POSTERIOR CONVENTIONAL COMPOSITE PREPARATION

Candidate Sequential

ADEX 2017

Examiner Number

Tooth #: _____

Time Started: ____ : ____

MO DO MOD

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 contact is either closed or visibly open, and, at the height of contour, proximal clearance may extend ≤ 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 visually open but ≤ 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	The outline form may be sharp and irregular.
SUB	A. The outline form is inappropriately over-extended, compromising the remaining marginal ridge and/or cusp(s).
DEF	A. The outline form is grossly over-extended, compromising and undermining the remaining marginal ridge to the extent that the cavosurface margin is unsupported by dentin. B. The width of the marginal ridge is ≤ 0.5 mm.
Isthmus	
ACC	The isthmus may be 1.0 mm - 2.0 mm in width but ≤ 1/3 the intercuspal width.
SUB	The isthmus is > 1/3 the intercuspal width but ≤ 1/2 the intercuspal width.
DEF	The isthmus is > 1/2 the intercuspal width.
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 would include 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 Conventional 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.
Pulpal Floor	
ACC	The pulpal floor depth is 0.5 mm to ≤ 3.0 mm in all areas; there may be remaining enamel.
SUB	A. The pulpal floor depth is > 3.0 mm but ≤ 4.0 mm from the cavosurface margin.
DEF	A. The pulpal floor is > 4.0 mm from the cavosurface margin. B. The pulpal floor depth is < 0.5 mm.
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 pre-existing condition of the soft tissue.

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Time Completed: ☐☐ : ☐☐