



**DENTAL BOARD OF CALIFORNIA PORTFOLIO EXAMINATION
ENDODONTICS COMPETENCY EXAM**

Candidate ID# _____	Patient's Chart #: _____
Candidate Name: _____	Tooth #: _____
<p><u>Factor 1: Pretreatment clinical testing and radiographic imaging –</u></p> <p>Score []</p> <p>[4] - Clinical tests and radiographic imaging completed and recorded accurately; radiographic images are of diagnostic quality.</p> <p>[3] – Clinical tests and radiographic imaging completed and recorded accurately with minor discrepancies.</p> <p>[2] – Some clinical tests and radiographic images are lacking <u>but</u> diagnosis can be determined.</p> <p>[1] – Some clinical tests and radiographic images are lacking <u>and</u> diagnosis is questionable.</p> <p>[0] – Critical errors -</p> <ul style="list-style-type: none"> • Clinical tests and radiographic images are lacking and diagnosis CANNOT be determined. • Radiographic images are missing or are NOT of diagnostic quality <p>Comments:</p> <p>_____ Examiner Signature</p> <p>_____ Examiner Printed Name</p> <p>_____ Date</p>	<p><u>Factor 2: Endodontic diagnosis –</u></p> <p>Score []</p> <p>[4] – Establishes correct pulpal and periapical diagnosis with accurate interpretation of clinical tests and radiographic images.</p> <p>[3] – Establishes correct pulpal and periapical diagnosis with accurate interpretation, <u>but</u> missing <u>one</u> clinical test and/or radiographic image.</p> <p>[2] – Establishes correct pulpal and periapical diagnosis with adequate interpretation, <u>but</u> missing <u>multiple</u> clinical tests and/or radiographic images that do NOT impact diagnosis.</p> <p>[1] - Establishes inaccurate pulpal or periapical diagnosis, <u>and</u> missing <u>multiple</u> clinical tests and radiographic images that impact diagnosis.</p> <p>[0] – Critical errors –</p> <ul style="list-style-type: none"> • Demonstrates lack of understanding of endodontic diagnosis. • No clinical tests were done. <p>Comments:</p> <p>_____ Examiner Signature</p> <p>_____ Examiner Printed Name</p> <p>_____ Date</p>



DENTAL BOARD OF CALIFORNIA PORTFOLIO EXAMINATION
ENDODONTICS COMPETENCY EXAM

Factor 3: Endodontic treatment plan –

Score []

[4] – Prognosis of treatment outcomes determined; Comprehensive evaluation of medical and dental history; Selects appropriate treatments based on clinical evidence; Understands complexities of the case such that all treatment risks identified; Informed consent obtained including alternative treatments.

[3] – Prognosis of treatment outcomes determined and adequate evaluation of medical and dental history; Selects appropriate treatment(s); Significant treatment risks identified; Informed consent obtained.

[2] – Prognosis of treatment outcomes determined and minimal evaluation of one of the following:

- Medical or dental history
- Appropriate treatment(s) selected
- Most treatment risks identified
- Informed consent obtained

[1] – Prognosis of treatment outcomes unclear; Inadequate evaluation of medical and dental history despite appropriate treatment selected; Key treatment risks NOT identified.

Factor 3: Endodontic treatment plan – continued

[0] – Critical errors –

- Demonstrates lack of evaluation of relevant medical and dental history.
- Inappropriate treatment planning.
- No treatment risks identified.
- No informed consent obtained.
- Demonstrates inappropriate case selection.
- Prognosis of treatment outcomes NOT determined.

Comments:

Examiner Signature

Examiner Printed Name

Date



**DENTAL BOARD OF CALIFORNIA PORTFOLIO EXAMINATION
ENDODONTICS COMPETENCY EXAM**

Factor 4: Anesthesia and pain control –

Score []

[4] – Thorough knowledge of technique and materials used; Monitors vital signs and patient response throughout anesthesia; Anesthesia administration effective.

[3] – Thorough knowledge of technique; Profound anesthesia achieved; Monitors patient response throughout anesthesia.

[2] – Can proceed with treatment without faculty assistance; Adequate anesthesia achieved.

[1] – Elements of anesthesia or pain control absent but patient care NOT compromised.

[0] – Critical errors –

- Incorrect anesthetic technique.
- Inadequate pain control and patient care compromised.
- Required faculty assistance.

Comments:

Examiner Signature

Examiner Printed Name

Date

Factor 5: Caries removal, removal of failing restorations, evaluation of restorability and site isolation –

Score []

[4] – Compete removal of visible caries; Removal of failing restoration; Establishes complete structural restorability; Achieves complete isolation with dental dam.

[3] – No visible caries and failing restorations removed; Establishes significant aspects of structural restorability and achieves effective isolation with dental dam.

[2] – No visible caries present; Establishes likely restorability and achieves adequate isolation with dental dam.

[1] – Caries removal compromised that potentially impacts procedure; Compromised coronal seal.

[0] – Critical errors –

- Gross visible caries
- Failing restoration present
- Non-restorable excluding medical indications
- Ineffective isolation

Comments:

Examiner Signature

Examiner Printed Name

Date



**DENTAL BOARD OF CALIFORNIA PORTFOLIO EXAMINATION
ENDODONTICS COMPETENCY EXAM**

Factor 6: Access opening – Score []

[4] – Optimum outline and access form with no obstructions; All canals identified; Roof and pulp horns removed.

[3] – Slight under-extension of outline form but walls smooth but all canals identified and roof and pulp horns removed.

[2] – Moderate under- or over-extension of outline form; Minor irregularities for wall smoothness but all canals identified and roof and pulp horns removed.

[1] – Crown integrity compromised by over-extension but tooth remains restorable; All canals identified but minor roof and pulp horns remain.

[0] – Critical errors –

- Tooth is NOT restorable after access procedure or perforation.
- Structural compromise.
- Canal(s) missed or unidentified.

Comments:

Examiner Signature

Examiner Printed Name

Date

Factor 7: Canal preparation technique –

Score []

[4] – Optimum canal length determination and preparation within 0.5-1.0 mm of radiographic apex; Maintenance of original canal position and integrity.

[3] – Adequate canal length determination and preparation within 1.5 mm short of radiographic apex; Mild deviations of original canal shape.

[2] – Acceptable canal length determination and preparation within 2.0 mm short of working length; Moderate deviations of original canal shape.

[1] – Canal length and preparation shorter than original working length; Canal length >2.0 mm short or 1.0 mm long of radiographic apex; Severe deviations of original canal shape but treatable; Separated instrument that does NOT prevent canal preparation.

[0] – Critical errors –

- Working length determination >2.0 mm short or long of radiographic apex.
- Sodium hypochlorite accident.
- Canal perforated or NOT treatable.
- Separated instrument preventing canal preparation.

Comments:

Examiner Signature

Examiner Printed Name

Date



DENTAL BOARD OF CALIFORNIA PORTFOLIO EXAMINATION
ENDODONTICS COMPETENCY EXAM

Factor 8: Master cone fit – Score []

[4] – Optimum cone fit and length verification within 0.5-1.0 mm of radiographic apex; Maintenance of canal position and integrity as demonstrated in cone fit.

[3] – Adequate cone fit and length verified within 1.5 mm short of radiographic apex; Mild deviations of original canal shape.

[2] – Acceptable cone fit and length verified within 2.0 mm short of radiographic apex; Moderate deviations of original canal shape; Achieves tugback before lateral obturation.

[1] – Cone length determination >2.0 mm short or long from radiographic apex; Cone fit >2.0 mm short or >1.0 mm long of radiographic apex.

[0] – Critical errors –

- Master cone too small.
- Master cone too large.
- Master cone fit >2.0 mm short or long of radiographic apex.

Comments:

Examiner Signature

Examiner Printed Name

Date

Factor 9: Obturation technique – Score []

[4] – Achieves dense fill within 0.5 - 1.0 mm short of radiographic apex; None or minor over-extension of sealer; No solid core material over-extended.

[3] – Achieves dense fill within the apical two-thirds and less than 1.5 mm short of radiographic apex; Less than 1.0 mm of sealer extruded.

[2] – Achieves dense fill in apical third without voids; Solid core material 1.5 - 2.0 mm short or 1.0 mm long of radiographic apex; 1.0 - 2.0 mm of sealer extruded.

[1] – Apical third has slight to moderate voids; Solid core material 2.0 - 3.0 mm short or 1.0 - 2.0 mm long; More than 2.0 mm of sealer extruded.

[0] – Critical errors –

- Solid core material greater than 3 mm short or greater than 2 mm long of radiographic apex. and/or
- Significant voids throughout fill.

Comments:

Examiner Signature

Examiner Printed Name

Date



**DENTAL BOARD OF CALIFORNIA PORTFOLIO EXAMINATION
ENDODONTICS COMPETENCY EXAM**

Factor 10: Completion of case – Score []

[4] – Optimum coronal seal placed prior to permanent restoration; Optimum evidence of documentation (e.g., radiographs, clinical notes, assessment of outcomes); Evidence of comprehensive and inclusive post-operative instructions.

[3] – Effective coronal seal placed prior to permanent restoration; Thorough evidence of documentation (e.g., radiographs, clinical notes, assessment of outcomes) and evidence of post-operative instructions.

[2] – Acceptable durable coronal seal placed; Acceptable documentation (e.g., radiographs, clinical notes, assessment of outcomes) and evidence of post-operative instructions.

[1] – Acceptable coronal seal placed with limited longevity; Evidence of incomplete documentation; Evidence of incomplete post-operative instructions.

[0] – Critical errors –

- Poor coronal seal.
- Prognosis likely impacted by iatrogenic treatment factors.
- Improper or no documentation.
- No evidence of post-operative instructions.

Comments:

Examiner Signature

Examiner Printed Name

Date