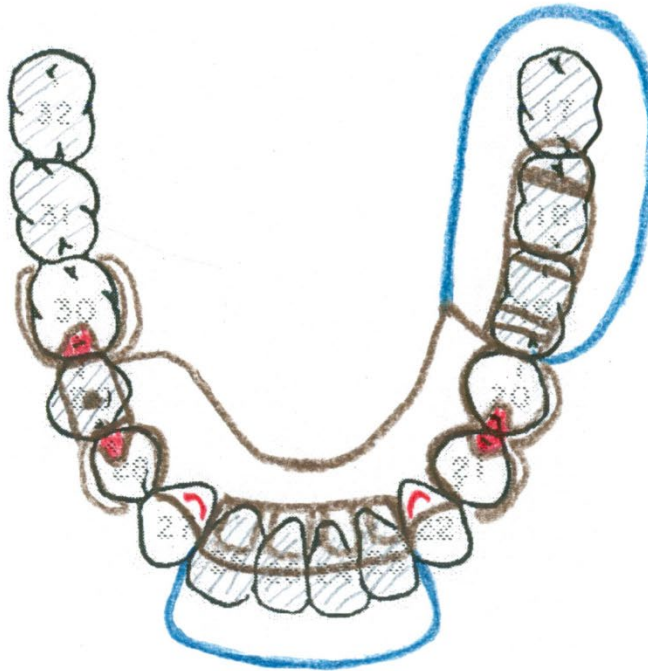


**REST 719 INSTRUCTIONS FOR:  
RPD MD Mouth Preparations Timed Skill Assessment Exercise**

- *Prepare ivory cast with the appropriate teeth (20, 21, 22, 27, 28, 30) as you did for the previous preparation exercises-cast surface neatly trimmed down to or just past CEJ, residual ridges smoothed. Be sure to prepare cast for mounting in phantom head. You will receive one set of ivory teeth.*
- *Duplicate the ivory cast to fabricate the design cast.*
- *Survey and tripod duplicated design cast and transfer RPD design from following page onto design cast.*
- *Have your ivory cast and duplicated design cast (with design drawn along with areas needing adjustment in red) ready for inspection **before** the exercise starts. An instructor will place an identification mark on both casts. This must be done before the ivory cast is placed in phantom head.*
- *While you are doing the preparations, you may remove the cast to evaluate your progress by placing on surveyor. **HOWEVER**, all preparations must be done while cast is mounted in the head, **NOT** on benchtop.*
- *When you are finished with the preparations, orient the ivory cast on survey table according to the preparations and guide planes you created. Survey the ivory teeth with graphite so lines are clearly visible. Tripod the cast using **both crosses and base lines**.*
- *Make sure your **TEST ID NUMBER** is clearly written in bold black ink on the **side** of the cast. A fresh criteria sheet will be provided for you. An example of the criteria form is attached so you will know what is to be evaluated. Write your TEST ID NUMBER on it and complete self-evaluation in blue.*
- *Attach your folded criteria sheet to your surveyed, tripoded ivory cast with a rubber band.*
- ***Do NOT turn in your design cast.***
- ***The exercise will start promptly at 1:15. All cases must be turned in by 2:45.***
- *When you finish and turn in your case for grading, exit the simlab. Return promptly at 2:45 for the independent design case review.*

# MD IVORINE RPD MOUTH PREPARATION TIMED SKILL ASSESSMENT



Comments:

## Guide plane locations

tooth	surfaces
20	D
22	ML
27	ML
28	D

tooth	surfaces
30	M, L

## Survey line modifications

tooth	surfaces
20	L, MB
21	L, DB
28	L, DB

tooth	surfaces

## Rest preparation locations

tooth	surfaces
20	MO
21	DO
22	L
27	L
28	DO

tooth	surfaces
30	MO

## Opposing tooth modifications

tooth	surfaces

tooth	surfaces

## Retainers

tooth	retentive point	clasp type	undercut
20	DB	cast circ	0.010"
21	MB	cast circ	0.010"
28	MB	cast circ	0.010"
30	DB	cast circ	0.010"

## Planned Operative/Fixed Prosth Procedures

tooth	restoration

## Other planned treatment


Kennedy class

Axis of rotation

K II, 2	20-30, 18-27
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**TIMED SKILL ASSESSMENT EXERCISE MD IVORINE MOUTH PREPARATION REST 719 DATE: \_\_\_\_\_ ID # \_\_\_\_\_**

Student Self-Assessment: Circle appropriate box with **BLUE** pencil. Faculty Assessment: Circle in **RED** and fill the points column

STEPS		EXCELLENT (3)	ACCEPTABLE (2)	STANDARD NOT MET (0)	Points
<b>Tripoding and surveying</b>		Present and correct	Minor deviations	Grossly wrong; not done	
<b>Posterior guiding planes</b>	<b>#20 D (next to DE)</b>	Parallel; 1.5-2 mm tall; curved from occlusal view; no ledges	Slight deviation from parallelism; height or contour	Not parallel; excessively tall/short; flat from occlusal view; badly ledged	
	<b>#28 D</b>	Parallel; 2-4 mm tall; curved from occlusal view; no ledges	Slight deviation from parallelism; height or contour	Not parallel; excessively tall/short; flat from occlusal view; badly ledged	
	<b>#30 M</b>	Parallel; 2-4 mm tall; curved from occlusal view; no ledges	Slight deviation from parallelism; height or contour	Not parallel; excessively tall/short; flat from occlusal view; badly ledged	
	<b>#30 L</b>	Parallel; placed in middle third of the lingual surface	Slight deviation from parallelism; misplaced slightly	Not parallel; badly positioned, not present	
<b>Anterior guiding planes</b>	<b>#22 ML</b>	Parallel; ribbon shaped; placed mesio-lingually	Slight deviation from parallelism and shape; slightly too facial	Not parallel; excessive; encroaching on a facial surface; badly ledged	
	<b>#27 ML</b>	Parallel; ribbon shaped; placed mesio-lingually	Slight deviation from parallelism and shape; slightly too facial	Not parallel; excessive; encroaching on a facial surface; badly ledged	
<b>#30</b>	<b>MO rest</b>	Proper depth; no undercut; walls divergent; positive; B and L flare present	Slightly deep/shallow; barely positive; not ideal flares; walls too parallel	Grossly deep; undercut, no B or L flare; not positive at all	
	<b>MB survey line</b>	Low enough to accommodate shoulder of the clasp	Slightly too high	Too high – no room for shoulder of the clasp	
<b>#28</b>	<b>DO rest</b>	Proper depth; no undercut; walls divergent; positive; B and L flare present	Slightly deep/shallow; barely positive; not ideal flares; walls too parallel	Grossly deep; undercut, no B or L flare; not positive at all	
	<b>DB survey line</b>	Low enough to accommodate shoulder of the clasp	Slightly too high	Too high – no room for shoulder of the clasp	
	<b>L survey line</b>	Low enough to accommodate placement of lingual plate	Slightly too high	Too high – no room to place the lingual plate	
<b>#22 Alternate cingulum rest</b>		Good placement; proper depth; correct shape; positive; not undercut	Slight deviation from ideal placement; depth ; not very positive	Poor placement; very deep; not positive; undercut; wrong shape	
<b>#27 Alternate cingulum rest</b>		Good placement; proper depth; correct shape; positive; not undercut	Slight deviation from ideal placement; depth ; not very positive	Poor placement; very deep; not positive; undercut; wrong shape	
<b>#20 &amp; 21 Embrasure clasp assembly</b>	<b>#20 MO &amp; #21 DO Rests</b>	Proper depth; no undercut; positive; walls divergent; B and L flare present	Slightly deep/shallow; barely positive; not ideal flares; walls too parallel	Grossly deep; undercut; no B or L flare; not positive at all	
	<b>Buccal survey lines for clasp shoulders</b>	Low enough to accommodate shoulder of the clasps	Slightly too high	Too high – no room for shoulder of the clasps	
	<b>Pass through</b>	Proper depth (1mm) and width (2mm); smooth edges	Deviation from ideal depth/width; sharper edges	Grossly too wide; too deep; grossly too small/shallow	
	<b>Approach space</b>	Amount of space appropriate for minor connector	Slightly excessive or space slightly too small	Grossly overcut; ledged	
	<b>Lingual survey lines</b>	Low enough to accommodate placement of lingual plate	Slightly too high	Too high – no room to place the lingual plate	
<b>Finish of preparations</b>		Smooth; even	Slight roughness; unevenness	Grossly rough; ledged	
Comments:				<b>TOTAL POINTS:</b>	<b>___/60</b>