

PROSTHODONTIC CROWN PREPARATION CAST METAL - Tooth #3

26.1

ADEX 2026

Criteria applicable January 1 through July 31

CRITICAL ERRORS		
Wrong tooth/surface treated	NO	YES
Procedure not challenged	NO	YES

NOTE: Those SUBs that are highlighted are part of the 3-SUB Rule

ACC = Adheres to Criteria SUB = Marginally Substandard DEF = Critical Deficiency

CERVICAL MARGIN AND DRAW	
Margin/Extension	
ACC	The cervical margin is at the level of or ≤ 1.5 mm occlusal to the simulated free gingival margin.
SUB	A. The cervical margin is over-extended > 0.5 mm below crest of the simulated free gingival margin.
DEF	A. The cervical margin is over-extended > 0.5 mm below the crest of the simulated free gingival margin and causes visual damage to the typodont. B. The cervical margin is under-extended > 1.5 mm above the simulated free gingival margin.
Margin/Definition/Bevel	
ACC	The cervical margin is continuous but may be slightly rough and/or may lack some definition. The cervical bevel, when used, is ≤ 1.5 mm and/or may lack some definition.
SUB	A. The cervical bevel, when used, is > 1.5 mm but ≤ 2.0 mm. B. The cervical bevel, when used, has very poor definition.
DEF	A. The cervical bevel, when used, is > 2.0 mm in length. B. The cervical margin has no continuity and/or definition. C. The cervical margin is cupped or J-shaped.
Margin/Width	
ACC	The margin varies slightly in width from visually and explorer detectable to ≤ 1.0 mm.
SUB	The margin width is > 1.0 mm but ≤ 2.0 mm.
DEF	A. The margin width is > 2.0 mm. B. The margin is not detectable and/or is feathered.
Line of Draw	
ACC	The path of insertion/line of draw deviates $< 20^\circ$ from the long axis of the tooth.
SUB	The path of insertion/line of draw deviates 20° to $< 30^\circ$ from the long axis of the tooth.
DEF	The path of insertion/line of draw deviates $\geq 30^\circ$ from the long axis of the tooth.
WALLS, TAPER, AND MARGIN	
Axial Tissue Removal	
ACC	The axial tissue removal is > 0.5 mm but ≤ 2.0 mm.
SUB	A. The axial tissue removal is > 2.0 mm but ≤ 2.5 mm.
DEF	A. The axial tissue removal is > 2.5 mm. B. The axial tissue removal is < 0.5 mm.
Axial Walls Smoothness/Undercut	
ACC	The walls may be slightly rough and may lack some definition.
DEF	There is an undercut, which, when blocked out, would compromise margin width criteria and/or is > 0.5 mm deep.
Taper	
ACC	Taper is present, from nearly parallel to $\leq 12^\circ$.
SUB	There is excessive taper that is $> 12^\circ$ or $\leq 16^\circ$.
DEF	The taper is grossly over-reduced $> 16^\circ$ per wall.

WALLS, TAPER, AND MARGIN (...cont'd)**Occlusal Reduction**

ACC	Occlusal reduction is ≥ 1.0 mm but ≤ 2.0 mm.
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SUB	A. Occlusal reduction is > 2.0 mm but ≤ 2.5 mm.
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DEF	A. Occlusal reduction is > 2.5 mm. B. Occlusal reduction is < 1.0 mm.
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Internal Line Angles

ACC	Internal line angles and cusp tip areas may not be completely rounded and may show a slight tendency of being sharp.
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DEF	Internal line angles or cusp tip areas are excessively sharp with no evidence of rounding.
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BRIDGE FACTOR**Path of Insertion/Line of Draw**

ACC	The line of draw or path of insertion is direct or may require altering the path of insertion from a direct vertical axis to allow full seating.
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DEF	No line of draw or path of insertion exists through any plane of rotation without the removal of additional tooth structure in the apical $\frac{2}{3}$ of either/both of the preparations.
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TREATMENT MANAGEMENT**Condition of Adjacent/Opposing Teeth**

ACC	Any damage to adjacent tooth/teeth can be removed with polishing without adversely altering the shape of the contour and/or contact.
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SUB	A. Damage to adjacent tooth/teeth requires recontouring that changes the shape and/or position of the contact. B. Opposing hard tissue shows minimal evidence of damage and/or alteration inconsistent with the procedure.
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DEF	A. There is gross damage to adjacent tooth/teeth, requiring a restoration. B. There is evidence of gross damage and/or alteration to opposing hard tissue inconsistent with the procedure.
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Condition of Surrounding Tissue

ACC	There may be slight damage to simulated gingiva and/or typodont consistent with the procedure.
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SUB	There is iatrogenic damage to the simulated gingiva and/or typodont inconsistent with the procedure.
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DEF	There is gross iatrogenic damage to the simulated gingiva and/or typodont inconsistent with the procedure.
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