

Exam questions, anesthesiology and intensive care

1. General guidelines and of anesthesiology and intensive care
2. Severity scoring systems
3. Securing airways
4. Respiratory insufficiencies: definition, causes, types and basic guidelines of treatment
5. Monitoring ventilation
6. Oxygen therapy and artificial ventilation
7. Practical demonstration of oxygen therapy and mechanical ventilation.
8. Practical conduct of mechanical ventilation
9. Intensive treatment of the hemodynamically unstable critically ill
10. Possibilities of hemodynamic monitoring: CVP, pulmonary artery catheter, PiCCO, NICO, central venous oxygen saturation etc.
11. Life-threatening disturbances of fluid-electrolyte balance.
12. Guidelines of volume therapy
13. Indications and practice guidelines of clinical nutrition
14. The treatment of the acid-base disturbances
15. The diagnostic steps and treatment of acid-base disturbances
16. Sepsis and multiple organ failure
17. Intrahospital transport of the critically ill
18. Brain death
19. Donor conditioning
20. Intravenous anesthesia
21. Inhalational anesthesia
22. Anesthesiological risk.
23. Premedication
24. Regional anesthesia
25. Guidelines of acute and chronic pain relief
26. Cardiopulmonary resuscitation (ALS)