

**LIST OF KEY TRAINING TOPICS
STUDIED AT CLINICAL TRAININGS
(in the frame of Ukrainian-Swiss “Perinatal Health” Project
during 2001 – 2007 yy.)**

*The trainings were conducted by Project experts and consultants -9 persons.
Two of them are SCIH (Swiss Center for International Health) experts: Dr Lucas Opitz
and Dr Veronique Isnard (Nice University Hospital, France).*

Yellow – topics presented by other experts.

Obstetrics

1. Family planning, preparation to pregnancy.
2. Management of normal pregnancy.
3. Skills of counseling.
4. Definition of gestational age by USD.
5. Intra-uterine fetal growth retardation.
6. CTG (technique, evaluation).
7. Risk factors in obstetrics.
8. Anti-phospholyx syndrome in obstetrics.
9. EBM approaches to the miscarriage issue (including the recurring one).
10. Hypertension during pregnancy (gestosis context).
11. Intra-uterine infections: outcomes for fetus and newborn; principles of diagnostic and treatment.
12. «Vertical» (mother-to-child) infections.
13. Prevention of HIV vertical transmission (mother-to-child).
14. Viral infections during pregnancy: secondary role of viral infections.
15. Gestational diabetes.
16. Preparation to delivery, safe management of normal delivery.
17. Parthogram.
18. Pathological fetus presentations.
19. Preterm labor and prematurity.
20. Management of multiple pregnancy and labor.
21. Cesarean section: EBM approaches.
22. Induction of labor.
23. Breast-feeding.
24. Transportation in-utero
25. Post-partum hemorrhages.

26. Post-partum contraception.

27. Modern approaches to the assessment of quality of medical care (context of safe management of pregnancy and labor).

Neonatology

1. Newborn health status assessment.
2. Primary resuscitation.
3. Role of monitoring: thermo-regulation (warm chain), pulseoxymeter, glycaemia monitoring etc.
4. Ventilation support: assessment of respiratory insufficiency (Silverman scale), pathophysiology of newborns' respiratory system, AVL (strategies, parameters, criteria of efficiency), non-invasive ventilation support, CPAP, pharmacological support of ventilated newborn.
5. Prematurity
6. "Kangaroo" method.
7. LWB and VLWB newborns.
8. Transportation of critically ill newborns.
9. Vertical infections. Streptococcus B. Nosocomial (hospital-acquired) infections. Rational antibiotic therapy.
10. Nutrition of sick newborns (mainly, parenteral aspects).

11. Newborn jaundice.

12. Perinatal hypoxic-ischemic encephalopathy.
13. Ethical aspects in perinatology.
14. Medical documentation and records.
15. Statistical data in perinatology (its meaning and possible mistakes in interpretation).
16. Role of nurse in newborn care.

For family doctors

1. Basics of MCH: routine practice of family doctor.
2. Monitoring of MCH status.
3. Obstetrics on the primary level.
4. Assessment of newborn and infant status.

5. IMCI (WHO recommendations)
6. Key medicines for neonatology on the primary level.
7. Newborn jaundice.
8. Primary resuscitation.
9. Urgent conditions of newborn.

Additional training materials

1. Movie «Primary resuscitation» (Nice University Hospital, France).
2. Movie «Breast-feeding technique» (WHO).
3. Movie «Newborn status assessment» Nice University Hospital, France).

Focus-seminar:

„Congenital heart diseases: pre- and perinatal diagnostic and tactic ”.

The following topics were covered:

- Fetal cardiology (USD aspects)
- Classification of congenital heart diseases (CHD)
- Heart-and-lung adaptation in perinatal period
- Arrhythmia of newborn.
- CHD – pre-surgery treatment in consultancy center.