

DH Restorative
Mock Board Results Summary
 DH 245 Mock 1

Appendix 1

PCC Student #	MOCK WREB CANDIDATE #	Student NAME	Amalgam					Composite										Students' Final Score						
			SURFACE SCORES			CATEGORIES WHERE ERRORS WERE MADE					SURFACE SCORES			CATEGORIES WHERE ERRORS WERE MADE										
			Occlusal	Margins	Proximal	Occlusal				Proximal	Occlusal	Margins	Proximal	Occlusal						Marginal	Proximal			
						O2.1	O2.2	O2.4	O2.7					P2.3	O2.1	O2.2	O2.3					O2.4	O2.5	O2.7
1	205		3	3	3						2	2	2	X	X					X	X	X	65	63
2	209		3	3	4						3	3	3										77.3	79
3	210		3	3	3						2	3	3	X					X	X			72	71
4	215		3	3	3						3	3	3										75	75
5	204		3	3	3						2	3	3	X									72	71
6	211		3	3	3						2	3	3	X	X								72	71
7	207		3	3	3						3	3	3										75	75
8	202		2	3	3	X			X		3	3	3										72	71
9	214		3	3	3						2	3	3	X	X		X						72	71
11	206		2	3	3	X	X	X			2	3	3	X		X		X					69	67
12	208		3	3	4						3	3	4										79.6	83
13	212		2	3	3	X	X	X			2	3	3		X		X	X					69	67
14	201		3	3	3						3	3	3										75	75
15	218		2	3	2	X		X		X	3	3	3										68.5	67
16	216		3	3	3						2	3	3	X	X	X							72	71
18	217		2	3	3	X					3	3	3										72	71
19	213		3	3	3						3	3	3										75	75
20	203		3	3	3						3	4	3										77.3	79
DATA STATISTICS																								
Average Scores			2.72	3.00	3.05						2.55	3.00	3.00									72.76		
TOTAL ERRORS PER CATEGORY						O2.1	O2.2	O2.4	O2.7	P2.3				O2.1	O2.2	O2.3	O2.4	O2.5	O2.7	M2.2	P2.1			
						5	2	3	1	1				7	5	2	2	3	2	1	1	35		
% of Errors Made						14.3%	5.7%	8.6%	2.8%	2.8%				20%	14.3%	5.7%	5.7%	8.6%	5.7%	2.8%	2.8%	100%		

Passed **ABOVE MINIMUM** expectations >75%
 Passed **AT MINIMUM** passing Score of 75% (WREB Standard)
BELOW MINIMUM <75% - Failed Attempt- Must be Repeated, Remediation needed

Analysis of the Data:

- 22% of students passed (4/18) with a minimum score of 75%
- 17% of the students (3/18) passed with just slightly higher than minimum score of 79%
- 61% of the class failed (11/18)
- Students were stronger in placing Amalgam restorations (36% of all errors) v. Composite (66% of all errors)
- Nearly 50% of all errors made (17/35 = 48.6%) were in 3 categories:
 - Amalgam O2.1 – *Anatomy inadequately carved and/or over/under carved*
 - Composite O2.1 – *Anatomy inadequately carved and/or over/under carved*
 - Composite O2.2 – *Marginal ridge contour/height improper*
- 40% of all errors made (14/35) were spread across 6 categories
 - Amalgam O2.2 – *Marginal ridge contour/height improper*
 - Amalgam O2.4 - *Any ridges, oblique and/or transverse, improperly placed*
 - Composite O2.3 - *Pits and fossae improperly placed (would alter occlusion or cause food impaction)*
 - Composite O2.4 - *Any ridges, oblique and/or transverse, improperly placed*
 - Composite O2.5 - *Critical surface irregularities or defects (pitting or voids)*
 - Composite O2.7 - *Hyperocclusion; contact marks appear only on restoration*
- 11.2% of all errors (4/36 – 11.2%) were in 4 categories:
 - Amalgam O2.7 - *Hyperocclusion; contact marks appear only on restoration*
 - Amalgam P2.3 - *Improper contact (visibly open with light resistance)*
 - Composite M2.2 - *1mm excess – would compromise periodontal health*
 - Composite P2.1 - *Critical variation of proximal contour, shape, and/or position of contact area*
- Of the students who had errors:
 - The average point deduction was 1.45
 - 7 students had only -1point
 - 3 students had -2 points
 - 1 student had -3 points
- Of the students who passed:
 - 57% passed at minimum of 75%
 - 43% passed above minimum of 75%
- **Discussion:**
 - This exam occurred in Spring term. Students learned to perform on Typodonts the previous Summer term, then performed placing restorations on humans beginning Fall term. They did not use Typodonts again until the following Spring term when they attempted this Mock Board exam to help them get ready for the official Board Exam. Discussion is still continuing to consider having student perform a Mock Board in Fall, Winter and Spring term to allow students to continue practice on Typodonts to be better prepared for the official Restorative Board Exam.
 - Reviewing dental anatomy on occlusal and marginal surfaces should be done more frequently within the Restorative courses to better prepare students for this exam. Discussion is continuing as to when, and in which courses, to implement these activities.
 - Possible points on this exam was 100. No student received a score of 5 and only 3 of the 18 (17%) received **one** (1) score of “4” **out of 20 possible occurrences**. The remaining scores were @ the minimum passing rate of 3. Some students received a below minimum score of “2” but it was not the median score (See Appendix 2).