

【別添4】事業概要のまとめ（英語版）

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A collaborative project in Nepal to establish a practical training framework for basic to advanced neonatal resuscitation, incorporating simulation-based training

Nepal has a high neonatal mortality rate, and one of the major contributing factors is neonatal asphyxia. While basic interventions are guided by the Helping Babies Breathe (HBB) protocol, there are significant issues: (1) advanced treatments for physicians are not standardized, and (2) in rural areas, even paramedical staff are unable to perform HBB procedures properly. Local experts express strong concern over the lack of both advanced medical skills and widespread basic skills among healthcare providers.

The aim is to ensure that advanced neonatal resuscitation techniques for physicians and basic techniques for paramedical staff are properly conducted in a standardized manner in Nepal. Additionally, by establishing the necessary training system and enabling autonomous delivery of high-quality training, the project seeks to contribute to a reduction in neonatal mortality.

Based on the NCPR (Neonatal Cardiopulmonary Resuscitation) system—a clinical and training framework developed in Japan and already adapted and optimized for use in other countries—this project will support the Nepal Pediatric Society. The support will include strengthening their capacity to develop neonatal resuscitation guidelines and training materials, conducting training-of-trainers (ToT) programs, enhancing trainer competencies, and establishing a sustainable training management system through training in Japan and the dispatch of experts.

By the end of FY2025, clinical protocols and training packages will be established. By the end of FY2027, certified trainers developed through this project will conduct training at training institutions across all 7 provinces and 66 training centers. As a result, over 70% of perinatal healthcare providers will have completed neonatal resuscitation training.

