

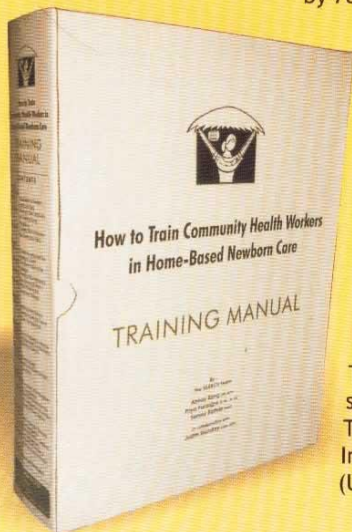
TRAINING FOR HOME-BASED NEWBORN CARE



- Training of Community Health Workers
- Training of Trainers/Supervisors
- Training of Traditional Birth Attendants
- Health Education Material

SEARCH, Gadchiroli, Maharashtra, India. Pin : 442 605
Ph.: 91-7138-255407 • Fax : 91-7138-255411
e-mail: search@satyam.net.in • website : www.searchgadchiroli.org

Home-Based Newborn Care is a new approach developed by SEARCH, in which village women (community health workers) are trained and empowered to help mothers in newborn care, and if necessary, to treat sick newborns. This approach reduced the neonatal mortality rate by 70% and infant mortality rate by 57% in 39 villages in Gadchiroli (Lancet 1999, Journal of Perinatology, 2005). This method has opened a new avenue for saving newborns in developing countries.



The Home-Based Newborn Care Training Manual for Community Health Workers and the Training Materials described in this booklet are based on the methodology developed by SEARCH over 10 years during the field trial in 39 villages of Gadchiroli, India and field-tested at 7 sites of the Ankur project in 100 villages and 6 urban slums in Maharashtra. These were also used in the pilot study of the Indian Council of Medical Research in five states of India and revised further.

The production of the training manual and materials has been supported by -
The Ministry of Health and Family Welfare, Government of India, The Saving Newborn Lives Initiative of Save the Children (USA), and The Bill & Melinda Gates Foundation.

The training equips the Community Health Worker for the following tasks:

1. Making a list of pregnant women in community, and updating it regularly.
2. Health education:
 - To group of mothers and grand mothers using audio-visuals(health education film), group games and demonstration.
 - To individual mother, by home visiting; during pregnancy and postnatal period.
 - To mothers of high-risk neonates.
3. Attending delivery, along with the TBA.
4. Encouraging the family and the TBA for referral when necessary.
5. Taking charge of the baby immediately at birth.
6. Assessment, and if necessary, management of asphyxia by following medically approved algorithm, using bag and mask.
7. Initiation of early and exclusive breast feeding, including supporting and teaching mother to breastfeed successfully.
8. Thermal care of the neonate.
9. Assessing for high-risk status of Newborn. If present, extra care.
10. Repeated home visits (7-13) during neonatal period to ensure breast-feeding, thermal care, hygiene, and to monitor the baby for any superficial or systemic infection including (sepsis).
11. Early diagnosis of neonatal sepsis and treatment with two antibiotics co-trimoxazole and gentamicin.
12. Home-based management of LBW or preterm neonates.
13. Weekly weighing, problem solving, advising and helping mother.
14. Referral of newborn or mother when necessary.

The three levels of training -

- A) Training of Community Health Workers
- B) Training of Trainers/Supervisors
- C) Training of Traditional Birth Attendants

A) Training of Community Health Workers

Training duration 33 days, spread over one year

7 Training workshops

17 Modules

Training Workshop 1

Module 1: Introduction to Newborn Health and Care

Module 2: Working in the Community and Visiting During Pregnancy

Module 3: Treating Minor Ailments in the Community (Part I)

Training Workshop 2

Module 4: Observing Labour and the Newborn at Birth

Module 5: First Examination of the Newborn

Module 3: Treating Minor Ailments in the Community (Part II)

Module 6: Stock Keeping and Treatment Records

Training Workshop 3

Module 7: Making Home Visits to Newborns and the Care of Eyes, Skin and Cord

Training Workshop 4

Module 8: Acute Respiratory Infections

Module 9: Interpersonal Communication

Module 10: Injecting Vitamin K

Training Workshop 5

Module 11: Breastfeeding

Module 12: Using Visual Aids for Health Education

Training Workshop 6

Module 13: Prevention and Management of Hypothermia

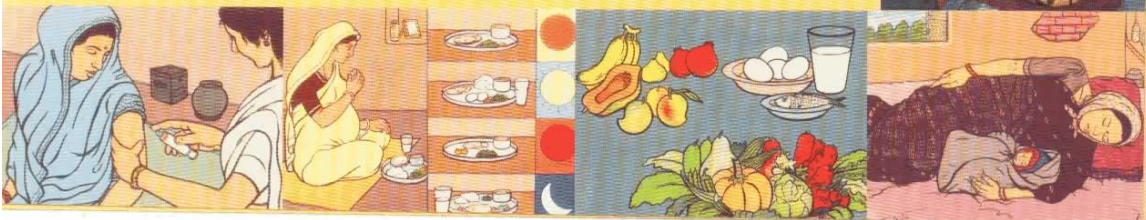
Module 14: High-Risk Assessment and the Management of Low Birth Weight/
Preterm Babies

Training Workshop 7

Module 15: Birth Asphyxia : Diagnosis and Management

Module 16: Neonatal Sepsis : Diagnosis and Management

Module 17: Referral and Review of Mother-Newborn Records





B) Training of Trainers/Supervisors

Training duration 43 days
 Training workshops 3
 TOT Modules 4, CHW Modules 17, TBA Modules 3
 Total Modules 24

Contents of Trainers' Training

Introduction to Home Based Neonatal Care
 Participatory training
 Selection of community health workers (CHWs)
 Supervision
 Learning from numbers to improve work
 Sharing data with CHWs
 Morbidity diagnosis
 Learning CHW curriculum
 Learning TBA curriculum
 CHW, TBA Training Practice



C) Training of Traditional Birth Attendants

Training duration 6 days
 Training workshops 3
 Modules 3

Training Workshop 1

Module 1 : Introduction and clean birth

Training Workshop 2

Module 2 : Antenatal care messages and safe delivery

Training Workshop 3

Module 3 : Care of the newborn

Kit of the community health worker to provide Home-Based Newborn Care*

Equipments

Sr No.	Equipments	Manufacturer	Unit cost (Year 2006)	Quantity per CHW
1	Wrist watch	-	Rs 334/-	1
2	Digital Thermometer	Becton & Dickinson B-D soft flexible digital thermometer	Rs 319/-	1
3	Weighing Scale with sling	Salter weighing Scale Model Super Samson Capacity: 5Kg	Rs 323/-	1
4	Photo album of 12 reference photographs	SEARCH, Gadchiroli.	-	1
5	Bag and mask	Zeal Medical Pvt. Ltd.	Rs 850/-	1
6	Warm sleeping bag for neonates.	Made to order as per SEARCH specifications	Rs 65/-	2 - 3
7	Blankets for neonates	-	Rs 85/-	3 - 4
8	Kangaroo blouse for mother	Made to order as per SEARCH specifications	Rs 99/-	2
9	Mucus extractor	Romson	Rs 12/-	2
10	Health Education flip chart	Made by SEARCH	Rs 200/-	1
11	Baby feeding spoon	-	-	2
12	Torch with cells	-	-	1
13	Spoon	-	-	1
14	Insulin Syringe	-	-	5
15	Trunk for storage of kit, records etc. size 22"x 12"x 10"	-	-	1
16	Bag for carrying Kit/material during home visit (Shabanam bag)	-	-	1

Medicines

Sr No.	Medicines	Use	Quantity per CHW supplied initially
1	Tablets Paracetamol 500 mg	For children in community	100
2	Tablets Acetylsalicylic Acid 300 mg (Aspirin)	For community	500
3	Gentian Violet paint 400 ml bottle (1%)	Newborn Cord care	1 bottle
4	Injection Gentamicin vial 80 mg x 2ml vial (40 mg per ml)	Neonatal sepsis	1 Vial
5	Sterilised cotton	-	1 bundle
6	Syrup Co-trimoxazole 50ml (Trimethoprim 40 mg + Sulphamethoxazole 200 mg/5 ml)	Neonatal sepsis & pneumonia in children	1 bottle
7	Spirit	-	100 ml
8	Tablet Salbutamol (4 mg)	Children with wheeze	20
9	Injection vitamin K ampoule (10 mg/ ml)	Neonates	1 per newborn*
10	Tetracycline eye ointment (3.5 mg)	Neonates	1 per newborn*

* Number of expected newborns may be estimated from the birth rate

Home-Based Newborn Care

Training Manuals and Materials available at SEARCH

Training manuals

1. Community health worker's training manual (English, Hindi and Marathi)
2. Training manual, for training of the trainers of community health workers (under preparation)
3. Training manual for the training of traditional birth attendants (English, Hindi, Marathi)

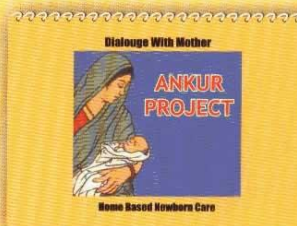
Health education material

1. **Health education film** - A 48 minute film for educating pregnant women and their family members. The film is in Marathi (Tanhula) and in Hindi (Nanhisi Jaan)
2. **Health education flip chart** - The flip chart is in Hindi, English and Marathi with 33 coloured picture cards and relevant messages. It is divided in three parts messages to be given during pregnancy, on the second day after delivery & to the mothers of high risk neonates.

Mother and Newborn record and forms

Mother and Newborn record including monitoring, diagnosis and management of hypothermia, sepsis and breastfeeding problem forms.

Management Information System for reporting on provision of home based newborn care



Printed at: Nemayy, Chhatrapati, Nagpur - 441 120/04/05