

Interim report for the Eagle Foundation – January 2018

Improving maternal and newborn health services at Svay Chek Health Centre, Banteay Meanchey Province, Cambodia [File form: 00420/17](#)

Background

Thanks to a partnership with the Eagle Foundation, IMPACT Cambodia is working to improve maternal and newborn health services at Svay Chek Health Centre in Banteay Meanchey Province. Svay Chek was recently upgraded to 'Referral Hospital' status, which means it is now the main referral facility for women giving birth in the district, serving a population of 55,500 + people. Support from the Eagle Foundation represents important progress towards improving standards at the hospital, and your grant has been allocated towards upgrading vital maternity and delivery equipment; training midwives; and the construction of small extension to house a delivery suite. At this six month juncture we are pleased to report that the equipment has now been delivered and installed; and construction has begun on the new delivery unit.



Progress update by Sonita Pong (IMPACT Cambodia Programme Officer)

There has already been an increase in the number of women attending to give birth since the hospital upgraded several months ago. In fact, now there are up to 30 deliveries each month, and there are 80 to 95 prenatal checkups. Before now, the maternity care service in the hospital was limited due to the fact that there was not enough proper equipment or delivery room. Now with the upgrade and the new equipment from IMPACT Cambodia, we hope that mothers and babies will benefit a better health care service that they have ever had.

The IMPACT Cambodia team delivered the maternity equipment and delivery furniture to Svay Chek Hospital on January 3rd 2018. We travelled there with the representative from the medical supplier, so that the hospital staff could be shown how to install and use the equipment correctly. You will see from the photos that we unpacked some of the items that day but some of the delivery equipment was not unpacked because it is being kept secure until the new delivery room's construction is finished. The equipment related to prenatal checkups can be used straightaway, as you will see below.



Dr. Sin Mano is the head of Svay Chek hospital and he is so very thankful for the maternity equipment and the funds for delivery room extension that Eagle Foundation has donated. He told me; 'I am very happy that IMPACT has donated maternity equipment for my hospital and funded the delivery room extension. Mothers and children in this area will receive health care service more properly with this high standard equipment. I plan to share some of this equipment (such as the glucose blood tests, stethoscope and thermometer) with the outreach midwives that go to the remote villages surrounding here for providing health screening and prenatal checkup for the pregnant women once a month. This would be so very useful for them.'



The day the equipment was delivered. Photographs show Dr Sin Mano (Hospital Director) and Insam Art (Head Midwife) being shown correct usage by the medical supplier. IMPACT Cambodia team were also present.

Midwife, Sam Art, is the chief of maternity services. She is happy and very thankful that IMPACT is helping the hospital to make improvements to the maternity services. She said, 'This equipment will be very useful and helpful for my daily work. This is the right time to help us because before we only had one delivery bed, and there was no delivery chair in this hospital. Currently there is no separate room for mothers who have already delivered [postnatal cases] and they have to stay on a mat at the other corner of the delivery room. This gets very crowded when there are two or three deliveries at the same time. We are excited to have the new building soon.'



Head midwife Sam Art

The Maternity Unit team highly appreciate this delivery equipment, and the antenatal equipment is already being used to care for the women here. Here are some of the women that I interviewed in January:

Chin Nary (26) is in her fourth month of pregnancy, and this is her first pregnancy. She lives in a village in Svay Chek District. Thanks to the outreach workers from the hospital visiting her home, she has been encouraged to come every month for a pre-natal checkup. So far there is no risk sign shown and Nary was very reassured to see the new equipment read for when she comes to have her delivery in the month of late May when the new delivery suite will be open.

So Sarann (34) is in her third time of pregnancy, and she lives in Svay Chek District, Banteay Meanchey Province. She comes for regular prenatal checkup every month. This time, the prenatal checkup was done by Midwife Kunthy and she had for the first time an examination with the new fetal doppler. The result showed that her baby is in good health condition. Her due date is in June 2018, so she will benefit from the new delivery building.

Chan Thida (26) had her second time of prenatal visit with midwife Somaly. Mother and baby are in good health condition but Chan was very fatigued and a test for blood glucose was necessary. Thankfully there is no health concerns after the test and no risk sign for pregnancy. Midwife Somaly told her to try maintain a good, health daily diet and take regular rest to keep her health and baby's in good condition. She is also advised to come every month for a check-up to monitor her progress.

Update on refresher training

The grant from Eagle Foundation is to include refresher training for midwives in preventing postpartum hemorrhage, resuscitation techniques and ultrasound interpretation. This will be started in middle of February. We had initially planned to send the midwives to Phnom Penh but are better pleased that two trainers have instead been recruited to conduct in-house training. This is better because midwives can learn together in their own environment and with their own equipment. One trainer is from Thmor Puok hospital and the other from the Provincial Health Department of Banteay Meanchey. The schedule and curriculum of the training will be reported on by Dr Sin Mano during the final report.



A midwife is checking Nary's blood pressure by using the stethoscope that was supported by IMPACT Cambodia



This is the new fetal doppler being used to examine So Sarann's baby



Here Thida is have a blood glucose checkup

Update on the building extension to create a delivery room

The construction of delivery room extension started in early January 2018 after a traditional Buddhist ceremony to bless the land and pray for 'good luck' for all the pregnant women who will deliver their babies there. The building is expected to be done in end of March 2018. The size of this extension delivery room is $8m \times 6m = 48m^2$.



Dr Mano leading the traditional ceremony to bless the landry room extension



Construction materials arriving on site



The starting of the foundation work



Expenditure statement

	Budget (£)	Expenditure (£)
Delivery room equipment		
Episiotomy scissors x2	22	22
Mayo dissecting scissors x5	55	55
Allis tissue forceps x2	18	18
Vaginal speculum x 5 (100 x 35mm)	53	53
Vaginal speculum x 5 (50 x 35mm)	53	53
Vaginal speculum x 5 (115 x 35mm)	57	57
Hemostatic forceps x2	20	20
Long hemostatic forceps x2	18	18
Tissue forceps x 5	50	50
Artery forceps x 5	50	50
Dressing scissors x 5	75	75
Dressing forceps x 5	75	75
Scalpel handle x 2	30	30
Kidney basin x 2	18	18
Needle holder x 5	35	35
Urinary catheters x 5	60	60
Bowl, aprons & dressing cart x 2	144	144
Portable aspirator x 2	6	6
Tray instruments x 2	20	20
Sterile instruments box x 5	62	62
Foetal doppler	378	378
Infant scales	88	88
Autoclaves x 2	381	381
Delivery chairs x 2	264	264
Delivery bed x 2	580	580
Two mobile beds	554	554
Suction machine	1,598	1,598
Plastic protective floor covering	22	22
Sphygmomanometer (blood pressure monitor) x 2	44	44
Stethoscope x 2	14	14
Digital thermometers x 5	66	66
Glucose blood tests	72	72
Reusable Resuscitators (adult) x 5	84	84
Reusable Resuscitators (baby) x 5	309	309
Training		
Training for midwives in ultrasound technology	1,449	0
Refresher training for midwives in preventing postpartum haemorrhage, resuscitation techniques	725	0
Construction		
Small building extension to rear of health centre to create delivery suite. Including: labour; brick & cement work; door & window fittings; internal & external painting; electrical installation & fans; floor tiles; and site clearance.	6,291	3,410
Sub-total	13,840	
Monitoring and evaluation		
Project management (IMPACT Cambodia) @ 5%	692	346
TOTAL	14,532	9,131

IMPACT Cambodia sends gratitude to the generous donor Eagle Foundation for helping to make this delivery room and for all the maternity equipment. This project will contribute in providing superior health care service for mothers and babies in this poor area. We will provide another update in six months' time for our final report when the building and training will be completed.