

The Egyptian Board of Cardiovascular Perfusion

Protocol of the EBCP

MISSION STATEMENT

The Egyptian Board of Cardiovascular Perfusion will strive to develop and maintain quality standards in cardiovascular perfusion that promote safety and protection of the public. These standards will include the attainment and enhancement of knowledge, skills, and ethical professional conduct of Certified Clinical Perfusionists by supporting pre-service and in-service education.

PURPOSE

The primary purpose of the EBCP, and therefore its most essential function, is protection of the public through the establishment and maintenance of standards in the field of cardiovascular perfusion. To achieve this objective, the EBCP has to establish qualifications for examination and procedures for certification. Its requirements and procedures are reviewed and modified periodically as necessary.

The EBCP will report the status of a perfusionist as certified, not certified or has made application and has been accepted for examination.

CERTIFICATION

Description

It entails two-year study program through which the candidate receive practical and theoretical training on cardiopulmonary bypass, Intra-aortic balloon pump, ventricular assist devices....etc. The program is defined in three booklets; the curriculum, the protocol and the logbook. The candidate should perform at least 500 CPB (100 of which are paediatric) and 10 IABP, cell saver and ECMO before being eligible for final exam.

Certification in Clinical Perfusion is attained by satisfactory performance on the Egyptian Board of Cardiovascular Perfusion certification examination. The certification examination is composed of two parts. Part I, the *Perfusion Basic Science Examination (PBSE)*, designed to cover perfusion basic sciences and cardiopulmonary bypass. Part II, the *Clinical Applications in Perfusion Examination (CAPE)*, where a series of clinical scenarios are presented, each

with a series of questions.

The examination is based on topics in the Cardiovascular Perfusion knowledge base. The 11 major sections of the knowledge base are as follows:

1. Anatomy & Physiology
2. Pharmacology
3. Pathology
4. Laboratory Analysis
5. Quality Assurance
6. Devices & Equipment
7. Clinical Management
8. Special Patient Groups
9. Special Procedures/Special Techniques
10. Catastrophic Events & Device Failure
11. Monitoring

ELIGIBLE CANDIDATES

1-Graduates of Medical schools (veterinary not included)

2-Graduates of High nurse college

3-Graduates of equivalent qualifications to the upper two.

The applying candidate should be below 30 years of age and finished or exempted from military service. He should pass the preliminary English exam and interview test before being accepted.

MEMBERS OF THE BOARD

They are chosen according to the general rules of the Egyptian board of medical specialities. They must include at least two members from the higher council of the Egyptian Fellowship of cardiothoracic surgery and two cardiac anaesthesiologists.

Program Director: Ahmed Moustafa Omran, MD, MRCS,EFCTS

Consultant Cardiac surgery, National Heart Institute of Egypt

Email: amamo77@yahoo.com