



NADAČNÍ FOND PRO ROZVOJ  
GYNEKOLOGIE A PORODNICTVÍ

ZALOŽEN 1991



CZ PERICARE II

Program 04.08.-21.08.2025

Bioengineer - Mr. Kudrna

Assistant -

Objective: The aim of the stay of Cambodian bioengineer specialists in the Czech Republic is to strengthen their professional capacities and practical skills, improve the quality of maternal and child care in Cambodia, and support the transfer of know-how between Czech and

Day	Monday 04.08.2025	Tuesday 05.08.2025	Wednesday 06.08.2025	Thursday 07.08.2025	Friday 08.08.2025
Responsible persons	the whole team				
Clinical part	Introduction: introduction to the workplace environment, basic orientation at the workplace, introduction to the daily schedule	Theoretical and laboratory instruction at CTU. Instruments and equipment for medical gases, pressure vessels, compressor stations, gas treatment.	Theoretical and laboratory instruction at CTU. Instruments and equipment for artificial lung ventilation and anaesthesia. Measurement of ventilation system characteristics, work with flow and gas analysers.	Theoretical and laboratory instruction at CTU. Instruments and equipment for artificial lung ventilation and anaesthesia. Measurement of ventilation system characteristics, work with flow and gas analysers.	Equipment for resuscitation and stabilisation of newborns – theoretical and practical part
	Prague	Kladno	Kladno	Kladno	Prague
Theoretical part					

<b>Day</b>	<b>Monday 11.08.2025</b>	<b>Tuesday 12.08.2025</b>	<b>Wednesday 13.08.2025</b>	<b>Thursday 14.08.2025</b>	<b>Friday 15.08.2025</b>
Responsible persons					
Clinical part	Instrumentation for monitoring vital functions – theoretical and practical part. ECG, SpO2, NIBP/IBP	Instrumentation for monitoring vital functions – theoretical and practical part. EEG, blod gases	Central sterilisation – issues relating to the sterilisation of instruments and medical materials	Records of medical equipment, service orders and repairs. Metrology.	Records of medical equipment, service orders and repairs. Metrology _ II
Theoretical part					
<b>Day</b>	<b>Monday 18.08.2025</b>	<b>Tuesday 19.08.2025</b>	<b>Wednesday 20.08.2025</b>	<b>Thursday 21.08.2025</b>	<b>Friday 22.08.2025</b>
Responsible persons					

Clinical part	Equipment for therapy - effects of electric current on the human body, defibrillators, electrosurgical units - theory	Equipment for therapy - effects of electric current on the human body, defibrillators, electrosurgical units - practical part	Equipment for therapy - devices for phototherapy, incubators, cooling and heating of patients - theoretical & practical part	<b>Evaluation of the stay, final test</b>	<b>Departure</b>
Theoretical part					