



PROJECT OVERVIEW

I/Project Title: Helping Babies Breathe training in central Vietnam

II/ Project Location: Dakrong district, Huong Hoa District, Quang Tri province and Kim Long Charity Clinic, Hue

III/ Project goals

To minimize infant mortality caused by asphyxia (eg. inability to breathe immediately after delivery) in the villages in Dakrong and Huong Hoa districts in Quang Tri province and Aluoi district in Thua Thien Hue province.

IV/ Project Objectives:

- To train 88 birth attendants in Huong Hoa district and Dakrong District in Quang Tri and Aluoi district in Hue with the essential skills of newborn resuscitation, with the goal of having at least one person who is skilled in neonatal resuscitation at the birth of every baby. The birth attendants are also provided material and instruments to use for their work.
- To train 20 people those are working at Huong Hoa Health Center, Dakrong Health Center and Kim Long Charity Clinic to become HBB instructor then can train more traditional birth attendant in their area. The instructors are provided with materials, supplies and instruments to train other birth attendants

V/ Project Beneficiaries:

Direct Beneficiaries: 88 traditional birth attendants, 20 medical professionals,

Indirect Beneficiaries : women and their babies in in Huong Hoa, Dakrong, and Aluoi.

VI/ Project timeline:

June – Oct 2014 Working with trainers and local partners to come up with the schedule and logistics plan, order materials and instruments for training.

Nov-Dec 2014 Proceed with paperwork with local partners and authority

Jan-Dec 2014 Finalize logistic plan and booking, collecting materials and instruments, doing Vietnam visa for volunteers.

March 2014:

Training taken place.

Evaluation on trainees and training organization.

March 2015: Final evaluation : collect report from local partners.

VII/Background information:

Helping Babies Breathe (HBB) is an evidence-based educational program to teach neonatal resuscitation techniques in resource-limited areas. It is an initiative of the American Academy of Pediatrics (AAP) in collaboration with the World Health Organization (WHO), US Agency for International Development (USAID), Saving Newborn Lives, the National Institute of Child Health and Development, and a number of other global health organizations.

The WHO estimates that one million babies die each year from birth asphyxia (eg. inability to breathe immediately after delivery). The HBB program addresses this challenge as well as helping to move forward Millennium Development Goal #4 (MDG4) reduction of child mortality by two thirds from 1990 to 2015. The objective of HBB is to train birth attendants in developing countries in the essential skills of newborn resuscitation, with the goal of having at least one person who is skilled in neonatal resuscitation at the birth of every baby.

A key concept of HBB is *The Golden Minute*®: Within one minute of birth, a baby should be breathing well or should be ventilated with a bag and mask. The Golden Minute identifies the steps that a birth attendant must take immediately after birth to evaluate the baby and stimulate breathing.

The HBB curriculum is designed to be used as part of a coordinated educational approach to early neonatal care and can be effectively combined with other curricula. It can be locally taught to birth attendants in diverse venues and locations. HBB focuses on practices that all persons who care for babies at birth can learn to care for healthy babies and/or assist babies who do not breathe on their own.

The Helping Babies Breathe (HBB) Implementation Guide is a tool for advancing sustainable national programs for newborn and maternal health. For maximum impact, HBB should be integrated into existing newborn or maternal health training, but it can be implemented as a stand-alone program, depending on national priorities.

GCSF has been working with Dakrong Health Center in support training courses on maternal and child health. All Dakrong, Huong Hoa, Khe Sanh, and Aluoi are the remote districts in Quang Tri and Hue province. Situated remotely in mountainous area, with high percentage of ethnic minority people (more than 70% in Dakrong, more than 40% in Huong Hoa and about 80% in Aluoi), a big number of women still deliver babies at home with a traditional birth attendant or village health workers. These traditional birth attendants or health workers haven't had the training on skills of newborn resuscitation. The HBB training will be a great help to reduce child death from birth asphyxia.

VIII/ Project Description:

Four nurses from Illinois with the lead by Harriet S. Hawkins, RN, CCRN, CPN, CPEN, FAEN, Resuscitation Education Coordinator, Ann & Robert H. Lurie Children's Hospital of Chicago who completed HBB Master Training in Oct 2013 and have conducted several HBB training course in Africa.

Harriet Hawkins will be in charge of ordering the materials, equipments for training. Materials will be available in Vietnamese. GCSF need to provide 4 translators (one for one trainer) for the training. Training for traditional birth attendant (provider) will be one 8-hour day. Medical professionals who want to be the trainer will join another 8-hour day training. The training will be 3 days in Dakrong, 3 days in Huong Hoa and 2 days at Kim Long clinic in Hue. One trainer can train 6 providers at a time. The last day at each place will be for train-the-trainer.

Dakrong Health Center, Huong Hoa Health Center and Kim Long clinic will be in charge of selecting and build a list of village health workers/traditional birth attendants and district health staff for the training. They will support GCSF in logistical preparation, including preparing training venue, sending staff to help at tea breaks, and assigning Van Kieu/Pako – Vietnamese translators.

Evaluation

Evaluation on the trainee : will be done by trainer as a procedure by HBB implementation plan

Evaluation on the logistics, organization of the event : will be done by GCSF staff

Evaluation on the application of the trained knowlegde into practice : Dakrong Health Center, Huong Hoa Health Center and Kim Long Clinic will assign staff for supervision of practice by village health workers/traditional birth attendance in a period of 12 months after the training and share the data with GCSF.

Budget: \$20,000