

## **EXAM questions: Intensive care Medicine, V. ročník**

1. CPR (cardiopulmonary resuscitation): basic life support algorithm, foreign body airway obstruction
2. CPR: defibrillation
3. CPR: Airway management
4. CPR: advanced life support
5. CPR: tachycardia algorithm
6. CPR: bradycardia algorithm
7. CPR: pharmacology in cardiac arrest , indication, dose, application (epinephrine, amiodarone, lidocaine, atropine. MgSO<sub>4</sub>, Ca , NaHCO<sub>3</sub>)
8. Hemodynamic monitoring in intensive care
9. Shocks
10. Sepsis
12. Respiratory failure, status asthmaticus
13. Cardiac failure, arrhythmias, acute myocardial infarction
14. Renal failure, renal replacement therapies
15. Nosocomial infections
16. ARDS
17. Brain oedema
18. Trauma in intensive care
19. Fluid management, crystalloids, colloids. The principles of circulation support (vassopressors).
20. Acute poisoning
21. Nutrition support in intensive care
22. Acid base and electrolyte disorders in critically ill patients
23. Altered consciousness, Status epilepticus, Analgosedation
24. Transfusion therapy, hematologic problems in intensive care. Acute bleeding disorders. DIC.
25. Anaphylactic shock
26. The role of splanchnicus in intensive care, GIT bleeding, stress ulcers prophylaxis