

Assessment Criteria and Marking Scheme for the Competency Assessment in MD Restorative Dentistry

PGIM MD in Restorative Dentistry Programme

Competency Assessment:

Procedure - Cast surveying and designing of removable partial dentures

Main Steps/Areas of evaluation

1. Patient assessment and gathering of information (15%)
2. Surveying of Upper and Lower casts (25%)
3. Designing of upper and lower partial dentures (40%)
4. Final discussion (20%)

A candidate is expected to score a minimum of 50% (with a minimum mark of 40% for each of the four steps)

PGIM MD in Restorative Dentistry Programme

Competency Assessment:

Procedure - Impression taking with a custom tray for an edentulous patient

Main Steps/Areas of evaluation

1. Custom tray (20%)
2. Border moulding with modelling compound (40%)
3. Final Impressions (40%)

A candidate is expected to score a minimum of 50% (with a minimum mark of 40% for each of the three steps)

PGIM MD in Restorative Dentistry Programme

Competency Assessment

Procedure: Endodontic treatment of a molar tooth

Allocated time duration: 2 hours

Main steps/ Areas of evaluation

- 1) Patient and tooth selection (10 marks)
- 2) Placement of rubber dam (15 marks)
- 3) Access cavity preparation (25 marks)
- 4) Working length assessment and canal preparation (25 marks)
- 5) Final obturation (25 marks)

A candidate is expected to score a minimum of 50% (with a minimum mark of 40% for each of the five steps)

PGIM MD in Restorative Dentistry Programme

Competency Assessment

Procedure: Preparation, impression taking and temporisation of a Porcelain Fused to Metal (PFM) complete crown on an anterior tooth

Allocated time duration: 2 hours

Main steps/ Areas of evaluation

- 1) Assessment of patient and tooth (10 marks)
- 2) Tooth preparation - stage I (30 marks)
- 3) Tooth preparation – stage II (30 marks)
- 4) Impression taking (10 marks)
- 5) Provisional crown (20 marks)

A candidate is expected to score a minimum of 50% (with a minimum mark of 40% for each of the five steps)

PGIM MD in Restorative Dentistry Programme Competency Assessment

Procedure: Pulpotomy or a Pulpectomy of primary molar tooth

Main Steps / Areas of evaluation

Allocated time duration: 2 hours

- 1) Justification for the Pulpotomy or Pulpectomy of primary molar tooth in a given patient (Case Selection/Suitability for the procedure) 10%
- 2) Overall management of the patient with arrangement of required instruments and material prior to the procedure 15%
- 3) Initiation of the pulpotomy/ pulpectomy procedure (total removal caries , use of appropriate burs) 15%
- 4) Completion of Pulpotomy / Pulpectomy Procedure (Steps involve in pulpotomy/ pulpectomy – Gain access to the pulp chamber, total removal of coronal pulp/ both coronal and radicular pulp, treat the pulp/ root canal with suitable medicament) 40%
- 5) Completion of Crown restoration(GIC/ Composite/stainless steel crowns) 20%

A candidate is expected to score a minimum of 50% (with a minimum mark of 40% for each of the five steps)

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Competency Assessment:

Procedure - Periodontal Flap Surgery (Premolar/Molar region)

Main Steps/Areas of evaluation

- 1) Justification for a Flap Surgery in the given patient/teeth concerned (20%)

- 2) Use of required equipment, instruments, material throughout the entire procedure (20%)

- 3) Flap management (use of appropriate incisions, extensions, flap reflection and handling) (20%)

- 4) Debridement and defect-handling (20%)

- 5) Flap Closure (suturing, dressing, haemostasis, post-operative instructions) (20%)

A candidate is expected to score a minimum of 50% (with a minimum mark of 40% for each of the five steps)

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Senate – 10.08.2016
Council – 14.09.2016*