Spring 2004

Corrected

RPD Quiz #3

First initial of last name:

9

Student Name

15 Minutes

anto 90

Instructions: Please print all written answers. If the row instructor cannot read your answer, they cannot be graded. There is only one word for each blank space.

Grading:

All questions are worth 10 points

90-100 = A

80-88 = B

78-70 = C

68 and below = F



1. An indirect retainer is defined as:

The component of a RPD that assists the direct retainer(s) in preventing displacement of the distal extension denture base away from the tissues

The component of a RPD that assists the bracing arm in stabilization and prevents horizontal displacement of the distal extension

A metal component of the RPD located anterior to the fulcrum line a and c b and c

- 2. Which of the following statements are CORRECT regarding movement of the RPD:
 - (a) Movement of the RPD does not depend on the location of the abutment teeth
 - (b) Occurs around fulcrum and cross-sectional surfaces of the metal framework
 - (c) Occurs only if abutment teeth are inclined
 - Is resisted by indirect retainers
- 3. Select the CORRECT comparative differences between cobalt-chromium and nickel-chromium alloys. (Select only one answer)
 - (a) Nickel-chromium is a high heat alloy and cobalt-chromium is low heat
 - (b) Cobalt-chromium is a course grain alloy and nickel-chromium is fine grain
 - (c) Nickel-chromium requires an oxyacetylene torch and cobalt-chromium requires induction casting
 - (d) Nickel-chromium requires phosphate-bonded investment and cobalt-chromium requires gypsum-bonded investment

Not Connected

4		The borders of the anterior portion of an anterior-posterior strap major connector should follow the valleys of the rugae rather than being placed on the crest of the
		rugae in order to:
		Avoid irritation to the tongue
		Limit the entrapment of food under the model of the major connects and the contract of the major connects and the contract of the major connects and the contract of the contr
		(c) Increase flexibility of the major connector without all the
	-	(a) and (b)
		(e) (a), (b), and (c)
		List two counteractive mechanisms found in the RPD when a patient is chewing sticky foods.
	5.	List two counteractive mechanisms round
		(Partial gredit will be given) a. indirect retainers, b. retentive arms
		a. Marie La recenter and the most cold
		Mr. Jones has lost his lower denture. During his visit Dr. Toothacker, the next day, he was told
	6.	
		he was missing tooth numbers 28-32 and needed a new rd D. Date of the property
		clinical situation, what is the Kennedy classification?
		Class I vi
		Class II (b) Class III (c) Class III (d) Class III
		(c) Class III
		Class IV
	7.	Based on question #6, how many indirect retainers would be required for the metal framework?
		(a) 1 or 2 A 11 bublis Sinett
		3 or 4 /
		(c) 4 or 5
. 0		(d) No indirect retainers are required
Bab	T.	List five laboratory steps required when fabricating a RPD metal framework. (Partial credit will
V	8.	List five laboratory steps required when laboreating and but the laboreating and but the laboratory steps required when laboreating and but the laboratory steps required when laboreating and but the laboratory steps required when laboreating and but the laboreating and
		be given) Design Transfer, Backout, Relief, Beading, Investment
		Design Transfer, Doctor, Terre
		When fabricating a RPD framework, blockout procedures are performed to:
	9.	When fabricating a RPD framework, blockout procedures are performed and performed and the Eliminate undercuts on the master cast that will be crossed by rigid components of the
		Facilitate placement of wax pattern for clasp arms
		Prevent withdrawal of the cast from duplicating material
		a, b and c
		a and b
	1	0. Select the impression material used to fabricate the refractory cast for a RPD framework.
	1	(a) Vinyl polysiloxane
		(b) Inteversible hydrocolloid
		(C) Agar > t GPB T
		Alginate Alginate
		-2-

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Name		Lab Seat	+1:40:/
AND DESCRIPTION OF THE PARTY OF	plete Denture Section		
Quiz #3			
		0 minutes	THE STATE OF THE S
Please ansv	ver the following questions to	the best of your ability. All	essay e graded
The state of the s	ust be LEGIBLE. If they can .' All guestions are worth 10 p		
1.20 3.20 3.10			CITOGLOSOIS TO TOTAL
	That is the occlusal plane? What		
	e occlusal plane? Describe a me		
	lentulous patients. A horizo		
mpers con	ighly hairway betwee	n the total depth	of the maxillary
The BU	I mandifulación conti	by les in confusion	
Not DANCE	Landmark = ret this Method = Mork an anatomic wax set-up, what h	romolar pad (p	lone should be 12
Voy/	Method = NOCK	height.) d of the	e retramplar and on
' / 2. I	an anatomic wax set-up, what h	appens when posterior teeth	are set too far the master
, b	uccal to the residual ridge? Wha	t happens if they are set too f	ar lingual to COST and
(() "	ne residual ridge?	and to denture	extend a horizonto
	Too buccal - Su compromised; dentu	r orane to tipping.	the cast.
	Compionised, della	milt. It deature C	ompromisent dentur
	100 India - 510	billing of common e	
3. I	Define retention, stability, and sup	oport for the edentulous patie	nt.
	Retention- ability forces away from	residual (idae)	and all the second
(O_i)	Classical 1011	residuous riege	resist barrandolliu
	Stability-Voubility directed forces	y of menture 10	1 displacement)
	directed forces	Rolation, later	and westign on
	Support - ability directed forces	of denture to le	sisi varioully
	directed forces	(Tipping).	
4.	What is the purpose of a clinical	remount in complete denture	fabrication?
	To remount th	e desture on the	o of a local ac
101	- Ternaum !!	c do done on the	a mayadar
	according to the	patient's occi	usion with the
	acrording to the new densure in	olace.)	Aluwax used
	^		A routin and used
	finished		for centric occlusion
			I C COI O

16 33

What is the significance of the posterior palatal seal? What is the depth and lateral extent of the bead in this area? To compensate for polymerization shrinkage of the acrylic resin and minor displacement of the denture In Vienctional habits. Depth= 1 mm Lateral extent = hamilar notch What method and speech sound is most useful in determining the vertical dimension of ocolusion. Method = centric occlusal record in Aluwax. pecch sound = "p", "b" Of the five factors in the Hanau's Quint, which factors are under the greatest donurol of the uentist? Incisal guidance, compensating 'curve, cusp height. Once the proper incisal pin position is determined and set, why must the incisal pin maintain contact throughout denture fabrication? or To maintain the VDD and to prevent) wear of the residual ridges on the stone cas't from sertical forces of oberlusion of overlying/denture.) Why is centric relation used when making complete dentures? Becompte the slope of the articular eminence and the Benney angle (medial wall of condigior fossa) affect the Cusp height of the denture teeth and the occilusar pattern Describe ALT. of the problems created when the vertical dimension of 10 occlusion is closed excessively in relation to the vertical dimension of rest. Of the patient. Problems due to excessive VM: - Resorption of residual ridge cusp fracture - TMJ pain Bruxism - Angular Chestis

EXTRA CREDIT: 10 points will be given IF BOTH questions are answered correctly. No partial credit given. The 10 points can ONLY increase NOT decrease your grade for this quiz only. Do not use more than 3 sentences for each question.

What is the clinical significance for border molding of a distal extension RPD?

Gives Eyan knawledge of border, tissues and the structures which wences its convenent for impression of this asserts in being able to be advantage of the total area arms table for the RPD.

12.00 When setting teeth on the occlusal wax rim, the central fossa of a denture molar tooth 12.00 When setting teeth on the crest of the ridge as compared to the other teeth in the edentulous area. What steps should be performed to correct the situation?

First, find out if the molar is too far burned or if the orthur about a far burned and the orthur almost the particular and far a contract and are the orthur and will kelp with this. Then, Remains the feeth.

Continuation of IT!!

This intern is necessary for the RPS to be able to miths tand vertical and horizantal for the feeth.

John which is the mol vertical and horizantal for the feeth.

2005

10=0R

RPD Quiz #3 First Initial of last Name 20 MINUTES Student Name Row/Seat Number Instructions: Please print all written answers. No partial credit given. If the row instructor cannot read your answer, they cannot be graded. There is only one word for each blank space. Grading: All questions are worth 10 points 90-100 = A80-88 = B78-70 = C68 and below = F Which of the following factors determines the amount of retention that a clasp is capable of generating? Degree of the angle of cervical convergence (a) How far into the angle of cervical convergence the clasp terminal is placed (b) Flexibility of the clasp arm (c) All of the above are correct Mr. Jones has lost his lower denture. During his visit with Dr. Toothacker, the next day, he was told that all of his remaining teeth were caries-free and periodontally sound. However, he was missing tooth numbers 22-28 and needed a new RPD. Based on this clinical situation, what is the Kennedy classification? (a) Class I (b) Class II (c) Class III (d) Class IV Based on question #2, how many direct retainers would be required for the metal framework? (a) 1 (b) 2 (d) No direct retainers are required Denture resin packing is defined as: When resin is placed on the Framework and cured List two objectives of a functional impression. a. Provide max surface . b. Distribute the workload Occlusal analysis is defined as: relating the position mandibular arch to the maxillaru

	STATE OF THE PARTY	ce in the following manner: Press on the edentulous area to stabilize the tray	一十二百四四二年
	(a)	No specific position is required when seeting the impression	
	(b)	No specific position is required when seating the impression Press on the metal rests of the framework	PSIPH
	(c)	Allow the patient to hold the impression	V. W. 19. V.
	(d)	Allow the patient to hold the impression	
his p no lo	atient the	er has just completed a functional impression for his patient Mrs. Jo at she would have her Class I lower partial in 24 hours. Unfortunated business. Dr. Toothacher has therefore decided to do the work him wer questions 8-10:	ly, his laboratory
8.	T jet t	wo laboratory techniques that Dr. Toothacker can use to pour-up the	functional
٥.		ession.	- 05.37EBV
	(a)	Beadin + Boxin unx	- Not the state of the state of
	(b)	Beading + Boxing wax North Mudina Technique	
9.	To se (a) (b) (c) (d)	tetion the edentulous area(s), what measurements should Dr. Toothac 1 mm from the lingual slope of the residual ridge and 5 mm from t 2 mm from the lingual slope of the residual ridge and 10 mm from Sectioning of the cast is not required for a Kennedy Class I or Classituation None of the above	he distal abutmen the distal abutme
10.	occlu	the impression has been poured, Dr. Toothacker notices a small amountains and surfaces of the teeth. Select the most appropriate response(s) that problem. The framework was luted to the master cast Excess impression material was removed from the non-edentulous. The cast was properly sealed with wax and verified with slurry was	areas no effect
	(d)	a and c NOT	
	(e))	None of the above	
			14 W. L.
par	tial cred	REDIT: 10 points will be given IF BOTH questions are answered lit given. The 10 points can ONLY increase NOT decrease your sot use more than 3 sentences for each question. PLEASE PRINT	grade for this qu
11.	Wha	t is the clinical significance for border molding of a distal extension or coord the fundament morthents so Fecord the DE in the Correct Ich the so that excess pressure is not of	urrounding
12.		me intaglio surface: the underside of a meunix that touches FOFT TIS	sue resid

RPD Quiz #3 First Initial of last Name RPD Ouiz#1 Student Name Row/Seat Number Instructions: Please print all written answers. No partial credit given. If the row instructor cannot read your answer, they cannot be graded. There is only one word for each blank space. All questions are worth 10 points 90-100 = A80-88 = B78-70 = C68 and below = F The rationale for providing a mesio-occlusal rest seat on a terminal abutment adjacent to a distal extension area rather than using a disto-occlusal rest seat is to: Place the rest seat closer to the adjacent tooth and enhance denture (a) retention during vertical movement away from the residual ridge Enhance horizontal movement of denture base with less soft tissue impingement adjacent to distal abutment Allow vertical movement of denture base with less soft tissue impingement adjacent to distal abutment All of the above are correct (d) Mr. Jones has lost his lower denture. During his visit with Dr. Toothacker, the next day, he was 2. told that all of his remaining teeth were caries-free and periodontally sound. However, he was missing tooth numbers 22-28 and needed a new RPD. Based on this clinical situation, what is the Kennedy classification? (a) Class I (b) Class II (c) Class III (d))Class IV Based on question #2, how many direct retainers would be required for the metal framework? 3. (a) 1 (b) 2 (c) 4 (d) No direct retainers are required A remount procedure is defined as: Noing another centric celation -1-

5.	List four objectives of a functional impression.
	a. maximum sufacearea, b. Support and Stability c. destributes personal, d. demines in he mia of de ature wenty balts personal de demines areas when denture
6.	Occlusal analysis is defined as: evanu nation doce lesion
· ·	when interactural relations are more atech
7.	Which one of the following statements is FALSE?
(2	Melting temperatures of base metal RPD alloys are significantly lower than those
	Chromium-containing RPD alloys are about 30% harder than Type IV gold.
	The modulus of elasticity (stiffness) of cast base metal alloys is about twice that of cast gold alloys.
	d) Chromium-type casting alloys are lighter than their gold alloy counterparts.
	Allergic responses to the constituents of base metal alloys, especially nickel, are observed occasionally.
his	Toothacher has just completed a functional impression for his patient Mrs. Jones. He promised patient that she would have her Class I lower partial in 24 hours. Unfortunately, his laboratory is
no l	onger in business. Dr. Toothacher has therefore decided to do the work himself. Based on this
scei	nario, answer questions 8-10:
8.	List two laboratory techniques that Dr. Toothacker can use to pour-up the functional impression.
	(a) bead and box with wex (b) North Carettena technique
	(b) North Carottena Technique
9.	To section the edentulous area(s), what measurements should Dr. Toothacker use?
	(a) 1 mm from the lingual slope of the residual ridge and 5 mm from the distal abutment (b) 2 mm from the lingual slope of the residual ridge and 10 mm from the distal abutment
	(c) Sectioning of the cast is not required for a Kennedy Class I or Class III clinical
	situation (d) None of the above
10	After the impression has been poured, Dr. Toothacker notices a small amount of stone on the occlusal surfaces of the teeth. Select the most appropriate response(s) that could have caused
	this problem.
	 (a) The framework was luted to the master cast X (b) Excess impression material was removed from the non-edentulous areas
	(c) The cast was properly sealed with wax and verified with slurry water
	(d) a and c
	(e) None of the above



First initial of last name:
RPD Quiz #3
Student Name Row/Seat Nu.
<u>Instructions:</u> Please print all written answers. <u>No partial credit given</u> . If the instructor cannot read your answer, they cannot be graded.
Grading: All questions are worth 10 points 90-100 = A 80-88 = B 78-70 = C 68 and below = F Name two investment materials used in casting base metal alloys for removable partial dentures.
a). PHOSPHATE b). SILICATE
Mr. Jones has lost his lower denture. During his clinical examination with Dr. Toothacker, the following results were revealed: High lingual frenum attachment, amalgam restorations required for tooth numbers 27 and 28, with tooth #s 17-20 and 30-32 were missing Based on this clinical situation, what is the Kennedy classification? (a) Class I (b) Class II (c) Class III (d) Class IV
Based on question #2, how many direct retainers would be required for the metal framework? (a) 1 (b) 2 (c) 4 (d) No direct retainers are required
4. What type of major connector should be selected? Explain why. A LINGUAL PLATE THIS WILL PROVIDE GOOD FILEDITY A HAVE ENOUGH DOOM FOR THE LINGUAL THENDY, IT WILL ALSO ALLOW FOR PLACE MENT OF ANT. PONTICS IF MORE TECTH ARE LOST (12 27,28 SAIL AND NEED TO BE FOLIO) -1-

5.	A remount procedure is defined as: USING A CENTRIC RELATION RECORD
	AND FACEBON MEASUREMENTS TO ACCURATELY MOUNT MAN,
	MAND CASTS IN CENTRE PELATION, THIS WILL PROVIDE PEOPLE
	AELATIONS WHEN SETTING TEETH IN COL
6.	What is the rationale for making a functional impression? (Be specific)
	A FUNCTIONAL IMPRESSION IS A SECONDARY IMPRESSION USED
	TO OBTAIN ACCURATE MOPPEGBIONS OF BOTH HARD & SOFT TISSUE
	IN FUNCTIONAL POSITIONS IT ALLOWS THE BENTOKE TO BE MADE
	SO MAX TASTRIBUTION OF FORCE IS OBTAINED AND THE IS NOT
7. ´	What measurements should be made when sectioning the cast for a functional SOFT TISSUE
	impression?
-	MEASURE DISTAL ABUTUENT 1 mm
J	BMM FROM MOST LINGUAL PART OF RESIDUAL RICE BONE WISH,
-	
8.	What is the difference between arbitrary blockout and relief of the master cast?
	Arbitrary blockout ARBITRARY BLOCKOUT 15 USED TO BUCK OUT
	UNDER CUTS OF SOFT TYSSUE ON CAST
/	
	Relief of the master cast THIS IS USED TO PREVENT THE
	METAL FROM IMPINGING ON SOFT TISSUE AND
	PRESENDE ESP. IN ANTERIOR AREA & TORI.
9.	A clasp assembly is defined as: BRACING ARM, RETENTIVE ARE OCCUSAL REST, 180° CIRCUMFERENCE
	OCCUSAL REST, 180° CIRCUMFERENCE
10.	List three advantages for using acrylic resin denture teeth.
_	a. EASY to ADJUST
	b. MATERIAL ACTUALLY POLYMERIZES TO RIGIN USED TO SET TEETH
	C. GOOD SHADE BELLY ABILITY

RPD Quiz #3



	20 MINUTES
Stude	ent Name
Row	Seat Number
	ctions: Please print all written answers. No partial credit given. If the row instructor cannot read your answer, annot be graded. There is only one word for each blank space.
Gradi	
All qu 90-10	estions are worth 10 points
80-88	
78-70	= C
68 an	d below = F
J.K	Which of the following factors determines the amount of retention that a clasp is capable of generating? (a) Degree of the angle of cervical convergence (b) How far into the angle of cervical convergence the clasp terminal is placed (c) Flexibility of the clasp arm
	All of the above are correct
2.	Mr. Jones has lost his lower denture. During his visit with Dr. Toothacker, the next day, he was told that all of his remaining teeth were caries-free and periodontally sound. However, he was missing tooth numbers 28-30 and needed a new RPD. Based on this clinical situation, what is the Kennedy classification? (a) Class I (b) Class II (c) Class III (d) Class IV
3.	Based on question #2, how many direct retainers would be required for the metal framework? (a) 1 (b) 2 4 (d) No direct retainers are required
4.	Support from the residual ridge is dependent upon several factors (List at least two): Support comes from the type of tissue, ideally it would be firm and nondisplace able and quality of the bone. Cortical bone endosing cancellous is preferred.
5.	According to McCracken, the objective for making a functional impression is to: To every
	natural dentition and tissue. Also to distribute force over a maximum
6.	Occlusal analysis is defined as: Determining the routient's
	existing occlusion and stabilizing prior to
	existing occlusion and stabilizing prior to sitting and adjusting -1-tre RPD.

- When making a functional impression, the framework should be seated in the mouth and held 7. in place in the following manner:
 - Press on the edentulous area to stabilize the tray
 - No specific position is required when seating the impression (b)
 - Press on the metal rests of the framework
 - Allow the patient to hold the impression

Dr. Toothacher has just completed a functional impression for his patient Mrs. Jones. He promised his patient that she would have her Class I lower partial in 24 hours. Unfortunately, his laboratory is no longer in business. Dr. Toothacher has therefore decided to do the work himself. Based on this scenario, answer questions 8-10:

- List two laboratory techniques that Dr. Toothacker can use to pour-up the functional 8. impression.
 - Beading and Boxing plaster and pumice North Carolina technique (a)
 - **(b)**
- To section the edentulous area(s), what measurements should Dr. Toothacker use? 9.
 - 1 mm from the lingual slope of the residual ridge and 5 mm from the distal abutment (a)
 - 2 mm from the lingual slope of the residual ridge and 10 mm from the distal abutment _(b)
 - Sectioning of the cast is not required for a Kennedy Class I or Class III clinical (c) situation
 - None of the above **@**

After the impression has been poured, Dr. Toothacker notices a small amount of stone on the occlusal surfaces of the teeth. Select the most appropriate response(s) that could have caused this problem.

- The framework was not correctly luted to the master cast (a)
- Excess impression material was removed from the non-edentulous areas
- The cast was not properly sealed with wax and verified with slurry water
- None of the above (e)

EXTRA CREDIT: 10 points will be given if question is answered correctly. No partial credit given. The 10 points can ONLY increase NOT decrease your grade for this quiz only. Do not use more than 3 sentences.

What is the clinical significance for border molding of a distal extension RPD? Rorder molding is used to capture the tissue Distal extension of the RPD. This provides the sunctional sorm of the Residual

(90)

First Initial of last Name

20 MINUTES

Student Narte		(7-	•
Row/Seat Num	(_	

Instructions: Please print all written answers. No partial credit given. If the row instructor cannot read your answer, they cannot be graded. There is only one word for each blank space.

Grading:

All questions are worth 10 points

90-100 = A

80-88 = B

78-70 = C

68 and below = F

Which of the following factors determines the amount of retention that a clasp is capable of generating?

(a) Degree of the angle of cervical convergence

(b) How far into the angle of cervical convergence the clasp terminal is placed

(c) Flexibility of the clasp arm

(d) All of the above are correct

2. Mr. Jones has lost his lower denture. During his visit with Dr. Toothacker, the next day, he was told that all of his remaining teeth were caries-free and periodontally sound. However, he was missing tooth numbers 28-30 and needed a new RPD. Based on this clinical situation, what is the Kennedy classification?

(a) Class I 2

(b) Class II

©Class III O

(d) Class IV 1

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Based on question #2, how many direct retainers would be required for the metal framework?

(a) 1

(b) 2

1001

(d) No direct retainers are required

4. Support from the residual ridge is dependent upon several factors (List at least two):

Amount of Non-displacable fissue and displace able fissue

Copport also is dependent upon how broad a flot the

regidual ridge is.

(Record) According to McCracken, the objective for making a functional impression is to: - Capture

6. Occlusal analysis is defined as: - Analysing the Occlusion before any Rowoic is cone. Checking to make sure you can get an ideal occlusion before fixing a problem. Don't want to add to problems that allready exist.

When making a functional impression, the framework should be seated in the mouth	i and held
in place in the following manner:	·
 (a) Press on the edentulous area to stabilize the tray (b) No specific position is required when seating the impression 	
(c) Press on the metal rests of the framework (d) Allow the patient to hold the impression	
(d) Allow the patient to hold the impression	
Dr. Toothacher has just completed a functional impression for his patient Mrs. Jones. He his patient that she would have her Class I lower partial in 24 hours. Unfortunately, his lab no longer in business. Dr. Toothacher has therefore decided to do the work himself. Base scenario, answer questions 8-10:	oratory is
8. List two laboratory techniques that Dr. Toothacker can use to pour-up the functional	l
impression.	
(a) Beading i Boring w/ Wax (b) North Carolinia Technique	
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9. To section the edentulous area(s), what measurements should Dr. Toothacker use?	
(a) 1 mm from the lingual slope of the residual ridge and 5 mm from the distal a	butment
(b) 2 mm from the lingual slope of the residual ridge and 10 mm from the distal	
(c) Sectioning of the cast is not required for a Kennedy Class I or Class III clinic	
situation	
None of the above	
10. After the impression has been poured, Dr. Toothacker notices a small amount of sto	na an tha
occlusal surfaces of the teeth. Select the most appropriate response(s) that could have	
this problem.	ve causeu
(a)/ The framework was not correctly luted to the master cast	
(b) № Excess impression material was removed from the non-edentulous areas	
(c) The cast was not properly sealed with wax and verified with slurry water	
(d) a and c	
(e) None of the above	
EXTRA CREDIT: 10 points will be given if question is answered correctly. No partia	al credit
given. The 10 points can ONLY increase NOT decrease your grade for this quiz only.	
use more than 3 sentences.	
What is the clinical significance for border molding of a distal extension RPD?	
To provide & buttions for the resing to the me	te!
frame work, so there is sufficent room for the end of	
the resin so it does not break off.	

First initial of last name:

RPD Quiz #3

30 MINUTES

Student Name _______Row/Seat Number

Instructions: Please print all written answers. <u>No partial credit given</u>. If the instructor cannot read your answer, the answer cannot be graded.

Grading:

All questions are worth 10 points, unless indicated differently

90-100 = A

80-88 = B

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- 1. Provide definitions and rationales for the following terms: (Be descriptive in your wording) (60 points)
 - a. Occlusal analysis Evolution occlusion give to perferming any work stews fruition er to determine a morroccurate treatment plan for the patient
 - b. Clinical remount—A secondary achient record is taken after the prosthisis has been returned from the last is placed on the articulator along with the prosthisis to determine amount of tooth movement during RPD processing time
 - c. Altered cast impression— Secondary impression take to accurately record residual ridges to ensure a connect fit of the distal extension of an EPD WWCh arch?
 - d. Centric jaw relation vs. Centric occlusionCentric relation is the relation of the marible to the marille when the
 mandistric in the most posterior and superior position with in the straight desir
 Centric reclusion is the relation of the maxillary and mandisular destriction
 when the jam s in centric relation.
 - e. Border molding -- Percess by which the functional impression forders are formed by manual arrounded or soft lissues to determine the length and width of the presthetis
 - f. Land area -- A non on a famile area used to determine the buccal extent of a prostlisis

- 2. Mr. Jones has been wearing a mandibular RPD for over six years and is now ready for a new denture. The old denture was fine except he did not like the metal showing on his lower teeth. Dr. Toothacker, his family dentist, has classified the mandibular arch as a Kennedy Class IV (missing tooth #s 23-26) with .01 inch undercuts on the mesio-buccal and distal-buccal of all remaining teeth.
 - Starting with the surveying process, provide the design, technique and rationale that Dr. a. Toothacker can use to improve the esthetics for the new partial denture. (30 points)

Give play of inch undercate are present on the mos of 12 and 17 I - bars can be placed to increase the estitics of the TPD and make Mr. Jones Lappier. I -bars are an inforbulge class which approach He underent from a singilar direction. This decreases the

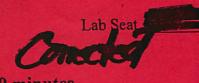
consent of metal that appears in the esthetic Form while providing sufficient retention of the RPD. In this case I would use a lingual plate as a mjor consister which will provide sood sidelite and allow for the addition of additional desture tresh should be Jones loss more teeth. Akis closes on Placed in unbrosure risks on feeth # 19,20 and 29,30 with riturine arms un the bulcar and brokens arms on the lingual. This assumbly allows for good returbion, symmetry and should be comfortable and exterically pleasing for Mr. Jours

b. Explain your specific clasp assembly design and rationale for the Kennedy Class IV design used for the abovementioned framework. (10 points)

Because we have found of inch undertals, we can use Akers classes to provide direct retailine properties on the distal extential the FFD and I-bars to provide additional retailer on the anterior extent of the RFD The retailer arms of the Akors we's hould approach the under cont from a Coronal direction while the I-bars approach from the ginginal direction.

> c. Explain the difference between the Krol vs. Kratochvil design. (10 points) EXTRA CREDIT

Name RDIV—Complete Denture Section Quiz #3 Please print.



30 minutes

Please answer the following questions to the best of your ability. All essay questions must be LEGIBLE. If they cannot be read, they will not be graded.

1. Retention, stability, and support are critical factors that must be assessed and incorporated during denture fabrication. Of these three factors circle the factor(s) that are provided or enhanced by the anatomical structure. (Total 30 points....5 points for each response)

Anatomical Structure

Critical Factors

Example: Buccal shelf

Retention

Support Stability

Answer: Support, because the buccal shelf provides the primary support area in the mandibular

Critical Factors Anatomical Structure Support Stabilit Retention Canine eminence Stability Retention Hard palate Stability Support Retention Hamular notch Support Stability Retention Retromolar pad Support Stability Retention Retromylohyoid space Retention Stability Support Rugae

In denture fabrication, anatomically compare the differences and similarities between the zygomatico-alveolar crest and the buccal shelf. (10 points)

The buccal small is parallel with ordusal plane on the man debular arch. It provides support to this arch. The zygomatico-alveolar rost practides Same support for the maxillary arch but it is believed in complete denture fabrication, why is "balance" necessary? primarily repsponsible

(5 points)

Adenture that is not in balance

What is the significance of the posterior palatal seal? (5 points) What is the significance of the posterior palatal seal? (5 points) to the property of the posterior palatal seal? (5 points) to the posterior of the posterior palatal seal? (5 points) to the posterior of the posterior palatal seal? (5 points) to the posterior of the posterior palatal seal? (5 points) to the posterior of returned for her first post-operative visit, he noticed a sore spot in the distobuccal flange area of the mandibular denture. What would you suspect to be the cause of this problem? BE SPECIFIC (10 pts.) dimension of occlusion is excession.

6. Why is a "retruded tongue position" considered very unfavorable in complete denture fabrication? (5 points) Because at cost the tenque is usually cost ind against the palate it is not cotrided. The retruded tenque as the chains the passition when setting anatomic teeth in balanced occlusion, if the incisal guidance is the passition increased what should you do to maintain balance? At least FOUR solutions the mand ble must be provided to obtain full credit. (10 points)

Condylar guidance is a tactor that Cannot be changed it. but, the occlusal plane compensational current and current of the compare and contrast thermoplastic and thermoset polymers. Give an example of the them. each. (10 points) maintain Of the five factors in the Hanau's Quint, which factor(s) are under the greatest control of the dentist? (5 points) No partial credit compensating curre Describe at least FIVE problems created when the vertical dimension of occlusion 10. is closed excessively in relation to the vertical dimension of rest. (10 points) angular chelitis facial distortion damage to TmT muscles lose tonin ty

his open tenew since

RDIV—Complete Denture Section

Quiz #3

30 minutes

Please answer the following questions to the best of your ability. All essay questions must be LEGIBLE. If they cannot be read, they will not be graded. Please print.

MIN

What is the purpose of a clinical remount and secondary centric jaw relation 1. record in complete denture fabrication? Hint: This does not refer to laboratory

remount. (20 points)

Clinical removal — To correct errors in contrict jour relation record or errors when you take the denture off the nester cast.

It secondary centric jour relation record is needed this is used to most the nandibility cost and to make some its accordent.

Measure twice cut once!

Mrs. Smith, a seamstress for over 30 years, has just received her first set of 2. complete dentures. She loves the way they look and feel in her mouth. However, she has noticed that her ability to pronounce words has changed and when she sews, she can no longer tear the thread with her front teeth like she used to for so many years. What was the probable cause of this situation and how can it be corrected? (Be specific and use the correct terminology) (20 points)

C = Condylar quidince x incisul quidince 1 car Comp. Cussi, cospel mellination, Occlusil plane 1 class The probable cause of this is probably miner errors from proceesing The incisel quidance was pickedly minimized but if not minimize He incisal quidance.

Explain House's classification for complete dentures. (15 points) 3.

1 Those that place high demends on the pentist fork even lister

	4. Explain the difference between thermoplastic and the moset polynees.
1.5	(15 points) Thermophistic polymers - the difference from themoset is thermophistic polymers is that they
	themoset dopplyners. Hed forme for themoplastic is themoset polyners are stiffer and horder
	paymers are stitter and herser
	5. What are the three stages of polymerization? (5 points)
VO	South Stage, Brittle stage: 6. When finishing and polishing a maxillary complete denture, the thickness of the
<i>└</i> ,	Set stage
	6. When finishing and polishing a maxillary complete denture, the thickness of the palatal portion should be 3 mm (5 points)
	+5
	7. Describe the procedure for the repair of a maxillary complete denture. (Be specific and use the correct terminology) (20 points) Rabbethy each side of the fracture 3-4mm wide Rabbethy each side of the fracture 3-4mm wide and Bevelin Zmm on the time side, This increases the surface area and allows the old and new acryliz to achieve to one another
	So You have 6-8 mm of Rubbethy.
Frachine 22	EXTRA CREDIT: To be used to increase the lowest Complete Denture Quiz score. (20 points)
	Describe the space of Donder's and its relationship with complete denture fabrication?
XD 365	What formula is used to obtain balanced occlusion for complete dentures? Why is balanced occlusion clinically significant? Condylor quantic x incisal qualities
117	C- Condylor quidrice x incisal quidrice to to (organity wire, x cuspal inclination x occlosed plane)
. ,	•