THE EUROPEAN BOARD OF CARDIOVASCULAR PERFUSION

1991

Preparation Outline for Written Examination

EBCP Certification Committee

The European Board of Cardiovascular Perfusion (EBCP) provides this outline as an aid to candidates preparing for the EBCP Written Examination. Question database is derived from a single literature source – Extracorporeal Circulation in Theory and Practice (Editor: Rudolf J. Tschaut).

1. History of Perfusion
2. Anatomy, Physiology and Interaction of Blood with Artificial Circuits
3. Anesthesia, Hemodynamics and Acid-Base Management
4. Interventions for Heart Disease
5. Fluid Mechanics and Hypothermia
6. Materials and Coating
7. Extracorporeal Circulation
8. Myocardial Protection
9. Potential Complications of Cardiopulmonary Bypass
10. Blood Conservation
11. Dialysis and Hemofiltration
12. Mechanical Circulatory Support and Pacemaker Use
13. Congenital Heart Failure and Treatment
14. Special Perfusion Techniques
15. Extracorporeal Life Support (ECLS) Techniques and management
16. Tissue Engineering
17. Accidents during Extracorporeal Circulation
18. Emerging Technology