



INSTITUTE FOR
INTERNATIONAL
MEDICINE

INMED Professional Qualification Course in Helping Babies Breathe (HBB) / Essential Newborn Care 1 Syllabus

Course Faculty:

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Learning Support:

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Overview:

Some one million newborns die each year from the inability to breathe at birth. The INMED Professional Qualification Course in Helping Babies Breathe (HBB Master Trainer Course, 2nd Edition) is an evidence-based educational program to prepare learners to teach basic neonatal resuscitation techniques in low-resource locations to benefit midwives, mid-level providers, and traditional birth attendants. In such settings, HBB also can be effectively combined with other teaching, such as management of maternal delivery and early neonatal care. Helping Babies Breathe (HBB) 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, and the National Institute of Child Health and Development.

Participants will receive access to the INMED Maternal-Newborn Health Short Self-Paced Course, one day of supervised hands-on skill development, and upon satisfactory participation and skill demonstration, the INMED Professional Qualification in Helping Babies Breathe. Please note that accommodations and meals are not included.

Competency Objectives:

At the completion of the INMED Professional Qualification Course in Helping Babies Breathe learners will be able to:

- Identify delivery risks for mothers and newborns
- Mitigate delivery risks for mothers and newborns
- Provide for the healthcare needs of newborns at delivery, include ventilatory support when appropriate
- Transfer newborn healthcare skills to other providers

Timeframes:

This Professional Qualification Course is a hybrid experience that combines an online learning experience followed by a one-day, in-classroom event to master hands-on skills and assess achievements.

Academic Credit:

Completion of this course requirements earns one credit hour of academic credit.

Admission Requirements:

- Enrolled in a current health science degree program, including public health and health administration (or)
- Current healthcare professional, educator or administrator

Computing Requirements:

The following are the minimum computing requirements for participating this course. Students must have ready access to and be functionally proficient with:

- A personal computer with an up-to-date operating system and ample memory for downloads. A rectangular monitor (desktop or tablet) is preferable for course navigation.
- A web browser, preferably the most up-to-date version of Chrome, Internet Explorer, Firefox, or Safari
- Applications capable of opening and editing Microsoft Word documents and of viewing PDFs
- An Internet connection, preferably high speed
- Capability of viewing YouTube and Vimeo videos

Education Methods:

Learners will achieve the course competency objectives through the following educational methods:

- Interactive online learning techniques

- Interactive live presentations
- Skill stations for increasing technical proficiency
- Teaching opportunities to enhance skills transfer

Assigned Maternal-Newborn Health Lessons:

Assignments to be completed prior to the in-person classroom workshop: Participate in the Maternal-Newborn Health Short Self-Paced Course content, Lessons 1-8, and complete the Pre-Test and Post-Test for this content.

Learning Content:

Lesson 1	Surviving Motherhood
Lesson 2	Pre And Post Natal Care
Lesson 3	Pregnancy Complications
Lesson 4	Pressing Women's Disability Issues
Lesson 5	Newborn Care Overview
Lesson 6	Healthy Newborn
Lesson 7	Newborn Problems and Management
Lesson 8	Maternal Newborn Future Vision

In-Person Classroom Workshop:

8:00am	Introduction to Helping Babies Breathe
9:00	Dialogue – Causes of Neonatal Death; Intro to HBB Program
9:30	Ventilation with Bag and Mask
10:00	Preparation for a Birth
11:00	Routine Care (learning with the neonatal simulator)
12:00	Lunch
1:00pm	The Golden Minute® (clear airway and stimulate breathing)
1:30	The Golden Minute (ventilation)
2:30	Continued Ventilation with Normal and Slow Heart Rate
3:00	Participant Evaluations – Mastering the Action Plan
4:00	Evaluation of Learner Knowledge and Performance
4:30	Implementation of HBB in resource limited setting
5:00	Conclusion

*Schedule is subject to change

Final Exam:

Learners will each demonstrate their skills throughout the day under supervision of the HBB faculty, who will evaluate learners using a standardized skills checkoff list. Learners must demonstrate satisfactory attainment of all required skills.

Explanation of Assignments:

Participation: Learners are required to fully participate in the course content, including interactive content, pre-test, post-test, and in-person classroom hands-on activities.

Punctuality: This is a professional level course. All assignments are expected to be submitted on time.

Professionalism Requirement: This is a learning experience for professionals. Assignments are expected to be completed with excellence.

Learners whose evaluation is acceptable will receive the *INMED Professional Qualification in Helping Babies Breathe*. Those learners whose evaluation is not acceptable will receive a certificate of participation and the opportunity to repeat.

Inadequate learner performance will be managed according to the *Student Probation, Suspension, Dismissal, and Readmission Policy*. This policy is located within the Student Resources tab on the INMED website.

Requirements for Successful Completion & Course Grade Determination:

This course is graded pass/fail. Successful pass requires:

- Maternal-Newborn Health Post-Test $\geq 80\%$
- Satisfactory demonstration of all required skills
- Complete course evaluation and credit claims forms at the course conclusion.

Remediation:

If a learner does not complete this course and achieve the required competencies, the faculty may require the learner to 1) remediate the component(s) that the learner did not satisfactorily complete, or 2) repeat the entire course. Learners must repeat payment of tuition in order to retake a failed course.

Academic Integrity:

Honesty is a fundamental necessity of life. This is a professional-level learning experience. All students are expected to be self-motivated, to perform with excellence, and to be thoroughly honest throughout their process of learning. If any INMED faculty suspects a student has engaged in

Academic Dishonesty, the INMED faculty may initiate the posted Academic Integrity Policy and Process.

Withdrawal and Refund Policy:

Please refer to the posted Withdrawal and Refund Policy.

Course Faculty:

Nicholas Comninellis, MD, MPH, DIMPH

Nicholas Comninellis is President and Professor of INMED, the Institute for International Medicine. He is also faculty at Research Medical Center Family Medicine Residency. Over two years Dr. Comninellis served inner-city citizens at Shanghai Charity Hospital. Over another two years, he led a healthcare ministry in the war-besieged nation of Angola in southern Africa. Dr. Comninellis next served for six years in the Kansas City public hospital before launching INMED in 2003. He graduated from the University of Missouri-Kansas City (UMKC) School of Medicine and Saint Louis University School of Public Health and was a family medicine resident at John Peter Smith Hospital. Dr. Comninellis also earned a professional diploma in tropical medicine from the Walter Reed Army Institute of Research and became board certified in both public health and family medicine. Among his authored books are Shanghai Doctor, Where Do I Go from Here, and INMED International Medicine & Public Health. Dr. Comninellis is a classical guitarist and faculty advisor for UMKC Cru. He was recognized as the 2009 United Nations Association of the United States World Citizen and the 2015 University of Missouri-Kansas City Alumni of the Year.

Rebecca Schmitt, MD

Dr. Rebecca Schmitt is a board-certified general pediatrician practicing at Froedtert Holy Family Memorial in Manitowoc, WI. She completed her pediatric residency at New York-Presbyterian Brooklyn Methodist. She was born and raised in Green Bay, WI and excited to have returned to the area to serve her pediatric patients. She has always had a special interest in global health and medicine, both educating and serving those around the world in most need. Her biggest global health passions are newborn care and clean water projects. She has taught Helping Babies Breathe with INMED both domestically and internationally, serving the people of Roatan, Honduras.