

## Restorative Laboratory Class II Restoration Evaluation DH 225

Date: \_\_\_\_\_ Student: \_\_\_\_\_

Tooth # / Surfaces: \_\_\_\_\_ Amal / Comp \_\_\_\_\_ Instructor: \_\_\_\_\_

Points Earned: \_\_\_\_\_ Total Percent: \_\_\_\_\_ WREB Score \_\_\_\_\_

**Directions:** Student evaluates the restoration first then the instructor grades and gives feedback.

**Restorations with Critical Errors will not be graded** and must be repeated. Critical errors are errors that would render a restoration clinical unacceptable and would constitute a failing score at WREB. **Critical Errors include but are not limited to the following:** open contacts, contacts that break floss or are unflossable, grossly broken marginal ridges, cavosurface marginal voids or flash greater than 1mm, marginal ridges higher or lower than 1mm, uncured resin, surface glaze, anatomy that would grossly alter function (over carved, under carved)

Marginal Integrity / Surface Finish	Clinically Ideal	Slight Variations	Clinically Unacceptable	Student Assessment
<b>1. Cavosurface Margins: Occlusal Flash</b>	Margins are nearly undetectable <b>1</b>	Slight excess (flash) in multiple areas (<.5mm) <b>.5</b>	Gross excess (flash) (>.5mm) <b>0</b>	
<b>2. Cavosurface Margins: Occlusal Voids</b>	Margins are nearly undetectable and cavosurface margins are not exposed <b>1</b>	Slight deficiency (void) at the cavosurface margins in multiple areas (<.5mm) <b>.5</b>	Margins have gross deficiencies (voids) (>.5mm) <b>0</b>	
<b>3. Cavosurface Margins: Interproximal Flash</b>	Margins are nearly undetectable <b>1</b>	Slight excess (flash), in multiple areas (<.5 mm) <b>.5</b>	Margins have gross excess (flash) (>.5 mm) <b>0</b>	
<b>4. Cavosurface Margins: Interproximal Voids</b>	Margins nearly undetectable <b>1</b>	Slight deficiencies (voids) in multiple areas (<.5mm) <b>.5</b>	Gross deficiencies (>.5mm) <b>0</b>	
<b>5. Scarring of Tooth Structure</b>	No damage of tooth structure <b>1</b>	Slight scarring, multiple areas <b>.5</b>	Moderate scarring, multiple areas <b>0</b>	
<b>6. Surface Finish</b>	Smooth, homogenous finish free of scratches, pits, irregularities <b>1</b>	Slightly rough or bumpy; slight scratches, pits, irregularities <b>.5</b>	Rough or bumpy; scratches, pits, irregularities <b>0</b>	
<b>Occlusal Anatomy</b>				
<b>7. Marginal Ridge: Height</b>	Replicates proper height <b>1</b>	Slightly too high or too low (< 1mm) <b>.5</b>	Gross variation in height (> 1mm) <b>0</b>	
<b>8. Marginal Ridge: Contour</b>	Correct contour <b>1</b>	Slight variation in contour: bulky, narrow, not rounded, or incorrect slope, uneven, <b>.5</b>	Gross variation in contour, uncorrectable with minimal polishing <b>0</b>	
<b>9. Occlusal Embrasures</b>	Replicates proper anatomy <b>1</b>	Slightly too closed, or too open, over or under carved <b>.5</b>	Grossly open or closed, over carved, or under carved <b>0</b>	
<b>10. Triangular Ridges: Location</b>	Correct location <b>1</b>	Slight variance to proper location: <b>.5</b>	Grossly incorrect location: Oblique ridge or transverse ridges missing or improperly placed, <b>0</b>	
<b>11. Triangular Ridges: Form (Width and Slope)</b>	Replicates proper anatomy, restoring harmonious form <b>1</b>	Slight variance in form: bulky, narrow, not rounded uniformly .Too flat, too steep <b>.5</b>	Grossly incorrect form, overcarved, undercarved not correctable with minimal polish <b>0</b>	

<b>12. Fossae:</b> Location an number	Correct location, and number 1	Slight variance in proper location .5	Grossly incorrect location or missing 0
<b>13. Fossae:</b> Depth and Development and shape	Depth, development and shape are accurate 1	Slight variance: too deep, too shallow, too closed or too open , incorrect shape .5	Grossly too deep, too shallow, grossly misshaped or absent 0
<b>14. Grooves:</b> Location	Grooves are accurately located 1	Slight variance to correct location , central groove slightly too buccal or lingual .5	Grossly incorrect or missing 0
<b>15. Grooves:</b> Depth and Development	Depth and development is accurate (well defined) 1	Slight variance o depth, slightly too deep, slightly shallow supplementals need more definition .5	Grossly too deep too shallow or absent Supplementals not present 0
<b>Proximal &amp; Contact</b>			
<b>16. Interproximal Embrasure</b>	Reproduces normal convex contour 1	Slightly over or under carved .5	Grossly over or under carved, misshapen 0
<b>17. Contact:</b> Present / proper firmness, sufficiently closed	Contact present, firm but not overly tight 1	Contact is visually closed but light or slightly too tight, shreds floss .5	Visually open, no contact or grossly tight, does not floss or breaks floss 0
<b>18. Contact:</b> Size and Location	Correct location and size 1	Incorrect location: too high or low Incorrect size: too narrow or too wide .5	Grossly incorrect location or size 0

**Total Points**

18 = 100%  
17.5 = 97%  
17 = 94%  
16.5 = 92%  
16 = 89%  
15.5 = 86%  
15 = 83%  
14.5 = 81%  
14 = 78%  
13.5 = 75%  
13 = 72%  
12.5 = 69%  
12 = 67%