

Medical University of Silesia in Katowice  
**DEAN'S OFFICE**  
Faculty of Medical Sciences in Zabrze  
41-800 Zabrze, Pl. Traugutta 2  
Tel/fax 32 370 52 80/32 370 52 43

## Summer clerkship

### IV year

#### Pediatrics – 2 weeks (60 hours)

Clerkship curriculum:

1. Acknowledging operating rules for children's ward and organizational connections of the ward with outpatient health care facilities.
2. Improving skills to assess child's medical condition and its psychophysical development.
3. Learning the rules of infant care, as well as feeding a healthy and sick child (especially an infant).
4. Improving skills of children physical examination, using percentile grids, assessment of the advancement of sexual maturation.
5. Learning the rules of providing first aid to children and infants.
6. Developing skills of proper diagnosis and differentiation of basic disease entities, with particular emphasis on acute conditions.
7. Improving skills of appropriate interpretation of laboratory tests results, imaging techniques (especially ultrasound) and pathomorphological tests.
8. Participation in medical appointments and learning the rules of keeping medical records in children.
9. Acquiring skills to assess the degree of hydration in children, especially in infant, including determining indications for rehydration treatment (amount and composition of infusion fluid).
10. Assessment of acid-base imbalance in a sick child, especially in infant.
11. Performing medical procedures under doctor's supervision: collecting material for diagnostic examination (collecting gastric and duodenal contents, gastric lavage), connecting drip infusions and performing injections.
12. Learning sanitary and epidemiological regulations to be followed in infant and children's ward and learning methods of nosocomial infections prevention.
13. Participation in multi-specialist consultations.
14. Interpretation of the characteristics of medical products and critical evaluation of advertising materials related to medical products.

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## **Intensive care - 2 weeks (60 hours)**

Clerkship curriculum:

1. Acknowledging operating rules and the scope of provided health services in intensive care unit.
2. Acknowledging and acquiring skills to use medical equipment in intensive care unit.
3. Improving skills to diagnose and differentiate life-threatening conditions.
4. Improving skills to proceed in acute life-threatening conditions and to assess the medical condition of an unconscious patient.
5. Improving skills to monitor patient's vital signs.
6. Assisting and learning the procedure of assisted and substitute ventilation.
7. Assisting in medical of procedures implemented in intensive care unit.
8. Learning the rules for acting in accordance with medical law in case of implementing necessary medical procedure without patient consent.
9. Learning the procedure of the transfusion of blood, its components and blood products.
10. Understanding clinical implications inducing body reaction, for example trauma, shock, sepsis and other severe infections, as well as understanding treatment methods, including antibiotic therapy, fluid therapy, treatment of acute kidney damage, correction of metabolic, electrolyte and nutrition disorders.
11. Learning the rules of keeping medical records in intensive care unit.