

PREPARATION: *POSTERIOR AMALGAM*

ADEX 2019

Tooth #: _____

| | | |
|----|----|-----|
| MO | DO | MOD |
|----|----|-----|

CRITICAL ERRORS

| | | |
|-----------------------------|----|-----|
| Wrong tooth/surface treated | No | Yes |
| Unrecognized exposure | No | Yes |

ACC= Adheres to Criteria SUB= Marginally Substandard DEF= Critically Deficient

EXTERNAL OUTLINE FORM

Proximal Clearance

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|-----|---|
| ACC | Contact is visibly open proximally, and proximal clearance at the height of contour extends ≤ 1.5 mm on either one or both proximal walls. |
| SUB | A. Proximal clearance at the height of contour is > 1.5 mm but ≤ 3.0 mm on either one or both proximal walls. |
| DEF | A. Proximal clearance at the height of contour is > 3.0 mm on either one or both proximal walls. B. The walls of the proximal box are not visually open. |

Gingival Clearance

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|-----|---|
| ACC | The gingival clearance is visually open but ≤ 2.0 mm. |
| SUB | A. The gingival clearance is > 2.0 mm but ≤ 3.0 mm. |
| DEF | A. The gingival clearance is > 3.0 mm. B. Gingival contact is not visually open. |

Outline Shape/Continuity/Extension

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|-----|---|
| ACC | The outline form includes all carious and non-coalesced fissures, and is smooth, rounded, and flowing. |
| SUB | The outline form is inappropriately over-extended so that it compromises the remaining marginal ridge and/or cusp(s). |
| DEF | The outline form is over-extended so that it compromises, undermines, and leaves unsupported the remaining marginal ridge to the extent that the pulpal-occlusal wall is unsupported by dentin, or the width of the marginal ridge is < 1.0 mm. |

Isthmus

| | |
|-----|--|
| ACC | The isthmus may be between 1.0 mm - 2.0 mm in width but is $\leq 1/3$ the intercuspal width. |
| SUB | A. The isthmus is $> 1/3$ but $\leq 1/2$ the intercuspal width. |
| DEF | A. The isthmus is $> 1/2$ the intercuspal width. B. The isthmus is < 1.0 mm. |

Cavosurface Margin

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| ACC | The proximal cavosurface margin deviates from 90° but is unlikely to jeopardize the longevity of the tooth or restoration; this would include small areas of unsupported enamel. |
| 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 natural tooth structure. There is no previous restorative material, including sealants, at the cavosurface margin. There is no degree of decalcification on the gingival margin. |
| SUB | A. There is explorer-penetrable decalcification remaining on the cavosurface margin that does not penetrate to the DEJ. B. The cavosurface margin does not terminate in sound natural tooth structure. |
| DEF | A. There is explorer-penetrable decalcified enamel that penetrates to the DEJ. |

| 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 extends beyond the DEJ ≤ 1.5 mm. |
| SUB | A. The pulpal floor extends beyond the DEJ > 1.5 mm but ≤ 2.5 mm. |
| DEF | A. The pulpal floor extends beyond the DEJ > 2.5 mm. B. The pulpal floor 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 or may compromise the tooth or restoration. |
| DEF | Retention, when used, grossly compromises the tooth or restoration. |
| Proximal Box Walls | |
| ACC | The walls of the proximal box are parallel, but appropriate internal retention is present. |
| SUB | The walls of the proximal box diverge occlusally which is likely to jeopardize the longevity of the tooth or restoration. |
| DEF | The walls of the proximal box diverge occlusally which offers no retention and will jeopardize the longevity of the tooth or restoration. |
| 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. |