



EBIR Marks and Standards

A) MARKS

Assessment Components	
Multiple Choice Examination	60 marks (50%)
Oral examination	100 marks (50%)
10 Stations: 1 case each	10 marks per case (5%)

Assessment Formats:

1. Multiple Choice Examination

- The multiple choice examination (MCQ) is a written assessment, comprising 60 questions.
- Each question is allocated equal marks.
- Each question is in “single best answer format” (each question poses 4 alternate answers of which the candidate must choose the best one)
- The examination is of 2 hours duration.

The assessment content covers the entirety of the [European Curriculum and Syllabus of Interventional Radiology](#). Each assessment is mapped to an assessment blueprint derived from the curriculum and syllabus.

2. Oral Assessment

- The oral assessment will comprise 10 examination stations.
- Each examination station will comprise 1 case, i.e. 10 cases in total.
- Each examination will be examined by a senior interventional radiologist.
- The examination may be observed by a secondary examiner in training.
- Each case will involve interpretation of radiology images and discussion of the case, in the presence of the examiner.
- The examination will take 10 minutes per station, i.e. the examination is of 100 minutes duration in total.

The assessment content includes all curricular items as per the [European Curriculum and Syllabus of Interventional Radiology](#). An appropriate distribution of topics provides for the examination of the whole spectrum of the curriculum and syllabus.

B) STANDARDS

The candidate will receive either a “pass” or “fail” result. There are no distinctions awarded.

To receive a “pass result”, the candidate must:

- achieve a **total percentage** grade of over 50% and
- pass both oral and written examination **independently**

As the **total percentage** grade is composed of the results of the written and the oral examination, performing in one of the parts <50% will lead to a “fail” result even though the total percentage may exceed 50%. (Please see the examples below)

There is **no compensation** between the MCQ and the oral examination.

Example PASS:

Cand. No	Candidate Name	%Result Oral Examination	%Result MCQ	%Total	Overall Judgement
		(WHERE 50%=PASS)	(WHERE 50%=PASS)	(Average result of Oral and MCQ)	
1234	Candidate 1	73	57	65	Pass

Examples FAIL:

Cand. No	Candidate Name	%Result Oral Examination	%Result MCQ	%Total	Overall Judgement
		(WHERE 50%=PASS)	(WHERE 50%=PASS)	(Average result of Oral and MCQ)	
5678	Candidate 2	42	34	38	Fail

Cand. No	Candidate Name	%Result Oral Examination	%Result MCQ	%Total	Overall Judgement
		(WHERE 50%=PASS)	(WHERE 50%=PASS)	(Average result of Oral and MCQ)	
9101	Candidate 3	86	44	65	Fail

Pass-mark: MCQ examination

The pass-mark for the MCQ will vary for each sitting of the assessment, as per Angoff standard-setting.

The pass-mark of the MCQ examination will be calculated using approved standard-setting methodology. The Angoff method is utilised to calculate the pass-mark. This is a criterion-based standard-setting practice, which requires a minimum of six expert raters to individually judge each item based on relevance and difficulty.

Pass-mark: Oral examination

The pass-mark for the oral examination will vary for each sitting of the assessment, it will be calculated using approved standard-setting methodology.



The pass-mark for the oral examination is calculated by borderline regression. The marksheet consists of a checklist and a global impression. These parameters are graphed against each other and a linear regression through the borderline point is used to determine the pass-mark for the station.

Certification

Candidates who pass the assessment will receive a formal certificate, which will be sent by regular mail. Successful candidates may add EBIR (European Board of Interventional Radiology) to their post-nominal qualifications. Candidates will receive their result by email, within eight weeks of the assessment.

Repeat Assessment

A candidate who has not achieved a passing grade may repeat the examination on a maximum of 3 subsequent occasions, i.e. a total number of 4 attempts within three years of the assessment will be permitted. With the EBIR examination currently taking place twice a year, this means 6 chances to sit the examination. There will not be separate sittings for candidates repeating the assessment. In order to repeat the assessment, the candidate must complete the application process in the same manner as for the first attempt at the examination. The breakdown of marks for repeat assessment is identical to the first sitting of the assessment.

Feedback on request

Unsuccessful candidates may request feedback 2 weeks after receipt of results and the request must be put forward in writing.

Access to the examination will be offered in the form of a telephone conference. The duration of this call is a maximum of 30 minutes. The cost of the access to examination is 350€.

A short written summary of the conversation will be provided to the participants of the conference call. A report of the review meeting and the recorded feedback given will be completed by the EBIR Council member present.

Appeals

Unsuccessful Candidates may submit an appeal request within 2 weeks after receipt of results. The request must be submitted in writing and be based on EITHER:

- 1) The Candidate experiencing extenuating circumstances on the day of the assessment, and being able to provide evidence of same

OR

- 2) The examination was not conducted according to appropriate policy and procedure, and being able to provide evidence of same

An Appeal Board will receive the request and decide whether the evidence for the case is valid and will EITHER:

- 1) Provide a written answer declining the appeal on the basis of lacking, poor or insufficient evidence. This decision of the Appeal Board will be communicated to the Candidate by notification via email.

OR

- 2) Provide a written answer informing the Candidate that his or her appeal was successful. This decision of the Appeal Board will be communicated to the Candidate by notification via email.

OR

- 3) Notify the Candidate via email, that the basis of the Candidate's appeal will be heard by phone conference. The resulting decision of the Appeal Board will be communicated to the Candidate by written notification via email.



If the appeal is rejected, the Candidate may re-apply to do the examination. Applying for a repeat exam, the Candidate must resubmit all required documents and complete the payment as before. A transfer of the previous examination fee is not possible.

If the appeal is successful, the Candidate will be offered another opportunity to do the examination at the next available sitting which is convenient for him/her, free of charge.

The decision of the Appeal Board is final and binding upon the Candidates.