

NEWBORN HEALTH RESOURCES

Trainings and Tools for Improving
Newborn Health in Humanitarian Settings



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Contents

● TRAININGS

● TOOLKITS

● IMPLEMENTATION
GUIDANCE

● DIGITAL SUPPORT
TOOLS



TRAININGS

- Advanced Life Support in Obstetrics Global ALSO® Provider and Instructor Courses 1
- Care of Low Birth Weight Babies Through Kangaroo Mother Care 2
- Caring for the Newborn at Home 3
- Early Essential Newborn Care (EENC)—First Embrace 4
- E-Learning Modules for Midwives 5
- Essential Newborn Care Course (ENCC) 6
- Essential Steps for Improving Newborn Survival 7
- Facilitators Guide for Training on Kangaroo Mother Care 8
- Helping Babies Survive (HBS): Essential Care for Every Baby (ECEB) 9
- Helping Babies Survive (HBS): Essential Care for Small Babies (ECSB) 10
- Helping Babies Survive (HBS): Helping Babies Breathe (HBB) 11
- Helping Mothers Survive (HMS): Essential Care for Labor & Birth (ECL&B) 12
- Helping Mothers Survive (HMS): Pre-Eclampsia and Eclampsia (PEE) 13
- Helping Mothers Survive (HMS): Threatened Preterm Birth Care (TPBC) 14
- Management of the Sick Young Infant Aged Up to 2 Months: IMNCI Training Course 15
- Midwifery Education Modules 16
- Minimum Initial Service Package (MISP) for Sexual and Reproductive Health in Crisis Situations: A Distance Learning Module 17
- Sexual and Reproductive Health Clinical Outreach Refresher Trainings (S-CORTs).. 18



TOOLKITS

- Essential Obstetric and Newborn Care Toolkit 19
- Working With Individuals, Families and Communities to Improve Maternal and Newborn Health: A Toolkit for Implementation..... 20



IMPLEMENTATION GUIDANCE

- Improving Care of Mothers and Babies: A guide for improvement teams21
- Kangaroo Mother Care Implementation Guide 22
- Operationalizing Management of Sick Young Infants with Possible Serious Bacterial Infection (PSBI) when Referral is Not Feasible in the Context of Existing Maternal, Newborn, and Child Health Programmes..... 23
- The Revised Baby-Friendly Hospital Initiative 2018 24



DIGITAL SUPPORT TOOLS

- Global Health Media Project..... 25
- Medical Aid Films 26
- Neonatal NoviGuide..... 27
- OppiaMobile Learning Platform 28
- Safe Delivery App..... 29

Introduction

In 2018, the Global Health Cluster lead by the World Health Organization (WHO) conducted a capacity survey of Global Health Cluster partners to capture information on partners' self-assessment of their technical, operational, and coordination capacities. The results showed that most international and national partners reported a lack of capacity and expertise to provide maternal and newborn health (MNH) services. Less than half reported an ability to provide Basic Emergency Obstetric and Neonatal Care (BEmONC) and Comprehensive Emergency Obstetric and Neonatal Care (CEmONC) at primary and secondary level respectively, and only 42% of the international partners and 50% of the national partners reported providing Essential Newborn Care (ENC).

To accelerate newborn health services in humanitarian settings, recent global inter-agency efforts have led to the development of the 2018 Inter-Agency Working Group on Reproductive Health in Crises (IAWG)-endorsed Newborn Health in Humanitarian Settings: Field Guide (NBSFG); the Newborn Care Supply Kits for Humanitarian Settings; and a Roadmap to Accelerate Progress for Newborn Health in Humanitarian Settings: 2020–2024.

In addition, these resource cards were developed to facilitate capacity building of humanitarian stakeholders. To build these cards, a consultant conducted a mapping of key maternal and newborn health trainings across the development and humanitarian sectors using a methodology that included a desk review of existing trainings, stakeholder interviews, and a short online survey delivered to Health Cluster Coordinators. The findings of the mapping exercise were presented and discussed at an experts meeting organized by Laerdal Global Health, Maternity Foundation, and Save the Children in Stavanger, Norway in 2019.

Overall, the mapping identified a great variety of existing training programs, mainly for clinical health care providers, on all aspects of newborn care and at all levels of care provision. Existing trainings for program managers were somewhat scarce, and access to available tools and guidelines could be improved.

Thus, we have packaged these resource tools as a quick pocket reference to aid program managers and implementers in humanitarian and fragile settings with identifying and accessing the most relevant trainings, tools, implementation guidance, and clinical guidance.

We thank Hilde Cortier for her work in developing these resource cards, alongside Laerdal Global Health, Maternity Foundation, and Save the Children. We extend our appreciation and admiration to the many agencies that have invested resources in developing these trainings and tools, and applaud them for continuing to advance newborn health care in the most vulnerable settings. We also wish to thank the stakeholders that have supported this initiative that began in Stavanger, including:

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Advanced Life Support in Obstetrics Global ALSO® Provider and Instructor Courses

Overview



Target Audience

Health care providers



Mode of Delivery

In person



Duration

2 days for the provider course

1 day for the instructor course



Languages

English, Chinese, Portuguese, Spanish

Description

Advanced Life Support in Obstetrics (ALSO) is an evidence-based, interprofessional, and multidisciplinary training program that equips the entire maternity care team with skills to effectively manage obstetric emergencies.

ALSO Global has been utilized in 62 countries and educated thousands of health care providers around the world. This program utilizes the ALSO program content and makes it culturally and globally adaptable to the country in which the course is held.

This obstetrical emergency training program helps health care providers throughout the world develop and maintain the knowledge and skills they need to effectively manage emergency situations such as postpartum hemorrhage, shoulder dystocia, breech delivery, cord prolapse and maternal resuscitation. Although labor and delivery room emergency care is the main focus of the program, the ALSO curriculum further addresses preventive care and practice concerns, such as medical complications of pregnancy, preterm labor, labor dystocia, trauma and helping presents cope with a birth crisis.

The ALSO Instructor Course equips current ALSO Providers with the skills and knowledge they need to effectively teach ALSO courses. Any clinician providing obstetrical care who has already obtained their ALSO Provider status is eligible to become an approved ALSO Approved Instructor.

Additional Information

The AAFP holds a license agreement with many countries. Please contact them directly to determine if a program is available; they can also assist you in finding the appropriate contact by country. If a Global ALSO program is not available in your country, there may be an opportunity to establish one.

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Organization

American Academy of Family Physicians (AAFP)

Year of Development

1992



[https://www.aafp.org/cme/
programs/also/international.
html](https://www.aafp.org/cme/programs/also/international.html)



Care of Low Birth Weight Babies Through Kangaroo Mother Care

Overview



Target Audience

Health care providers



Duration

2 days



Mode of Delivery

In person



Languages

English

Description

This learning resource package is focused on *Care of Low Birth Weight Babies (LBW)* through *Kangaroo Mother Care (KMC)*. It provides information about the needs and essential health care of LBW babies from birth up to the time of discharge from KMC.

There are 6 modules:

- Identification of LBW babies and its complications
- Feeding of LBW babies
- Danger signs and common problems of LBW babies with their management
- Hypothermia in newborns and its management
- Kangaroo Mother Care
- Recording and reporting

The package comprises a Facilitator's Notebook, Learner's Handbook and Information Education and Communication (IEC) materials. The Learners Handbook uses a competency-based approach and is designed to teach the health workers care of LBW babies.

The Facilitator's Notebook comprises technical content and a course outline, including a knowledge assessment questionnaire with answer key, skills assessment checklists and case scenarios.

Additional Information

It contains all the technical content, checklists, case scenarios and the schedule for two days of training.

Organization

Government of Nepal, Jhpiego

Year of Development

2015



<http://resources.jhpiego.org/resources/KMC-LRP>



Caring for the Newborn at Home

Overview

 **Target Audience**
Community health workers

 **Duration**
6 days

 **Mode of Delivery**
In person

 **Languages**
English

Description

These training materials provide guidance for community health workers to conduct home visits in the antenatal period and the first weeks after the baby is born. They promote that families seek care from a skilled health professional for antenatal care and care at birth, and support families in adopting appropriate home care practices for the mother and baby, during pregnancy and after childbirth.

The course is based upon adult learning principles. It includes classroom learning, group discussions, games, role plays and most importantly, hands-on supervised field practice in a health facility and in the community.

Course objectives are to develop community health workers' competence in:

- Communication skills and building a good relationship with the family when making a home visit.
- Counselling the family on the importance of antenatal care, planning for birth in a health facility, home care for pregnant women and appropriate newborn care practices immediately after birth.
- Assessing breastfeeding, danger signs and weight in a newborn, deciding to refer or provide care at home depending on the results of the assessment, and advising families on optimal care practices for the newborn.
- Assisting families to provide extra care for the small baby.

Additional Information

This training course is part of the WHO-UNICEF package "Caring for Newborns and Children in the Community". The package consists of 3 courses: "Caring for the Newborn at Home", "Promoting Healthy Growth and Development", and "Caring for the Sick Child".

Organization

UNICEF and WHO

Year of Development

2015



https://www.who.int/maternal_child_adolescent/documents/caring-for-the-newborn-at-home/en/



Early Essential Newborn Care (EENC)–First Embrace

Overview



Target Audience

Health care providers and program managers



Duration

2-8 days (depending on the module)



Mode of Delivery

In person



Languages

English

Description

The 5 *Early Essential Newborn Care (EENC)* modules support planning, implementation, improvement, and monitoring and evaluation of EENC.

Module 1 is used at the national and subnational levels to collect data for development of annual and 5-year national strategic plans. National and subnational facilitators use Module 2 to upgrade skills of health workers providing routine childbirth and newborn care nationwide. In hospitals, EENC teams are formed to regularly assess and improve quality of care using Module 3. Once excellent routine childbirth and newborn care are well-established, coaching and quality of improvement for *Kangaroo Mother Care (KMC)* for preterm infants is done with Module 4. Lastly, management of childbirth and postpartum complications is added using Module 5.

The 5 Modules are complemented by the *Early Essential Newborn Care Clinical practice pocket guide* which provides health workers with WHO recommended steps to care for mothers during labour and delivery and for newborn babies after birth.

Additional Information

EENC is a set of simple, cost-effective interventions that benefit all newborns. The components of the First Embrace are:

- Drying the baby immediately and thoroughly after birth;
- Immediate skin-to-skin contact between mother and baby for no less than 90 minutes;
- Clamping the cord after pulsations stop, cutting the cord with a sterile instrument;
- Initiating exclusive breastfeeding when cues occur (such as drooling, tonguing, rooting, biting hand)

Organization

WHO Western Pacific Region

Year of Development

2016



<http://www.thefirstembrace.org/>



E-Learning Modules for Midwives

Overview

 **Target Audience**
Health care providers

 **Duration**
Depends on module

 **Mode of Delivery**
Online

 **Languages**
English, French

Description

These innovative, interactive, multi-media e-modules—with built-in assessments—provide training on all major basic emergency obstetric and newborn care and family planning skills for frontline healthcare workers.

The *Essential Newborn Care Module* is focused on two general areas: immediate, essential newborn care and early recognition of newborn problems. It includes a video demonstration of newborn resuscitation using a model.

The curriculum includes: Introduction, Pre Module Quiz, Case studies, Lesson, Summary, Post Module Quiz.

Additional Information

Utilizing Intel’s SKOOL technology (which is free of charge) these modules do not require an internet connection and can be accessed at any time, anywhere.

Other featured e-learning modules are:

- *Managing Post-partum Hemorrhage*
- *Managing Prolonged and Obstructed Labor*
- *Managing Pre-Eclampsia and Eclampsia*
- *Bleeding after Birth*
- *Managing Post Abortion Care*
- *Family Planning*
- *Managing Puerperal Sepsis*
- *Danger Signs in Pregnancy*

Each module can be translated into any language and the graphics can also be adapted to suit local socio-cultural contexts. There are some modifications in WHO technical guidance (e.g. medicines for PPH) that have not yet been changed in the modules.

Organization

Jhpiego, UNFPA, and Intel

Year of Development

2013



<https://www.unfpa.org/resources/e-learning-modules-midwives>

<http://reprolineplus.org/learning-opportunities>



Essential Newborn Care Course (ENCC)

Overview



Target Audience

Health care providers



Duration

28-32 hours



Mode of Delivery

In person



Languages

English

Description

The *Essential Newborn Care Course (ENCC)* aims to ensure health workers have the skills and knowledge to provide appropriate care at the most vulnerable period in a baby's life. Health workers are taught to use WHO's *Pregnancy, Childbirth, Postpartum and Newborn Care: A guide for essential practice (the PCPNC Guide)*.

The training has 4 modules and 13 sessions:

- Care of the baby at the time of birth
- Examination of the newborn baby
- Care of the newborn baby until discharge
- Special situations and optional sessions

It includes a facilitator guide, training file, clinical practice, classroom practice and participant workbook.

Additional Information

The *Essential Newborn Care Course* is designed to be facilitated by at least 2 trainers.

The ENCC is approximately 28 to 32 hours in length, which includes at least 6 hours of hospital-based clinical demonstration, observation and practice in clinical areas.

The new edition of the course, with options for face-to-face and distance learning, will be released in 2020.

Organization

WHO

Year of Development

2010



https://www.who.int/maternal_child_adolescent/documents/newborncare_course/en/



Essential Steps for Improving Newborn Survival

Overview



Target Audience

Health care providers and program managers



Duration

2.5 hours



Mode of Delivery

Online



Languages

Arabic, English, French, Portuguese, Spanish

Description

This online course will orient participants to the latest research, technical knowledge, and best practices that are essential to babies surviving and thriving around the world.

By the end of this mini-course, the participant will be able to understand and discuss the following:

- The magnitude, breadth, disparities, and significance of newborn mortality worldwide.
- The primary causes and risk factors for neonatal morbidity, mortality, and stillbirths.
- Effective interventions for maternal and newborn health across the life cycle, including preconception care, healthy timing and spacing of pregnancies, antenatal care, labor and delivery management, and postnatal care.
- Foundations of routine essential newborn care for every baby at birth, including helping babies breathe, keeping them warm, keeping them clean, helping them feed, and regular monitoring and assessment for mother and baby.
- Metrics and indicators related to newborn health.
- Current global partnerships and initiatives related to newborn health.
- Program development and implementation strategies for essential newborn care, including successful case studies.

Additional Information

The courses and certificate programs at the Global Health Learning Center offer self-paced, internet-based courses intended to be completed within a few hours. Courses can be taken online, and materials can be printed for further study.

Organization

Global Health Learning

Year of Development

2017



<https://www.globalhealthlearning.org/course/essential-steps-improving-newborn-survival>



Facilitators Guide for Training on Kangaroo Mother Care

Overview

 **Target Audience**
Health care providers

 **Duration**
3.5 days

 **Mode of Delivery**
In person

 **Languages**
English

Description

This facilitator guide coupled with PowerPoint presentations and other resources can be used for competency-based training of health facility teams for setting up Kangaroo Mother Care (KMC) service. In addition, the resources include tools and guidance in monitoring and evaluation of KMC.

The guide focuses on building the learner's experience followed by a step-by-step skills demonstration and practice on essential care, thermal control, feeding and infection prevention. It includes video demonstrations and PowerPoint presentations to demonstrate key skills and step-by-step actions for implementing, monitoring and evaluating KMC services. It uses *Helping Babies Survive* training tools and mannequins.

Modules:

- Preparation and/or anticipating for birth and essential newborn care
- Maintaining thermal care and KMC positioning
- Feeding
- Routine assessment for change of care or referral
- Referral, discharge, re-admission and follow-up
- KMC implementation experiences, challenges, and possible solutions
- Increasing KMC support and action planning for implementation and scale-up

Additional Information

The training program needs a course coordinator and five facilitators with relevant skills and experience, and administrative and support staff. A list KMC researchers and trainers is also provided.

All the supporting materials can be accessed in a Dropbox link.

Organization

Save the Children and UNICEF

Year of Development

2018



<https://www.healthynewbornnetwork.org/resource/facilitators-guide-for-training-on-kangaroo-mother-care/>



Helping Babies Survive (HBS): Essential Care for Every Baby (ECEB)

Overview



Target Audience

Health care providers



Duration

1.5 days



Mode of Delivery

In person



Languages

English, French, Spanish

Description

The *Essential Care for Every Baby (ECEB)* curriculum is part of the evidence-based suite of trainings from the *Helping Babies Survive (HBS)* program. ECEB teaches health care providers essential newborn care practices to keep all babies healthy from the time of birth to discharge from the facility.

ECEB improves newborn care skills through hands-on learning, role play and practice using simulators.

The ECEB curriculum includes:

- Action Plan Wallpaper: A simple, pictorial, step-by-step wall chart for essential newborn care.
- Flip Chart Set: an educational tool to assist and guide instructors to train health care providers in essential newborn care.
- Provider Guide: An educational guide and quality improvement tool for the health care providers to provide essential care for every baby, to be used both during the training and in the facility.
- Parent Guide: An educational and skill-building resource for parents of newborns after discharge.

Additional Information

If you want to hold an ECEB training, you also need the NeoNatalie Basic Simulator and MamaBreast Breastfeeding Simulator, which can be ordered on the LGH website or Shop AAP.

The English, French and Spanish versions can be ordered as a printed version. Other languages (Albanian, Arabic, Indonesian, Romanian, Russian, Swahili and Uzbek) can be downloaded for printing.

The HBS curricula can be used as stand-alone programs, integrated with one another, or integrated with a country's existing health infrastructure.

Organization

American Academy of Pediatrics (AAP) and Laerdal Global Health (LGH)

Year of Development

2014



<https://www.aap.org>

<https://laerdalglobalhealth.com/products/newborn-health/>



Helping Babies Survive (HBS): Essential Care for Small Babies (ECSB)

Overview

 **Target Audience**
Health care providers

 **Duration**
At least 1 day

 **Mode of Delivery**
In person

 **Languages**
English, French, Spanish

Description

The *Essential Care for Small Baby (ECSB)* curriculum is part of the evidence-based suite of trainings from the *Helping Babies Survive (HBS)* program. ECSB teaches the special care needed for small or premature babies born in low resource areas so birth attendants and mothers learn how to keep them warm by skin-to-skin wrapping and so they can keep them nourished with alternative feeding methods.

ECSB improves the capacity of health care workers to support the needs of preterm and low-birthweight babies through hands-on learning and practice using the MamaBreast breastfeeding simulator and PremieNatalie newborn simulator.

The ECSB curriculum includes:

- **Action Plan Wall Poster:** A simple, pictorial, step-by-step wall chart for essential care of small babies after birth.
- **Facilitator Flip Chart:** An educational tool to assist and guide instructors to train healthcare providers in essential small baby care.
- **Provider Guide:** An educational guide and quality improvement tool for healthcare providers to provide essential care for small babies after birth, to be used both during the training and in the facility.
- **Parent Guide:** An educational and skill-building resource for parents with small babies.

Additional Information

If you want to hold an ECSB training, you need the PremieNatalie Preterm Simulator and the MamaBreast Breastfeeding Simulator. The Nifty Cup and Care Plus are included in the simulators, which can be ordered on the LGH website or Shop AAP.

The English, French and Spanish versions can be ordered as a printed version. Other languages (Albanian, Indonesian, Portuguese, Romanian, Russian and Uzbek) can be downloaded for printing.

Organization

American Academy of Pediatrics (AAP) and Laerdal Global Health (LGH)

Year of Development
2014



<https://www.aap.org>

<https://laerdalglobalhealth.com/products/newborn-health/>



Helping Babies Survive (HBS): Helping Babies Breathe (HBB)

Overview

 **Target Audience**
Health care providers

 **Duration**
1 day

 **Mode of Delivery**
In person

 **Languages**
English, French, Spanish, Swahili

Description

Helping Babies Breathe (HBB) curriculum is part of the evidence-based suite of trainings from the *Helping Babies Survive (HBS)* program.

Helping Babies Breathe teaches the initial steps of neonatal resuscitation to be accomplished within “The Golden Minute” to save lives and give a much better start to many babies who struggle to breathe at birth.

The HBB curriculum includes:

- Action Plan Wall Poster: A simple, pictorial, step-by-step wall chart for neonatal resuscitation.
- Reprocessing Poster: A simple, pictorial wall poster outlining how to correctly disassemble, clean and disinfect neonatal resuscitation equipment.
- Facilitator Flip Chart: An educational tool to assist and guide HBB instructors to train healthcare providers to help babies breathe at birth.
- Provider Guide: An educational guide and quality improvement tool for healthcare providers to help babies breathe at birth.

Additionally, a series of webinars have been developed to provide additional advice to support training, skills retention, and ongoing efforts to improve HBB implementation efforts.

Additional Information

HBB improves neonatal resuscitation skills through hands-on learning and practice using the NeoNatalie Newborn Simulator, which can be ordered on the Laerdal Global Health website or Shop AAP.

The English, French, Spanish and Swahili versions can be ordered as a printed version as well as downloaded. The other languages (Arabic, Farsi, Nepali, Portuguese, Russian and Vietnamese) can be downloaded for printing.

Organization

American Academy of Pediatrics (AAP) and Laerdal Global Health (LGH)

Year of Development

2010, 2nd edition 2017



<https://www.aap.org>

<https://laerdalglobalhealth.com/products/newborn-health/>



Helping Mothers Survive (HMS): Essential Care for Labor & Birth (ECL&B)

Overview

 **Target Audience**
Health care providers

 **Duration**
1 day

 **Mode of Delivery**
In person

 **Languages**
English

Description

Essential Care for Labor & Birth (ECL&B) is a one-day capacity building module that supports midwives to provide the highest quality care at birth, emphasizing respectful care, women's choice, comprehensive assessment on admission, and close monitoring and care during labor, birth, and immediate postpartum. ECL&B is designed as a hands-on, facility-based training that uses interactive simulators for practice, and video reinforcement to increase providers' knowledge, skills, and clinical confidence.

The ECL&B training covers Communication and teamwork; Respectful care for mothers during labor and after birth; Keeping the normal, normal; Capacity building using a "Low-Dose, High-Frequency" (LDHF) approach; Care during the intrapartum and immediate postpartum periods; and The ability to identify complications.

The ECL&B curriculum includes:

- **Essential Care for Labor & Birth Action Plan Wall Poster:** A simple, pictorial, step-by-step wall chart to identify and manage complications that may arise during labor and birth.
- **Facilitator Flip Chart:** An educational tool to assist and guide instructors to train healthcare providers in prevention, detection and management of bleeding after birth and shock.
- **Provider Guide:** An educational guide and quality improvement tool for healthcare providers to prevent, detect and manage bleeding after birth and shock to be used in preparation for, during and after course completion.

Additional Information

If you want to hold an HMS ECL&B training, you need a MamaBirthie Birthing Simulator, which can be ordered on the Laerdal Global Health website or Shop AAP.

Organization

Jhpiego-led consortium and Laerdal Global Health (LGH)

Year of Development
2019



<https://hms.jhpiego.org/>

<https://laerdalglobalhealth.com/products/maternal-health/>



Helping Mothers Survive (HMS): Pre-Eclampsia and Eclampsia (PEE)

Overview



Target Audience

Health care providers



Duration

1 or 2 days depending on the facility level



Mode of Delivery

In person



Languages

English, French, Russian, Spanish

Description

HMS Pre-eclampsia & Eclampsia addresses the second leading cause of maternal death globally. All facilities receive Day 1 where knowledge, skills and clinical decision-making are supported and refreshed for rapid initial assessment, classification, and administration of loading doses of anticonvulsant and antihypertensive medications. Day 2 is for referral centers that manage ongoing care and management of pre-eclamptic women.

The *PE&E* module covers Communication and teamwork; Correct assessment and classification of hypertensive disorders of pregnancy; Administration of loading and maintenance doses of magnesium sulphate; Administration of antihypertensive medications; and Management of delivery timing decisions.

The *HMS PE&E* curriculum includes:

- 2 Action Plan Wall Posters (Initial Care, Advanced Care): Two simple, pictorial, step-by-step wall charts.
- Facilitator Flip Chart: An educational tool to assist and guide instructors to train healthcare providers in detection, classification and management of pre-eclampsia and eclampsia.
- Provider Guide: An educational guide and quality improvement tool for healthcare providers to detect, classify and manage pre-eclampsia and eclampsia to be used in preparation for, during and after course completion.
- MgSO₄ Checklist/Monitoring A4 Sheet.

Additional Information

For this training, no birthing simulator is required. However, a Birthing Simulator will add realism to the training.

Other learning module in the HMS series: *Essential Care for Labor & Birth (ECL&B)*, *Threatened Preterm Birth Care (TPTBC)*, *Bleeding After Birth Complete (BABAC)*.

Organization

Jhpiego-led consortium and Laerdal Global Health (LGH)

Year of Development

2016



<https://hms.jhpiego.org/>

<https://laerdalglobalhealth.com/products/maternal-health/>



Helping Mothers Survive (HMS): Threatened Preterm Birth Care (TPBC)

Overview

 **Target Audience**
Health care providers

 **Duration**
2 days

 **Mode of Delivery**
In person

 **Languages**
English, French

Description

HMS Threatened Preterm Birth Care is a two-day course designed for teams of health workers who may care for women at risk of premature birth. This module aims to improve outcomes of preterm birth by identifying women likely to deliver premature newborns and manage complications such as infection, hemorrhage, pre-eclampsia and preterm rupture of the membranes. Early management of these complications and the use of antenatal corticosteroids where appropriate will help to improve survival.

The training is designed to be used at higher level facilities where trained staff and supplies are available to accurately estimate gestational age and diagnose conditions leading to preterm birth, reliably identify and treat maternal infections and provide advanced care for preterm newborns.

The materials include:

- Action Plan, Flip Chart, Providers Guide, GA Job Aid, Medication Chart, GA wheel, as well as a sample training agenda and knowledge check.

Additional Information

Helping Mothers Survive Programs:

1. *Essential Care for Labor & Birth (ECL&B)*
2. *Pre-Eclampsia and Eclampsia (PE&E)*
3. *Bleeding After Birth Complete (BABC)*

Related Helping Babies Survive Modules:

1. *Essential Care for Every Baby (ECEB)*
2. *Essential Care for Small Babies (ECSB)*
3. *Helping Babies Breathe (HBB)*

Organization

Jhpiego-led consortium and Laerdal Global Health

Year of Development
2016



<https://hms.jhpiego.org/>



Management of the Sick Young Infant Aged Up to 2 Months: IMNCI Training Course

Overview



Target Audience

Health care providers



Duration

3 days



Mode of Delivery

In person



Languages

English

Description

These training materials are for training of health workers on the updated management guidelines for managing sick young infants (SYI) ages 0 to 59 days.

The participant manual helps participants to systematically go through the course, to understand the rationale behind the *Management of the sick young infant up to 2 months: IMCI chart booklet*. The course reflects all the recent updates particularly on Managing possible serious bacterial infection (PSBI) in young infants when referral is not feasible.

The participant manual includes reading sections, written exercises, photographs, video demonstrations, role plays and group discussions.

The facilitator guide contains instructions on facilitation, working and how to guide participants through the participant manual.

Additional Information

This training course combines classroom work with hands-on clinical experience. Under the guidance of course facilitators and a skilled clinical instructor, participants work in small groups. Each participant attends clinical sessions, seeing at least 5–10 sick young infants in an outpatient clinic or inpatient ward.

Organization

WHO

Year of Development

2019



https://www.who.int/maternal_child_adolescent/documents/management-sick-young-infant-0-2-months-training/en/



Midwifery Education Modules

Overview



Target Audience

Health care providers



Duration

Each module from 3 days to 2 weeks



Mode of Delivery

In person



Languages

English, French

Description

This set of 6 training manuals was developed to equip midwives with essential life-saving skills. The manuals respond to the major problem of preventable maternal deaths. Logically organized and well illustrated, the manuals communicate the knowledge needed by midwives in order to think critically, make the right decisions, and apply the appropriate clinical skills particularly in life-and-death emergencies.

The curriculum includes 6 modules:

- Midwifery foundation module
- Managing eclampsia
- Managing incomplete abortion
- Managing prolonged and obstructed labour
- Managing PPH
- Managing puerperal sepsis

When using the modules for basic midwifery programmes, it is understood that students should already be competent in most of the basic skills such as measuring blood pressure, performing a vaginal examination, conducting a normal delivery and prevention of infection.

Additional Information

Each module can be taught independently of the other modules.

Organization

WHO

Year of Development

1996, updated in 2006



https://www.who.int/maternal_child_adolescent/documents/9241546662/en/



Minimum Initial Service Package (MISP) for Sexual and Reproductive Health in Crisis Situations: A Distance Learning Module

Overview



Target Audience

Humanitarian actors and stakeholders



Duration

5-7 hours



Mode of Delivery

Online



Languages

English, French

Description

The *Minimum Initial Service Package (MISP) for Sexual and Reproductive Health (SRH) distance learning module* aims to increase humanitarian actors' and stakeholders' knowledge of the priority SRH services that must be initiated at the onset of a humanitarian crisis and scaled up for equitable coverage throughout protracted crises and recovery. This includes planning for and implementing comprehensive SRH services as soon as possible following a crisis.

There are 9 units:

- What Is the MISP for SRH?
- Ensure the Health Sector/Cluster Identifies an Organization to Lead Implementation of the MISP
- Prevent Sexual Violence and Respond to the Needs of Survivors
- Prevent the Transmission of and Reduce Morbidity and Mortality Due to HIV and Other STIs
- Prevent Excess Maternal and Newborn Mortality and Morbidity
- Prevent Unintended Pregnancies
- Plan to Integrate Comprehensive SRH Services into Primary Health Care
- Other SRH Priorities for the MISP
- Ordering Inter-Agency Emergency Reproductive Health Kits

Additional Information

In addition to the nine units, the module includes unit quizzes and e-learning exercises to reinforce the material in the units, and links to additional web-based resources. Further, learners are invited to complete a post-test. Those who score at least 80% will automatically receive a certificate of completion that can be printed and saved.

Organization

Women's Refugee Commission, Inter-Agency Working Group on Reproductive Health in Crises (IAWG)

Year of Development

Revised 2019



<https://iawg.net/resources/minimum-initial-service-package-distance-learning-module>



Sexual and Reproductive Health Clinical Outreach Refresher Trainings (S-CORTs)

Overview

 **Target Audience**
Trained health care providers

 **Duration**
2-3 days

 **Mode of Delivery**
In person refresher training

 **Languages**
English

Description

The S-CORTs were developed to address the need for rapid clinical refresher trainings on the life-saving services included in the Minimum Initial Service Package (MISP) for Sexual and Reproductive Health. These trainings are designed for use in acute and protracted humanitarian contexts and as part of preparedness efforts.

Resources:

- *Clinical Management of Sexual Violence Survivors*
- *Uterine Evacuation in Crisis Settings using Manual Vacuum Aspiration (MVA)*
- *Assisted Vaginal Delivery via Vacuum Extraction*
- *Basic Emergency Obstetric and Neonatal Care (BEmONC) in Humanitarian Settings: Select Signal Functions*
- Operational Considerations, Programmatic Guidance and Budget template.

Additional Information

This training program is designed for clinical service providers, including midwives, nurses or other mid-level providers, general practice physicians, and obstetricians who were educated on the clinical intervention in the past and now aim to renew their knowledge and skills.

S-CORT modules are intended for use as two- or three-day trainings at or near participants' clinical workplace to minimize their time away from clinical practice. The modules can be delivered in a classroom or on the job, depending on the setting.

Organization

Inter-Agency Working Group on Reproductive Health in Crises Training Partnership Initiative, Ipas

Year of Development
2017



<http://iawg.net/tpi-home/resources/>



Overview



Target Audience

Program managers



Duration

N/A



Mode of Delivery

Toolkit



Languages

English

Description

This *Essential Obstetric and Newborn Care Toolkit* offers useful resources for country programs to develop, implement, monitor and scale up maternal, newborn and child health-related interventions. Developed by the Maternal and Child Health Integrated Program (MCHIP), this toolkit contains a collection of current evidence and training materials to ensure that all women have access to skilled attendance at birth and care in case of complications.

Resources in this collection:

- *Administration of Antenatal Corticosteroids: A Key Intervention to Reduce Mortality and Morbidity Associated with Prematurity*
- *Better Intrapartum Practices to Reduce Newborn Infection*
- *Delayed Clamping of the Umbilical Cord to Reduce Infant Anaemia*
- *Improved Labor Care to Reduce Intrapartum-Related Newborn Deaths*
- *Prevention of Postpartum Hemorrhage at Home Birth*
- *Essential Obstetric and Newborn Care (EONC): Program Implementation Guide*
- *Quality of Care for Prevention and Management of Common Maternal and Newborn Complications*
- *WHO Recommendations on Prevention and Treatment of Postpartum Haemorrhage*

Organization

Jhpiego and Maternal and Child Health Integrated Program (MCHIP)

Year of Development

2013



<http://resources.jhpiego.org/resources/essential-obstetric-and-newborn-care-toolkit>



Working With Individuals, Families and Communities to Improve Maternal and Newborn Health: A Toolkit for Implementation

Overview



Target Audience

Program managers



Duration

N/A



Mode of Delivery

Toolkit



Languages

English

Description

This toolkit was designed to support countries to integrate and operationalize key themes of empowerment and community engagement in maternal and newborn health programmes at the district level.

It also serves as a resource to support countries in planning, implementing, monitoring and evaluating health promotion interventions for maternal and newborn health.

In addition to strengthening links between communities, local authorities, health services and other actors, the process outlined in the five modules will also contribute to strengthening links between the district, provincial and national levels of the health system.

This toolkit includes:

- *An Overview of Implementation at National, Province and District Levels*
- *Facilitator's Guide to the Orientation Workshop on the IFC Framework*
- *Participatory Community Assessment in Maternal and Newborn Health*
- *Training Guide for Facilitators of the Participatory Community Assessment in Maternal and Newborn Health*
- *Finalizing, Monitoring and Evaluating the IFC Action Plan*

Additional Information

The Toolkit is intended to be reviewed and adapted within each country to suit the national and local context.

Organization

WHO, Enfants du Monde, PAHO

Year of Development

2017



https://www.who.int/maternal_child_adolescent/documents/community-engagement-mnh-toolkit/en/



Improving Care of Mothers and Babies: A guide for improvement teams

Overview



Target Audience

Health care providers



Duration

N/A



Mode of Delivery

Guide



Languages

English, French, Spanish

Description

Improving Care of Mothers and Babies: A guide for improvement teams is designed for healthcare providers in limited-resource settings who want to learn and apply special methods to improve the care of mothers and babies. It includes information and tools to facilitate implementation of quality improvement (QI) activities at the facility level.

The guide outlines the process of improvement step-by-step, helping providers plan, test, implement, continuously assess and sustain interventions that enable care to be delivered in the best way possible.

Improving Care of Mothers and Babies can guide those new to improvement methodologies, as well as provide further support to those who have experience implementing and managing improvement projects. It can be used by a leader or facilitator to help others learn about improvement in both clinical and workshop settings, and can also be used as a self-study manual by improvement teams and individuals.

Organization

American Academy of Pediatrics and URC

Year of Development

2016



<https://www.healthynewbornnetwork.org/resource/improving-care-mothers-babies-guide-improvement-teams/>



Kangaroo Mother Care Implementation Guide

Overview

 **Target Audience**
Program managers

 **Duration**
N/A

 **Mode of Delivery**
Guide

 **Languages**
English

Description

This *Kangaroo Mother Care (KMC) Implementation Guide* brings together the knowledge and experience of people and organizations from many countries in the world who have introduced KMC services in health systems.

This KMC Guide provides pertinent guidelines primarily for national-level policymakers and managers of maternal and newborn health programs. Chapters detail key steps in the development, implementation and expansion of sustainable, facility-based KMC services in developing countries.

There are 9 chapters:

- Introduction to KMC
- Introduction and expansion of KMC services
- Development and adaptation of KMC policy and materials
- Training service providers in KMC
- Achieving and maintaining quality of care with supportive supervision
- Increasing support for facility-based KMC through sensitization and mobilization
- Monitoring, evaluation and documentation of KMC services
- Action planning for KMC implementation and scale-up
- Available KMC resources

Organization

Save the Children

Year of Development

2012



<https://www.healthynewbornnetwork.org/resource/kangaroo-mother-care-implementation-guide/>



Operationalizing Management of Sick Young Infants with Possible Serious Bacterial Infection (PSBI) when Referral is Not Feasible in the Context of Existing Maternal, Newborn, and Child Health Programmes

Overview



Target Audience

Program managers



Duration

N/A



Mode of Delivery

Guide



Languages

English

Description

This WHO guideline on *Managing Possible Serious Bacterial Infection (PSBI) in young infants when referral is not feasible*, contains recommendations for outpatient treatment using simplified antibiotic regimens that can increase access to treatment of pneumonia and PSBI in sick young infants when referral is not accepted or not feasible and can reduce inequity in access to care. This will enable many young infants with PSBI who will not reach hospital care to receive lifesaving care at primary health care facilities.

This document addresses the need for practical guidance on how to operationalize the guidelines in the context of a country's ongoing maternal, newborn and child health programmes.

Organization

Save the Children, WHO, UNICEF

Year of Development

2017



https://www.who.int/maternal_child_adolescent/documents/psbi-implementation/en/



The Revised Baby-Friendly Hospital Initiative 2018

Overview

 **Target Audience**
Program managers

 **Duration**
N/A

 **Mode of Delivery**
Guide

 **Languages**
English, Russian, Spanish

Description

This updated implementation guidance on “Protecting, Promoting, and Supporting Breastfeeding in Facilities Providing Maternity and Newborn Services” is intended for all those who set policy for, or offer care to, pregnant women, families and infants: governments; national managers of maternal and child health programmes in general, and of breastfeeding and Baby-friendly Hospital Initiative (BFHI)-related programmes in particular; and health-facility managers at different levels (facility directors, medical directors, chiefs of maternity and neonatal wards).

The document presents the first revision of the Ten Steps since 1989. The topic of each step is unchanged, but the wording of each one has been updated in line with the evidence-based guidelines and global public health policy.

Additional Information

The *revised BFHI* package includes:

- **Section 1:** Background and implementation, summarizes the background of the initiative and describes the process of implementation
- **Section 2:** Includes all materials for training/raising the awareness of policy and decision-makers in relation of BFHI and IYCF in general
- **Section 3:** Corresponds to a 20-hour course for training facility staff (clinical and non-clinical)
- **Section 4:** Includes self-appraisal and monitoring tools

Organization
WHO and UNICEF
Year of Development
2019



<https://www.who.int/nutrition/publications/infantfeeding/bfhi-implementation/en/>



<https://www.who.int/nutrition/bfhi/infographics/en/>



Global Health Media Project

Overview

 **Target Audience**
Health care providers and caregivers

 **Duration**
Videos are 8 minutes long, on average

 **Mode of Delivery**
Online/offline

 **Languages**
47 different languages

Description

The mission of *Global Health Media Project* is to improve health care and health outcomes in low-resource settings by creating high-quality videos that “bring to life” basic health care information known to save lives.

Their short, engaging, live-action videos, which can be watched online or downloaded, provide a simple and effective solution for teaching basic skills. Designed for a global audience, the videos are used widely in humanitarian settings by leading organizations including MSF, WHO, UNICEF, UNHCR, Save the Children, and many others.

Topics include:

- **Newborn Care:** This series features 38 videos that teach newborn clinical guidelines in a memorable and engaging way. The series covers newborn skills, newborn problems, and special care (including referrals and home visits).
- **Childbirth:** This series features 19 videos around normal birth that demonstrate best-practice care during labor, birth, and immediate postpartum. They showcase a midwifery approach to care.
- **Breastfeeding:** The 18 videos “show and tell” this important information to help health workers and mothers achieve greater breastfeeding success worldwide.
- **Small Baby Care:** The 27 videos in this series cover the care of small babies. The content follows the Essential Care for Small Babies curriculum (2015) developed by the American Academy of Pediatrics and based on the latest WHO guidelines.

Additional information

About 30 new videos on birth (focused on midwifery skills and birth complications) will be released in spring 2020.

Organization
Global Health Media Project



[https://globalhealthmedia.org/
videos](https://globalhealthmedia.org/videos)



Medical Aid Films

Overview

 **Target Audience**
Health care providers

 **Duration**
N/A

 **Mode of Delivery**
Online/offline

 **Languages**
28 languages (depending on the film)

Description

Medical Aid Films creates educational film and animation that is used for health worker training and community health education and engagement in low resource settings. *Medical Aid Films* brings together global health experts with film makers to create engaging and relatable films using local languages—empowering health workers and communities with vital knowledge and skills about women’s and child health.

Medical Aid Films have more than 330 films in over 28 languages and two unvoiced films, covering a range of maternal, new born and child health, sexual and reproductive health, midwifery and emergency obstetric and neonatal care training, communicable and non-communicable diseases and general health. All films are completely free to view and download from our website at www.medicalaidfilms.org or through *Medical Aid Films* YouTube channel.

Additional Information

Medical Aid Films works with 65 partners around the world to integrate content into training and education programmes. Films can be viewed and shared on mobiles, tablets on online platforms and embedded in e-learning courses.

Organization
Medical Aid Films



<https://www.medicalaidfilms.org/>



Neonatal NoviGuide

Overview

 **Target Audience**
Health care providers

 **Duration**
N/A

 **Mode of Delivery**
App

 **Languages**
Any

Description

NoviGuide is a tablet-based software application that helps doctors and nurses care for newborns. At the highest level, it's a guide through a checklist of essential neonatal health assessments. It is a clinical decision support system that leads frontline healthcare providers through the time-sensitive care of a newborn and expands lines of questioning in response to danger signs.

NoviGuide transforms complex neonatal care protocols with their time-consuming and error-prone calculations into an intuitive and streamlined interaction. Its outputs help clinicians accurately dose medications, intravenous fluids and nasogastric feedings so that sick babies can get immediate and precise care, avoid transport to escalation sites, and survive conditions that are often deadly.

When doctors and nurses use *NoviGuide*, they generate data that provides insight about the epidemiology of babies seen at the site and how practitioners select among diverse treatment modalities. Powered by this continuous data, the NoviGuide Dashboard provides targeted recommendations to improve care at a clinic, region or country level.

Organization
Global Strategies



[https://www.noviguide.com/
about](https://www.noviguide.com/about)



OppiaMobile Learning Platform

Overview

 **Target Audience**
Community health workers

 **Duration**
N/A

 **Mode of Delivery**
Offline app

 **Languages**
English

Description

OppiaMobile is an open source mobile learning platform from Digital Campus specially designed for delivering learning content, multimedia and quizzes in low-broadband settings.

These mobile-ready content includes quiz questions, and features video content from *Medical Aid Films*, *Global Health Media Project*, and other contributors. It provides a source of information that can be used for both pre-service and in-service training and to reinforce critical health messages, so that health workers feel confident and empowered to deliver effective services in their communities.

The core Oppia app currently features trainings for both Community Health workers and Skilled Birth Attendants on:

- Antenatal Care
- Labor and Delivery Care
- Postnatal Care
- Integrated Management of Newborn and Childhood Illness

Additional Information

The full curriculum used for Health Extension Worker training in Ethiopia is also available. Oppia has been deployed in many other countries, including nationally in Liberia. The platform allows new course content to be developed and deployed rapidly to provide health workers a more timely and practical approach to health training.

You can download the courses to run offline on your Android smartphone directly from the *OppiaMobile* learning app, available at Google Play.

Organization

Digital-Campus programme, University of Alcalá Foundation

Year of Development

2014 to present



<https://digital-campus.org/courses/>



Safe Delivery App

Overview

 **Target Audience**
Health care providers

 **Duration**
N/A

 **Mode of Delivery**
App

 **Languages**
Multiple

Description

The *Safe Delivery App* is a smartphone application that provides skilled birth attendants with direct and instant access to evidence-based and up-to-date clinical guidelines on Basic Emergency Obstetric and Neonatal Care and essential preventive protocols. The App leverages the growing ubiquity of mobile phones to provide life-saving information and guidance through easy-to-understand animated instruction videos, action cards and drug lists.

It can serve as a training tool both in pre- and in-service training, and equips birth attendants even in the most remote areas with a powerful on-the-job reference tool.

Modules:

- Infection Prevention
- Post Abortion Care
- Hypertension
- Active Management of Third Stage of Labour
- Prolonged Labour
- Post Partum Haemorrhage
- Manual Removal of Placenta
- Maternal Sepsis
- Neonatal Resuscitation
- Newborn Management
- Low Birth Weight

Additional Information

The *Safe Delivery App* is available in Amharic, Arabic, Bangla, Burmese, English, French, Hindi, Kyrgyz, Lao, Oromiffa, Russian and Somali. The *Safe Delivery App* is free for download at App Store and Google Play. No internet connection is required to view the videos and other features of the App once it has been downloaded.

Organization

Maternity Foundation, University of Copenhagen
and University of Southern Denmark



<https://www.maternity.dk/safe-delivery-app/>

