20 years. Our partnership with NI Health seems solid and mutually supportive so I anticipate a lasting and beneficial relationship

Kind regards, Peter

Kind regards, Peter

Kenthurst Rotary Club did agree to meet the costs for the training and the project was also able to donate another Fetal Heart Monitor for the outreach patrols.

**Sue O'Neill, President, Rotary Club of KENTHURST**

