



POSTERIOR BOX COMPOSITE PREPARATION

Candidate Sequential

ADEX 2017

Examiner Number

Tooth #: _____

M	D
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Time Started:

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CRITICAL ERRORS

Wrong Tooth/Surface Treated	No	Yes
Unrecognized Exposure	No	Yes

ACC= Minimally Acceptable SUB= Marginally Substandard DEF= Critically Deficient

EXTERNAL OUTLINE FORM

Proximal Clearance

ACC	Proximal clearance at the height of contour is closed or open ≤ 1.0 mm beyond either one or both proximal walls.
SUB	Proximal clearance at the height of contour extends > 1.0 mm but ≤ 2.5 mm beyond either one or both proximal walls.
DEF	Proximal clearance at the height of contour extends > 2.5 mm beyond either one or both proximal walls.

Gingival Clearance

ACC	The gingival clearance is ≤ 1.0 mm.
SUB	A. The gingival clearance is > 1.0 mm but ≤ 2.0 mm.
DEF	A. The gingival clearance is > 2.0 mm. B. The gingival contact is not visually open.

Outline Shape/Continuity/Extension

ACC	Outline form may be irregular and sharp.
SUB	The outline form is inappropriately over-extended, compromising the cusp(s), or it extends onto the occlusal surface ≤ 2.0 mm without changing to a conventional composite.
DEF	The outline form is grossly over-extended, compromising and undermining the remaining cusp(s) to the extent that the cavosurface margin is unsupported by dentin.

Cavosurface Margin

ACC	The external cavosurface margin meets the enamel at 90° ; The gingival floor is flat, smooth, and perpendicular to the long axis of the tooth.
SUB	The proximal cavosurface margin deviates from 90° and is likely to jeopardize the longevity of the tooth or restoration. This includes unsupported enamel and/or excessive bevel(s).

Sound Marginal Tooth Structure

ACC	The cavosurface margin terminates in sound tooth structure. There is no previous restorative material, excluding sealants, at the cavosurface margin.
SUB	A. The cavosurface margin does not terminate in sound natural tooth structure. B. There is explorer-penetrable decalcification remaining on the cavosurface margin that does not penetrate to the DEJ.
DEF	There is explorer-penetrable decalcified enamel that penetrates to the DEJ.

Posterior Box Composite Preparation - continued	
INTERNAL FORM	
Axial Walls	
ACC	The depth of the axial wall extends beyond the DEJ ≤ 1.5 mm.
SUB	A. The axial wall extends beyond the DEJ > 1.5 mm but ≤ 2.5 mm.
DEF	A. The axial wall extends beyond the DEJ > 2.5 mm. B. The axial wall is entirely in enamel.
Caries/Remaining Material	
ACC	All caries and/or previous restorative material are removed.
DEF	A. Caries remain in the preparation. B. Previous restorative material remains in the preparation. C. Assigned carious lesions have not been accessed.
Retention	
ACC	Retention, when used, is well defined, in dentin, and does not undermine enamel.
SUB	Retention, when used, undermines the enamel.
Proximal Box Walls	
ACC	The proximal walls are parallel or convergent occlusally but may be slightly divergent and are not likely to jeopardize the longevity of the tooth or restoration.
SUB	The proximal walls are too divergent.
TREATMENT MANAGEMENT	
Adjacent Tooth Damage	
ACC	Any damage to adjacent tooth/teeth can be removed with polishing without adversely altering the shape of the contour and/or contact.
DEF	There is gross damage to adjacent tooth/teeth which requires a restoration.
Soft Tissue Damage	
ACC	The soft tissue is free from damage or there is tissue damage that is consistent with the procedure.
DEF	There is gross iatrogenic damage to the soft tissue inconsistent with the procedure and the pre-existing condition of the soft tissue.

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