THE EUROPEAN BOARD OF CARDIOVASCULAR PERFUSION

1991

CHAIRMAN: Prof. Dr Filip De Somer, ECCP

Guidelines for Practical and Oral Examination

The European Certificate in **Cardiovascular Perfusion (ECCP)**

EBCP Certification Committee

INSTRUCTIONS TO EXAMINERS

Guidelines for the Practical Examination

1. For the practical exam the Examiner (preferable only one) must be a perfusionist with a valid ECCP certificate and should not be from the same clinic as the candidate.

2. The EBCP scoring sheet (APPENDIX I) and - scale must be used according to the guidelines.

Guidelines for the Oral Examination

1. For the oral exam there must be two examiners.

2. When the exam is being held outside the candidate's clinic training programme, an appointed EBCP Observer must be present.

3. The Examination will last no less than **30 minutes**, not exceed **1 hour** and consists of **5 questions**.

4. The questions are formulated by the Examiners on observations made during the practical exam.

5. The candidate's answers will be evaluated for the following qualities:

    1. **Technical skills** (*ability to explain the theoretical background for the practical skills demonstrated during the case*)
    2. **Understanding and reflection** (*The candidate's understanding and reflection on choices made during the case: advantages/disadvantages)*
    3. **Professional confidence** (*Assurance of answers given*)
    4. **Responsibility** (*Ability to understand the perfusionist's role in teamwork*)
    5. **Requests from the examiners for clarification**

6. The EBCP scoring sheet (APPENDIX II) and scale must be used according to the guidelines.

Scoring Guidelines for the Practical and Oral Examination

1. The Examiner must use the following system of scoring for each area/question listed on the evaluation sheets: scale between 0 and 10/10

   < 4 The performance and knowledge of the candidate were below the minimum acceptable level.

   = 4 The candidate attained the minimum standard with assistance from supervisor/examiner.

   = 5 The candidate attained the minimum standard accepted.

   = 6 The candidate realized a good performance/knowledge.

   = 7 - 8 The candidate exceeded clinical standards and realized a very good performance/ knowledge.

   = 9 - 10 The candidate exceeded clinical standards and realized an excellent performance/ knowledge.

Note: ½ point scores may be used, i.e. 5,5; 6,5 as determined appropriate. The Examiner is required to comment on a score of 5,0 or less in the section provided for **"Comments".**
The examiner can also put positive comments when score > 5,0.

2. For those activities not performed as a part of the practical exam, such as deep hypothermic circulatory arrest or cerebral perfusion, no score shall be entered and the mean score shall be adjusted accordingly.

Successful EBCP Examination completion

1. Successful completion of the EBCP Examination entails the successful results of the Practical, Oral, and Written Examination.
   Those candidates who failed the Written Examination in November must resit the Written Examination in November of the following year.

2. The successful passing of the combined EBCP Examination will require score equal to or above 5,0 for a Total Final Examination Score.

3. A failed score encountered in the Practical and/or Oral Examination will require the candidate to resit the examination within **6 months**.

4. The resit exam should be performed by another examiner team as to rule out subjective opinions.

FINAL COMBINED SCORING

Final Mean Practical Examination Score
Final Mean Oral Examination Score
Final Practical and Oral Examination Score /10

EBCP Examiner/Observer Verification

I verify that the Examination for Certification in Cardiovascular Perfusion held in (Location): _____ on the (Date): _____ was administered in my presence. The examination protocol provided by the European Board of Cardiovascular Perfusion was administered and completed fairly. I acknowledge that no interference or disruption of the examination occurred and that the awarded examination scores represent an acceptable evaluation of the perfusionist's performance.

Signature of EBCP Examiner/Observer:_____Date:_____

Please return the entire examination. If you require any additional information, please contact:

Mr. Normunds Sikora
Secretary EBCP Certification Committee
nsikora@ebcp.eu

APPENDIX I

The European Board of Cardiovascular Perfusion

Practical Examination for
EUROPEAN CERTIFICATE IN CARDIOVASCULAR PERFUSION (ECCP)

Name of Examination Candidate: _____ Date: _____

Signature of Examination Candidate: _____

Name of Examiner (Printed): _____

Signature of Examiner: _____Title of Examiner: _____

Observed Operation: _____Surgeon: _____

Sub-skill	*Score*	*Comments*
Patient Evaluation		
1) Review of patient chart		
2) Check lab/Cath. lab results		
Equipment Selection		
3) Hardware		
4) Disposable		
5) Ancillary		
Set Up and priming		
6) Sterility		
7) Speed		
8) Adherence in-house protocol		
9) Check list		
Management during Procedure		
10) Initiation of bypass		
11) Awareness of patient parameters		
12) Response to changes in patient parameters		
13) Special technics		
- Hemofiltration/MUF/dialysis		
- Myocardial Protection		
- Cerebral perfusion		
- DHCA		
14) Response to changing technical parameters		
15) Contingency Planning		
16) Termination of procedure		
17) Record keeping		
Post Procedure		
18) Awareness		
19) Disassembly		
20) Prepare for next case		
21) Equipment failure and urgent conditions management		
Personal		
22) Demonstrates communicative skills		
23) Demonstrates team skills		
Final Practical Mean Score: **(total of scores) / (number of scored activities)**		Any activities receiving grades lower than 5,0 must be commented upon. The Final Mean Practical Score is to be entered on Final Scoring.

APPENDIX II

Oral Examination evaluation sheet for
EUROPEAN CERTIFICATION IN CARDIOVASCULAR PERFUSION

EXAMINER 1

Name of Examination Candidate: _____ Date: _____

Signature of Candidate: _____

Name of Examiner 1 (Printed): _____

Signature of Examiner 1: _____

Performance area	Q1	Q2	Q3	Q4	Q5	Mean score	Comments (Every score under 5,0 must accompanied by a comment)
1. Technical skills							
2. Understanding and reflection							
3. Professional confidence							
4. Responsibility							
5. Response to requests of clarification							
			Final mean score :				

Oral Examination evaluation sheet for
EUROPEAN CERTIFICATION IN CARDIOVASCULAR PERFUSION

EXAMINER 2

Name of Examination Candidate: _____ Date: _____

Signature of Candidate: _____

Name of Examiner 2 (Printed): _____

Signature of Examiner 2:_____

Performance area	Q1	Q2	Q3	Q4	Q5	Mean score	Comments (Every score under 5,0 must accompanied by a comment)
1. Technical skills							
2. Understanding and reflection							
3. Professional confidence							
4. Responsibility							
5. Response to requests of clarification							
			Final mean score :				