Neonatal Care in Public Health Training Course

Professional Development Training Course Outline

Category	Public Health	**Duration**	5 Days
Base Fee	$1,500 USD	**Delivery Mode**	Online / On-site Hybrid

Course Introduction

Neonatal care is a critical pillar of public health, focusing on the survival, growth, and development of newborns during the first 28 days of life. Neonatal Care in Public Health Training Course is designed to equip healthcare professionals, community health workers, and maternal-child health practitioners with evidence-based knowledge and practical skills to reduce neonatal mortality and improve newborn outcomes. It integrates high-impact interventions, essential newborn care practices, and WHO-aligned public health strategies to strengthen health systems, especially in low-resource and high-burden settings.

With rising global attention on newborn survival, SDG 3 targets, maternal and child health equity, and universal health coverage (UHC), this course emphasizes a multidisciplinary approach. Participants will learn how to implement essential newborn care, neonatal resuscitation, infection prevention, early breastfeeding initiation, kangaroo mother care (KMC), and community-based newborn interventions. The course also strengthens data-driven decision-making, surveillance systems, and quality improvement strategies to ensure sustainable neonatal health outcomes.

Programme Curriculum

Neonatal Care in Public Health Training Course

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Course Duration

5 days

Course Objectives

1. Improve neonatal survival rates through evidence-based interventions
2. Strengthen essential newborn care (ENC) practices in health facilities
3. Build capacity in neonatal resuscitation and emergency response
4. Promote early initiation of exclusive breastfeeding
5. Enhance implementation of kangaroo mother care (KMC) models
6. Reduce neonatal sepsis and infection-related mortality
7. Strengthen maternal-newborn continuum of care
8. Integrate WHO newborn health guidelines into practice
9. Improve community-based newborn care delivery systems
10. Strengthen health information systems and neonatal data tracking
11. Promote quality improvement in neonatal intensive care units (NICU)
12. Enhance public health surveillance for neonatal outcomes
13. Build competency in sustainable newborn health programming

Target Audience

1. Nurses and midwives
2. Pediatric and neonatal doctors
3. Community health workers (CHWs)
4. Public health officers
5. Maternal and child health program managers
6. Medical students and interns
7. NGO health program implementers
8. Health policy and planning professionals

Course Modules

Module 1: Introduction to Neonatal Public Health

- Overview of neonatal mortality burden globally
- SDG 3 and newborn survival targets
- Health system frameworks for neonatal care
- Determinants of neonatal health outcomes
- Policy and global guidelines (WHO/UNICEF)
- **Case Study:** Reduction of neonatal deaths through national newborn survival strategy in Sub-Saharan Africa

Module 2: Essential Newborn Care (ENC)

- Thermal protection and immediate drying
- Safe cord care practices
- Early initiation of breastfeeding
- Newborn infection prevention
- Weight monitoring and danger sign identification
- **Case Study:** Impact of ENC training on rural maternity clinics reducing early neonatal deaths

Module 3: Neonatal Resuscitation

- Birth asphyxia recognition and response
- Bag and mask ventilation techniques
- Apgar scoring and assessment
- Emergency preparedness in delivery rooms
- Referral systems for critical newborns
- **Case Study:** Successful resuscitation program reducing intrapartum-related deaths in district hospitals

Module 4: Infection Prevention and Control (IPC)

- Neonatal sepsis identification and management
- Hand hygiene and sterile delivery practices
- Antibiotic stewardship in newborn care
- Hospital-acquired infection prevention
- Clean delivery kits utilization
- **Case Study:** NICU infection reduction through strict IPC protocols

Module 5: Kangaroo Mother Care (KMC)

- Skin-to-skin contact benefits
- Low birth weight (LBW) management
- Breastfeeding support in preterm infants
- Family-centered newborn care
- Community KMC models
- **Case Study:** Scale-up of KMC reducing preterm mortality in South Asia

Module 6: Neonatal Nutrition and Breastfeeding

- Exclusive breastfeeding promotion strategies
- Management of feeding difficulties
- Lactation support systems
- Nutrition for preterm and LBW infants
- Community breastfeeding counselling
- **Case Study:** Breastfeeding promotion campaign improving infant survival rates in urban settlements

Module 7: Neonatal Intensive Care (NICU) Management

- NICU setup and equipment management
- Oxygen therapy and incubator use
- Monitoring vital signs and alarms
- Care of critically ill neonates
- Referral and transport systems
- **Case Study:** NICU strengthening program improving survival of very low birth weight infants

Module 8: Community-Based Neonatal Health Programs

- Home visits and postnatal care
- CHW-led newborn follow-up systems
- Danger sign education for families
- Community referral pathways
- Health education and behavior change communication
- **Case Study:** Community health worker program reducing neonatal mortality in rural Africa

Training Methodology

This course employs a participatory and hands-on approach to ensure practical learning, including:

- Interactive lectures and presentations.
- Group discussions and brainstorming sessions.
- Hands-on exercises using real-world datasets.
- Role-playing and scenario-based simulations.
- Analysis of case studies to bridge theory and practice.
- Peer-to-peer learning and networking.
- Expert-led Q&A sessions.
- Continuous feedback and personalized guidance.

Register as a group from 3 participants for a Discount

Send us an email: info@fineskilltrainingcenter.org or call *+254769199797*

Certification

Upon successful completion of this training, participants will be issued with a globally- recognized certificate.

Tailor-Made Course

We also offer tailor-made courses based on your needs.

Key Notes

a. The participant must be conversant with English.

b. Upon completion of training the participant will be issued with an Authorized Training Certificate

c. Course duration is flexible and the contents can be modified to fit any number of days.

d. The course fee includes facilitation training materials, 2 coffee breaks, buffet lunch and A Certificate upon successful completion of Training.

e. One-year post-training support Consultation and Coaching provided after the course.

f. Payment should be done at least a week before commence of the training, to Fineskill Training Center account, as indicated in the invoice so as to enable us prepare better for you.

Upcoming Scheduled Sessions

Start Date	End Date	Location	Price
23 Nov 2026	27 Nov 2026	Online	$1,000
23 Nov 2026	27 Nov 2026	Physical	$1,500
23 Nov 2026	27 Nov 2026	Physical	$3,000
23 Nov 2026	27 Nov 2026	Physical	$3,000
23 Nov 2026	27 Nov 2026	Physical	$6,000
23 Nov 2026	27 Nov 2026	Physical	$4,500
23 Nov 2026	27 Nov 2026	Physical	$6,000
23 Nov 2026	27 Nov 2026	Physical	$6,000

Ready to enroll or request a customized program? Book online or contact us:

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