Address: Vishwanathpuram Ambajogai Road, Latur. 413531 (Maharashtra)

Tel : (02382) 228063, 227703, 227424 Fax : (02382) 228063

Email
: principal@mitmidsr.edu.in midsr.latur@gmail.com Website : www.mitmidsr.edu.in

### 2.5.4 Re-test and Answer sheets

## MIDSR DENTAL COLLEGE, LATUR

## DEPARTMENT OF




USE BLUE BALL
POINT PEN ONLY


3.Cross only Block Provided Do not Make Any sure Marks On The Answer Sheet
4. Rough Work Must Not Be Don On This Answer Sheet Use Free Space in The Question Booklet Provided

MIDST DENTAL COLLEGE,LATUR.
DEPARTMENT OF $\qquad$
INTERNATAL ASSESSMENT EXAMINATION
SECTION -B

Roll No. $\qquad$ Date

Note Start writing from here.

SAQ'S
3) - ?

Anterior teeth selection for $C D \rightarrow$
following are the three principals used for the selection of Anterior teeth.

1) Size of teeth
2) form of teeth
3) color of teeth

Enumeration of Method of Teeth selection $\rightarrow$

1) Methods of using petexpaction record $\rightarrow$

Diagnostic casts

- preexraction radiograph
- pres expaction photograph
-Teeth A lose resemblance should bo selected.
Methods of anthropological measurement of patient $\xrightarrow{\text { - Anthropometric cephalic Index } x}$ Based on size of face
- H. pounds formula.
- Based on width of nose

Methods Using Anatomical landmark $\rightarrow$
-size of maxillary arch.
Location A buccal frenum attachment
location I comer of mouth
location of Ala of nose

Methods Using theoretical contact winker's
concept $\rightarrow$

- size of force

Interarch spacing
Distance between distal end or mesially cuspids
4) $\qquad$ $\eta$

Articulators $\rightarrow$

Definition $\rightarrow$
Articulator is a mechanical device which represent temperomandibular joint and jaw member to which maxillary and mandibular cast may be attached to stimulate jaw movement

Classification of Articulator $\rightarrow$
(1) Based on theonce of oulusion
(2) Based on types of inter causal records used
(3) Based on a ability to stimulate jaw movement
(4) Based on adjustability of Articulator.
(1) Based lon theories $\rightarrow$
(a) Bownwill theory of articulator
(b) conical theory of articulator
(c) spherical theory of Articulator
(2) Based on type of interocuusal records used $\rightarrow$

Record used for thel adjustment
i) Intra occuusal record adjustment
(1) (raphic record adjustment
(3) Based on a ablity to stimulate jaw moremes $\rightarrow$
class I -
only rertical motion is possible simple holding derice
dass II -
permit horizantal and reftical moremens of TMJ with a face bow.

A - Ararage value
Class $\frac{B \text { - arbetary theory of motion }}{}$
These articulator permit horizantal \& rertical morement of imJ with Facebow.

Permit horixantal and rentical morement they do nol accept facebow mansfer.
class V
This accept three dynami- registration
(4) Rased on adjustability of Articulator $\rightarrow$

YNon adjustable
2) semi adjustabic
3) fully adjustable
6) $\qquad$ ?

Post insertion insmuction for $C D \rightarrow$
following are the post insertion instruction for CD patient $\rightarrow$
(1) Nature of complete denture $\rightarrow$

It muss be explained to patient that there is ho perfect solution to loss of any part of body and denture are mechanical substance for living tissue
(2) Indivisually of patient $\rightarrow$
patient must be told that their physical mental and oral condition are different in different indi-- Visual.

Fist oral Feeling $\rightarrow$

- Initially denture feel strange and buccally in move -h

That new denture siggntly larger than old patient. patient should be assured that. thin feeling of lip fullers will disappear with familization.

Appearance with new denture $\rightarrow$
patient must be assured that his appearance will became more natural with time as th. soft tissue adapt themselves to denture

Eves Saliva -
Told to patient, saliva secretion increase due to new denture it get reduced as time passer

Speech with new denture $\rightarrow$
Three things contribute in speech difficulty-

- Excess salivation
- large tongue
-Basal material wavering of palate
Mastication with new denture $\rightarrow$
- It requires at least $6-8$ weeks for developing the skill.

Type of food -
patient should ask to aroid sticky and fibrous substance and should stat with relating soft and cirspy food cut into small pieces

How to wear -
Incising from anterior tooth is arolded place food between posterior troth on both sided of the mouth stimulation easily

Tongue position -
patient should mako to be position the tongue such that it rests on lingual surface of mandibular alerion teeth
ord l Hygiene with denture $\rightarrow$

- Tissue health maintainance
- Denture maintainance plaque stain \& calculus

10) 

selective pressure impression technique $\rightarrow$

Definition
Impression can be defined as" negate likness or cory in reverse of a surface of an object to imprint teeth and it adjecant shultut in oral cavity.

- GPT $8^{\text {th }}$ edition

Types of Impression technique $\rightarrow$

- Mucostatic impression technique
- Duncocompressire impression technique
- selective pressure impression technique

The selective pressure impression technique make to extend beyond denture bearing area as possible without interferance with limiting smucture at function at rest

- The selective pressure technique make il possible to combine forces auring on denture to stress bearing area
- This is achieve through the design of special bay in which non shes bearing area are allow to come in costa relined and stress bearing area are allow to come in contad with tray

8) $\qquad$ 7

Ideal requirement for provisional lestoration Manly 3 types of ideal requirement -

1) Biological

3 optimal restoration
3) Mechanical
(1) Biological $\rightarrow$
(a) pulp protection -

- Protect the pulp from infection or mech.
- anical injury.

To prevent micro organism accumulation over surface a pup
(b) Maintain periodontal heath -

It restoration showa provide proper contour of the arch, present formation A plaque retentive area
(c) Maintain tooth position
(d) protect against fracture
oftimal restoration -

## athehr

- easily conterable
panturcency
- wor slability
(3) Mechanical

Reciss functional load
Reisi remorable load
I maintain inter abutment alignment
9)
$-7$
facrbow
Definition -
It is a denlal instument used is Drose -dontics it pupose panster functional a ectactic componenl from patient's mouts to dentur or aunamentarium.
parts of face bow -
$r$-shape bame
condylar rods
Bite fork
locking derice
orbital pointer with clamp
2) ?

Role of saliva in adhesion of $(D) \rightarrow$


Adhesion - Adhesion is defined as attractor of dissimilar molecule.

- It tale place between salivaldenture base and saliva mucosa
- II is achieved by forcer between the mucor a \& salivary glycoprotein surface epthelium or acrylic rein.
- If depends on -
-close adaptation of denture
- size of denture bearing area
- type of saliva.
- In xerostomia, adnecion leads to ulceration 4 abrasion in mucosa.

1) $e-$ ?

Relining of complete denture $\rightarrow$
Definition -
The procedure used to resurface the tissue side of removable dental prosthesis with ne wo base material thus producing an accurate adaptions denture foundingtinarea.

Indications -

1) Adaptation of denture base to the ridges are poor due to resorption of residual alveolar ridges.
2) Patient with complaint of looses or instability of denture following a long standing history of comfort
3) 316 months after construction of in mediate denture.
4) for chronically ill patient when the consluction of immediate denture
5) When a patient can't afford the prize

Contra indication $\rightarrow$

1. When the ridge resorption is more
2. When the underlying bane is resorped
3. When CD is wrong
4. Poor retention a denture
5. Imf pismbinger during mastic....
treatment of problem.
r. Denture with poor aesthetic
Q. Unsatis factory jaw relation
6. Dispuctire with major speech problem
7. presence of serer undercut
procedure -
D) prepratory phase
1) tissue preparation
ii) Denture prepration
2) procedure
a) impression making
i) static method
i) Close mouth technique
ii) functional technique m chairside technique
3) Lab procedure
4) Flask method
5) 
6) Articulator method
7) Jig method
8) $\qquad$
vertical jow relation

DeFinition
length of fad as derermined by amoun of sepation of jow under speelfred condition

Methad of VD at rest $\rightarrow$

1) phonetia - pr is repeataly insmucted to sag coords that cutain late ' m ' The lops aneer when thit is pronounce \& pr is insmucted to Sto all jaw morement when this happer. mearen -ment is madebetween point of refferance

- metritar jatw icketion

7)     - ?
sequele of $C D \rightarrow$
There ane mainly two types of sequele $\rightarrow$
8) Pirect sequele $\rightarrow$
9) mucosal reaction

- Denture stomatitis
- Denture imitation by hejperplasia
- fibroepithelial polyp
- Flabby ridje
- Flabby rage ds o constituent of combinatt -on syndrome
- pravmatie wies
- oral weer

1) Bouning moats syofrme
2) Rovidatal vidge velt pror

M gagging / actang
() alkera tane
(1) alleed speot
(1) Angulad cteliths
(i) galvanisor
7) Indired sequele -

1) Anopay of matticatory muscle
2) Nutritional deficienly


SECTIO
Date

Note: Start writing from livre

LAR's
1)

Jaw Relation
Definition
Relation of mandible to maxilla in oral cavity

Types -
(1) Orientation jaw relation
(2) vertical Jaw Relation
(3) Centric yow Relation/ Horizantal jaw relation
following is the norizantal jaw relation -

Centric Jaw Relation f Horizantal jaw relation

- It is a relationship of mandible to maxilla in horizantal plane.
- The basic horizontal relationship is a centric relation.
- Horiantal jaw relation is a basically a cen bic relation.


## Definition

Centric relation $\rightarrow$
centric relation can bedefined as The maxilla mandibular relationship in whig the condyles articulate with the thinnest ow a. - water portion of their respective disk with the complex in anterior superior position against the slopes of articular eminance. The position is independant of tooth contract. This position is dinically discemible when mandible is direct. superiorly and anteriorly. It is restricted to puraly rotalory movement about the transrers horizantal axis.

- GMT $8^{\text {th }}$ edition

Methods of recording centric Relation for cons. tole denture -
various methods for recording centric relation

1) physiological Method

- Tactile or interociusal check record method pressurcless method pressure method.

2) function al Method

- patterson method

Mayans method.
2)

Graphic Method
Intraioral mooing
expanial trading

1) Terminal hinge axis Method

2 ether Methods -

- Heating of surface of ane of the aim.
- stipe of cellwoid placed between the rim
- Soft wax placed over the ocuusal surfaces of mandib. bular posterior teeth.
- Soft cones of wax placed on lower denture base
(A) Physiological Method -
following are the physiological methods $\rightarrow$
(1) Tactile $/$ interoculusal Method $\rightarrow$

If is a tentative centric jaw relation recorded by asking the patient to retral the mandible. The casts are articul--ated based on mandible.

- The casts are articulated based on tentative jaw relation Teeth arrangement is done and interoculusal regisbation is made The tentative jaw relation is vantied coth. the interoculusal record $L$ errors are corrected.
(2) pressucles Method

The ocuusal rims are customaized as usual and the patient is rained to close at centric relation position. once the patient attains centric relation position. The denture base with oulusal rims are indered / sealed in this position
(3) pressure Method -

- After establishment the vertical dlamension, upper oalusal Hm is inserted into the patient's mouth. The entire lower oculusal rim is fabricated to be excess height.

The erisfe towe oudeni nim is Gepefered
 $m=$ wh
 selahon derith shewle qentif goude the
 AfFer the pabicil Leses his mewh til frrdelinn. Hilical duarrirgin , Ditt the culused rire orl yerrind, woted and aliculaid.
(1) functicnal Metred $\rightarrow$

217: mothets wilize funutional morements of ione to ificrd centir idaller-
(1) Nandil have Merted $\rightarrow$ ?
cormunly used furctional technque.
In this fancation of oclusal hers made fromimp ression compound
fiul mely bids or shyli are embedded into premelar and mofur area il manillay oulusal im

- culasal lims irsoted into patient mouth oftis asked to vose on oulusal rims and make promisie chusire, right, left lateral morement of mandible
- Wher A mens his mandible metal styh or ma-- villany ouluia hr will create a making on man , dible eculutal im. When all manments ane mede. a.dlamend sheped making pattern rather than a line is formed on mandibula oulusal im

The pestenor must point od this diamond pattern inaucan ces cerbic jaw rein
(3) Patpuson's Methat -
fiert colusbl rims are made a madeling wase.
गlougi ss made along with length dो mandlbuler oulisal IIm
11 mixtwe of conberundum \& denta plaster is
loaded ints bonch.

The oufusal rims art inserted and asked the pittererfom mondlbutas mortment
Movement will predule compensating curves on plaster carhorundure mix
At the movement are made 'the height \& plaster, rom one - ndum mix

PI asked to continue there morenents till predetermined vertical diamension ohlained
Finally, pt is asked to exude the jaw (recusal tres are fixed in this position with metal strip:
$\begin{aligned} & \text { (c) } \frac{\text { Graphic }}{\text { The er }} \frac{\text { Met }}{\text { met }} \\ & \text { to record cent } \\ & \text { (1) Intracral - }\end{aligned}$
The cenmas bearing point with plate is fitted in upper $n \mathrm{~m}$ in such a way that racing point is placed centrally across a line joing premolar tracing point is fitted to lower rim. The centra beaning point wok as reade in inhaoral dele.

Now perform lateral probusire jaw movement keeling nad--ing point with conlacl plate. The shat beaning paints make a racing on opposite central beaning plate untie performing these movements
(2) Exraoral Method Tracing is made outside the mouth f art also called Gothic arch / arrow point racing

## Procedure -

The centric records and movement of mandible in hori--zantal plane.

If is a needle point racing made on bracing table which is coated with wax. The needle o. styli attached to one jaw and rowing table is attached to other jaw during recording procedure the owlusal rims are placed seprated by
central bearing point/pin

- To make racing we start from the most retrudes - position of mandible The condyle mora force. and inward performing lateral mandibular mom. of one side with rotation orcuning around oppose, condyle
- The user al maury table is the most remuated or centre relation position. The needle is hat at is point \& both the oulutal rim in mouth of patios: are joined together by a quick setting plaster now reword is pranetter to articulator
(D) Terminal Hinge $9 x$ is Method -

In this method. kinematic face bow is used Armor bible rotates around hinge axis focluder with wax tim, it comet automatically in centric rel--ation

Other Mennods

* Deep heating I pooling method $\rightarrow$

Deep heating is done in the postenor portion of mandibular rim and anterior portion show d bereft wide.

* celluloid ships -

Ar nm if adjusted, a ship of cellwold is placed between rims and is puled. If cellwoid sips puls out easily. This indicates uneven contact and oulusay rim is adjusted.

Balanced Jd w $\rightarrow$
offinition
Balanced oulusion can be defined as ". the bilateral! ;imutanceus arlerior ard posterior Duldsal carman A both in centric and eceentric posthens"

$$
=\text { CPI } 8^{+1} \text { Cdr }
$$

Favors affecting balanced oulusien/Jaw $\rightarrow$
If Indination of condylar path condylar guidance
(inuisal guidance
(3) onentation of plane of oculusion
(4) sepal angulation
(1) compensating curves

Q Indication of condylar path / condylar guidance $\rightarrow$

- condylar guidance is defined as - the mechanical form located in the upper posterior region of an articulator which conmolis movement of lite mobile number

$$
\text { - } \operatorname{GPT}\left(8^{\text {th }} \text { edition }\right)
$$

- It is also called as first factor of oculusion
- This is the only Factor which can be recorded boom patient
- It is registered using promusive regismation, ie. the patent Is asked to probude with oclusal rims.
interoculusal record material is injected between the ousel Tm in this position. Oalysal sims with irtecocciusal record are bansfered to articulator since. the oclusal tm are promusire relation, upper member of artialtor is moved is back to accomodale them
- Intuocuusal, cord is carefully removed \& the upper member is allowed to side forward to its onginal position

The condylar guidance should be adjusted or metaled, upper member sides fredy into position. If is rr. - FFered to articulator as condylar guidance

- Increase in condylar guidance increases the jaw seprat during protrusion
- This factor can't be modified. All the other four Factors of occlusion should be modified to compon - sacs the effect of this factor
(2) In isal guidance $\rightarrow$

It is defined as "the influence of contacting surfaces of the mandibwar and maxillary antenor teeth on mandibular morement".

- GP eth edition
- It is cusp called as second factor d occlusion'
- It is determined by dentist and customized for patient during anterior Try-in.
- Incisal gulance act as conmolling path for the more--mint of cast in articulator.
- It should be set depening upon the desired overfet and overbite planned for Pt. If orejet is increased the inclination of the incisal guidance is decreased.
- If the overbite is increased, the incisal inclination incr e eases.
- Incisal guidance has more influence on posterior teeth. than condylar guidance because the action of incisal inclination is closes to tees than action of condylar guidance
- During profusive movement, incisal edge of man-- dibular anterior teeth move in downward \& forward path corresponding to the palatal surface of the upper incisors this is known as 'promusire incisal path' or inctsal guidance.


## of occlusion

Ar imaginary surface which is relulet araternicaly to ir cusors and the tips on the ocunding surfaces a poteen leet dit is net a plane in tue sense of the ward but (ipresen mean of curvature \& surface GT

F is established anatomically anteriorly $h_{y}$ rigi A lowe canine, which nearly wincides with commisum of mouth and posteriony by height \& renomola pod

If is usually paraliel to ada tragus line or campeselire filing plane of occlusion beyond $10^{\circ}$ is not atricaple
(3) Compensating curves -

The anteropesterior and lateral cur varuses in the alignment A oulusaing surfaces and incisal edger of artificial teeth which ape used to develop balanced occlusion.

- GMT

If is an important factor for establishing balanced occlusion and is determined by in dination of posterior teeth \& their vertical relationship to oclusal plane.

- The posterior teeth should be arranged such that their ousel surfaces form a curve which should be in harmony with mere -ments in mandible guided posteriony by condylar path

There are 2 types of curves $\rightarrow$

1) Anteroposterlor compensating aurner
2) Lateral compensating curve
curve on speed, coilson curve, Monson cure are associated with natural dentition

Anteroposterior compensating curve
There are compensatory curves running in anteroposterior direction. They compensate for the curve a spee in natural dentition
(b) compensating curve for curve of spec
curve of ape is defined as Anatomic curvature d the oculusal dlingment of teeth begining at tip of lower canine and following the buccal cusp of natural premolars and molars, and continuing to the anterior border ramus described by Graf ron spec

- Imaginary curve joing buccal usp of mandibwa. postenia teeth starting from canine passing through head of condyle
- It is seen in natural dentition $f$ should be produced in
- The significance of this curve that when the patient mores his mandible forward, the posterior teeth set on this curve will continue to remain in contact If the teeth are not arranged according to this curve There will be disoulusion profusion of the mandible
(c) Lateral compensating curves

There curves run ransersly from one side starch to other.
compensating curve for Monson's cure -
The curve of occlusion in which each cusp and in cu--sal edge to touches or conforms to a segment of sphere of 8 inch in diameter with its centre in the region of Glabella

- GPO
- The cure run across palalal \& buccal cusp of maxillary Molar
- During lateral movement, mande bular lingual aus on working side should slide along inner indiner of maxillary buccal cusp The relationship form a balance, on it teeth ser following the manson's cure, there will be lateral balance of oulusten

Acure of oculusion which is conves upward

$$
-G P T
$$

This curver run opposite the derection A monvan = cure It is followet when firsi premslar arrarged, is that theqde nol produce ary intciferance
C Renerse curre -
A curve of ocalusion in which hansmike goss secton anforms to a line which is conved upward

$$
-G P T
$$

improver stability $A$ dentore.
explained in relation to mandibwar posterior teet
pieasure curve
A curre of owusion which in transherse crosssection confirms to a line which is conven upward except for last molars.
-GPI
(4) cuspal Angulation

The angle made by areage slope of cusy with casp plane measured mesiodistally or bulelingually.

$$
-G P T
$$

The mesiodistal culs which lock the oceluston $\&$ reposit fioning of teeth do not ocuw due to settling of denture base.
So. prevent loding of oulusion.

## MIDSR DENTAL COLLEGE， department of Protkodanion

| MID TERM EXAMINATION |  |  |
| :---: | :---: | :---: |
|  | ， |  |
|  |  |  |
| ロロロロロ | ${ }^{8}$ | － |
| ロロロロロ | m $\square$ 吅 $\square^{\text {a }}$ | － |
| ロロロロロ | 战口口口 | － |
| ロロロロロ | R口4 $\square$ П口 |  |
| 口ロロロロロ |  |  |
|  | s口5 $\square^{\text {a }}$ | ， |
| $\square$ | ，口．$\square \square \square$ | －$\square \square \square$ |
| 口ロロロロ | w | 吅口ロ口 |
| 吅口ロロ | － |  |
|  | － |  |
| ロロロロ区 | $\square . \square \square \square$ | －ロロロロ |



| Version Question Booldet SriN． |
| :--- |
| and subject have been verified： |
| Ind． |
| Signature <br> Date： $14 / 2 / 2022$ |

USEBLUEBALL POINT PEN ONLY


3．Cross only Block Provided Do not Make Any sure Marks On The Answer Sheet．

4．Rough Work Must Not Be Don On This Answer Sheet Use Free Space in The Question Booklet Provided

MIDST DENTAL COLLEGE, LATER. DEPARTMENT OF fothonvinterna Of mimposiloadanitich $\qquad$
AB8EBBMENT EXAMINATION
$\qquad$

Nets : Stet whinny trout have.
${ }^{\prime}$ Section 8
IA.
$\rightarrow$ Temporization.

- It is also known as temporary sown. Temporization or provisional restoration.
- Provisional restoration is defined as " a Fixed or removable prosthesis, designed to enhance esther bes stabilization and function for a limited period of time which is then replaced by a definitive dental or maxillofacial prosthesis. Such prosthesis is used to assist in determination of the therapeutic "fictiveness of o specific treatment plan".
- The ideal requirement of provisional restoration, 88 is classified os:

1. Biologic requirement.
2. Mechanical requirement.
3. Aesthetic requirement
A. Biologic requirement:
a) Pulp protection:

- If should protect the prepared tooth from the ora) environment, which helps in preventing the sensitivity to the pulp.
b) Periodontal Health:

It must have a proper Kit, marginal fit proper contour and smooth surfaced to plaque accumulation which will help in 1 , good oral health.
(1) Positional Stability:

It should provide a comfortable stable or o functional relationship of occlusion by maintop interarch and intra-arch stability and preventing tooth migration or supracsuption
d) Prevention of fracture:

Tl should protect the prepared tooth surface from fracture which is more commonly sim in partial courage restoration.

B] Mechanical requirements:
a) Functional

1) TV should possess good compressive and flexural strength.
os The strength materials used for fabrication of provisional restoration is always of lower than that of definitive restoration material
2) Thus the cross-sectional size needs to be large in provisional restoration.
b) loss of retention :-
3) It should hove a close adaptation to the prepared surface to prevent displacement.
c) Removal for Reuse

- Temporary restorations may need to remove and recemented often.
- It they are will fabricated with odequoble thickness and umentid with weak cement, os it will help in removing easily without any froctern
c) Aesthetic Requirements:-
- It should mulch the size, shape colour and texture of the restored tooth, specially in the anterior region.
- Colour stability is important if it is used for the prolonged period.

Classification:
Govisional restorations are classified as follows:
A] According to the Method of fabrication :

1) Preformed
2) Custom made.
B) According to the material used:
3) Resins :-
o) Preformed :

Polycarbonate.
b) custom - mate.

Acrylic.
5) metals
s) futhorinad

Alvmsium.
Tins s slurs
b) (vaster - ins edt

- (ash metal alloy
c) According ts the duration of use

4) Short. Team Temporary Restoration
5) Long Term Temporary Restoration
D) According to the techniques of fabrication
6) Distet technique. on a cast.
c) Direet-Trdiacet technique:

Restorations are fabricated using imbination of intra-oral and ixtra-oral procedures
various methods of Temporization:-
a) Direst Thehrique

The ustorations are fabricated intra-orally.

1) Petered with polycarbonate crowns
2) Custom. made with index.

- Trotation

Adurntog's

- Less their side time
- less cost os there is no net to moke cost

Disobuentrag's :

- Only used tor single unit restorations
- Patients er oration is required.
orenciar odour.
- Crotherme heat may cause pulp istifation
b) Indirect trehnique:
- Restorations are fabricated extra -orally on a cast
- Preformed with nickel. chromium crowns. custom. mode with template.
- Indicated for fabrication of provisional restoration in fixed Partial dentures

Advantage :
The patient's 10 operation is not required as they will be not exposed directly to the impression material.
No offensise odour \& no tolerance of exothermic heal.

Disadvantage :-

1) More chair-side time
2) More cost required.
c) Dirett- Indiset Technique:-

Restorutions are fabricated using a con of intra-oral \& extra-oral proceduce

1. Principles of Tooth preparation in fixed parti denturts.

The prigeples of hooth preparation include

1) Biologic prineiple.
(1) Methanital printiple.
2) Fithetie prineiple.
a) Biologie principle includes:
is emperoation of troth slibative.
a) Pole.
b) Torth.
c) Soft lisues.
3) Prevention of domege.
a) Arjaciat leth.
b) Selt kistue.
a) Polp.
4) Conservation of tooth strestore.
5) Margin integrity.
ai Ploument.
b) Geomely
c) Adoptation.
B) mechanical.
a) Retention foom.
b) Resistance form.

- Magnitude \& ditlodying fovers
- Grometry el proparation.
- Type \& luting agens.
c) stroctoral durability.
() Alsthetic

1. Partial vencer reitorations.
2. metal-ceramic reilorations.
3. All ceramis restorations.
monationmen


Section S SAG.
$1 . \operatorname{Petromolar~Pad~Pro.~}$
1) It is a triangular ares of soft tissue present sn the distal end of ridge
i) It is composed of inucors which untain thin non krotinered tissue and submucosa whish contains loose orvolor tissue. Some glandular tissue and fibers such as buccinator. superior censtritar. pterygomandibular raphoe and tenon villi palation po muscles
2) It limits the pressure and extension of the denture.

Significance:

1) The position of the veliro-molor pads remain constons even after the extraction of all natural teth.
2) Hence it ats as a fixed point. Nonce it arts which helps in determining and setting the ocelusal plane in the upper and lower auchls
3) The retromolar pods provide bilaterally edentulous support for the denture.
4) The denture should cover the retromolor pads, whee it helps in reducing the resorption of residual alveolus ridge.
$3 \rightarrow$ Posterior Palatal Seal
Definition : it is defined us the junction better the adherent tissues of have palate and the movable lissue of sot palate, which can bi palpated when the movah on which the pressure within the physiologic limit can be applied by the complete removable denture prosthesis to ain in retention of denture.
5) The posterior palatal seal is the area between the anterior and posterior vibrating line.
6) Vibrating line :-

An imaginary line across the posterior part of the palate marking the division between the movable and immovable tissues of the cote palate.
3) This con be identified when the movable lissues are functioning
It is divided into :-
a) Anterior vibrating line
b) Posterior vibrating line,
4) The seal also consits of two se seproole but confluent areas, namely. Palatal seal and Pterygomoxillary sid.
functions:
This can be divided into its importance when incorporated in the impression tray and complete denture.
0) Impression tray :-

1) Establishes a positive contact ansi posteriorly and prevents the impression wash materid to slide down the pharynx.
2) Guides the positioning of impression tray.
3) (rates slight displacement of soft tissues.
4) Helps verity retention and seal of potential denture border.
b) Complete denture
1. Primary function is the retention of maxillary
2. Revels gag reflex by reducing patient awareness denture.
3. Preunts food accumulation beneath the of this area. posterior part of the denture
4. Reduces patients discomfort.
5. Compensates for volumetric shrinkage that occurs during polymerization of methyl meth. acrylute resin.
4.- Soft tissue management:

- Gingiva l displacement or retraction is required prior to the tooth fabrication.
- It con be done by following ways:

1) Mechanical.
"Mechanical Chemical.
2) Chemical.
3) Surgery.
a) Mechanical:

- This is the physical retraction of gingiva.
- If $\operatorname{con}$ be achieved by :-
i) Copper hand.

2) Rubber dam.
3) Cotton thread.
4) Magic foam
5) topper band

- It entries infusion moteriat ho displace gingiva.
- It is as longer used sutiofly a it con bf indicated with multiple abutments.
- It can cast injory to the gingiva and retraction is minimal.
- Advenliage :
- Posy to use with less trauma.
- Dinoduantage, :Uss station than cord.
b) Mthanical. (hemical :-
- A displement cord is used for mechanically seperating the tissue from the prepared margin and is impregnated with a chemical for ostringment action or haemostasis as impressions are made.
- Cord displaces the gingiva tissue laterally and vatically.
Chemicals used:

1) Perries sulphate $20 \%=25 \%$
2) Aluminium chloride $15 \%-29 \%$

Displacement techniques :

1) Single cord
?) Double cord.
c) (hemital :-

- This is the recent development where the retrusion of tissue is convinced coot by aluminium chloride. paste.
- Advantage :- Achicue good haemostasis
- Disadvantage : Retraction is much less compared to cord.
d) Surgical
a) Rotary curettage (ginyettage)
- Indication : $n$ No bleeding on probling.

2) Sulcus depth 1 Ns s than 3 mm

- Rotary instruments art used.
b) Electro-sorgery :
- The kissue is destructed to achieve surgical resolve.
- Indication Gingivectomy.
$\stackrel{5}{3} \rightarrow$ Selection of ideal abutment for fixed partial denture:
* The following factors are evaluated for the selection of ideal abutment. in fixed partial denture:
(1) Shown:
a] Crown length
- The adequate oceluso.cervical crown length is required for the retention.
b) Crown form :-
- Pew tooth may have short clinical crotons interters in the parallelism preparation, for which may require fall crown restorations! coverage.
c) Mutilation of gown:-
- The size number and location of cosies or restoration may alter the retainer used on abutment tooth.

2) Root length and form :

- Adequate root anchorage is necessary for the support of abutment.
- The root anchorage is directly proportional to strength and stability of PPD ,
- Roots with parallelism and divergent roots provide more strength.
- The bucco lingual width most be greater.
- multi rooted tech gives more support.

3) Rood. proximity.
4) Loowr fol ratio:-

- It is the measure of teeth from the occlusion to the alveolar crest and to the kip of root.
- Normal ratio is $2: 3$ while $1: 1$ is also acceptible if the.
- Opposing occlorion is removable partial prosthesis.

5) Periodontal health

Any periodontal selects may be should be removed.
6) Ante's Law $>$
7) Caries.

Any caries on leith should be removed prior to the fabrication.
8) Endodontic Treated Tooth

- They may provide a good anchorage to the prosthesis.

2) Till
6. Gingiva finish lints:
$\rightarrow$ Finish lines : Tberminal portions of the prepared both.

- Margin geometry. if refers to the shape of the prepared finish lints.
finish line configurations are as follows i-
i] camper Framer :-
- It is an obtuse angled finch line
- Ib is distinct. exhibit least stress.
ii) Heavy campier chamfer :-
- Thdicated for all ceramic crowns.
- Similar to nom chamfer but prepared with a diamond of greater diameter.
iii) Shoulder
- It is a right-angled finish line
- Requires more preparation, hence not conservation,
(v) Shoulder with beat:
- It is a shoulder with a bevel on the cretenal loge.
- Protects the edge of finish line preventing chipping.
v) Radial shoulder
- It is a shoulder finish lint rounded internal line angle.
- Inditster for all stannic thous.
vi) Slopes shoulder
- Similar to the shoulder bot with on obtuse angle
vv] hints that
- It is a thin finish line

Highly conservative.

- It can lead to sorr-contoused intonations

Indications for FPD:

1) In short edentulous space.
2) Abutment roth and supporting tissues are healthy
3) To harmonize dental occlusion.
4) To stabilize and splint the dentition after advanced periodontal throapy.
a) When the patient desires to fixed prosthesis of The patient has skills to maintain good oral and prosthesis hygiene.
contraindications for PPD ir
5) In long edentulous spaces.
6) Edentulous space with no distal abutment.
7) Bilateral edentulous space with mort than taus teeth missing on either side require cross arch stabilization.
8) Presence of periodonbally weakened abutments.
9) Teeth with short clinical crowns.
10) Severe loss of tissue in the edentulous ridge because of surgery or trauma.
11) In patient with poor oral hygiene
12) In very young patient with wide pulp chambers.
13) In very old patient with brittle teeth.
(10) Medially compromised pationti.
14) $\rightarrow$ selective pressure technique :

- Impression is defined as negative likeness on copying in reverse of the surface of an object or imprint of the roth for the use in dentistry.
- It is a technique which uses the principle of minimal pressure and pressure technique
- In this technique bo force is exerted on the stress bearing areas while the fores is nob aphid applied on the less tolerating areas (relief areas)
- This can be achieved by the design of custom tray where the relict areas are relieved and the sleress-bearing areas contact the tray.
- The relieved areas are in loose contact with the custom bray.
- Disadvantages:
- Some areas are already traced even without the force application:
- While applying force in some specific area it may not record the arch in patient. properly.
 Selective pressure technique. Sloes bearing areas are recorded by coming in contact with the troy.

Radiographs in fixed proithodontic tromenent:
A full mouth radiographic exarnination is required while making fixed portia l denture.
so based on the types of radiographs used their importance is :
a) Periapical radiograph:-

1) It helps in studying the extent of bone soposer
2) Help in viewing the detailed morphology of the abutment teeth.
3) To vice pulpal morphology as well as endodontic: treatment.
b) Bitewing radiograph :-

- Helps in evaluation of dental caries over proximal surface and $2^{\circ}$ caries on the restoration.
c) Panoramic films:-

1) Helps in evaluation of resorption of bone, pattern of hone resorption.
2) For determining the presence of impacted booth.
3) Determining the thickness of set tissues out r the pontic area.

- Radiograph are important tools in assessment to determine the success of prosthesis.

1. Significance of biologic width:

- The natural harrier that develops around the -tech and dental implants to protect the alveolar bone boom disease is known as biologic width.
- It is vital for the preservation ot periodontal health and removal of irritation that could damage periodontium.

9. Advantages partial veneer crowns over full veneer crowns/are as follows.
1) Conservation of tooth structure.
a) Morgins accusible by patient to maintain hygiene.
2) Belies periodontal response.
3) Cementation is cosy.
4) Easy removable and recementution.
c)




5 Mal Dip umil chal-palate
 (996)

At 6 t至宣 4
Al tevidufus andues aval wivatred 4


1.

Hylyar is-10 merth
$+$
Brtait ail apphrg powt premolat $+$


At R-9 yenti at 0

1
 1
 $\downarrow$
Ertranisn op empffy int premblar
eqnéreat erupt in $\rightarrow 1$ ifriment
Nares methet of Intal perrotheis frimoulare ot desduase ith matar

4 os Frather of $1^{\text {t t }}$ promolar

+ Atvantqua :-

1) Treatment is mate phydouryic as it inbabout guidmaer of teeth trito nommal poditho
b) Pemojal ob Aetudupur captine allow ypantaneous abigrment ed quoded Inticarne -
2) extroution of $1^{\text {st }}$ premour betpre coondify atleade spootanemul dignment of purmanent eesplot
(4) It lescers the poried of ghture apflionce thenopy
b) bryalagigial tranima asfocioped with matoulutap an be apoided ty Hhe ireatiment protocal

4 Sicodvontiget:-
 class III matoceltrion onses
 to hope ffort teath wotaquited.
3) ID exprations ate merried out to eang infin mesute To space 105s or delozel eruptimp

 forfent
6) pationt comprat ios needrad









 soume of maheruils Hagmed (196)
a) $y$ ufte $(341)$
b $u$ tif $+1+1$
$\Rightarrow$ I Pybe (1at
d) In type $1=1$


1. TyPa olypit thater -mithot



- Teq THazel
- Hispmerial itrmatinthlta L .

$$
-B^{2}+-\operatorname{arch}
$$



 eg cinalani iat Its detih
3) Bted m, 3 atr cattent



 in |




当 1 Hz MraH?
A! Tuiputery




4 Intupitran - -









Thpuit mira rimpiturfy




1




1 - -



i) Jinnimitimita






i) frumbive +oour mishollpy



- 1 urimpentry puthent:


- in Hpenintripu

$-\frac{1}{4}$

1
 untir hanq hen
 itvili


1


$\pm$

Impalir nimiranil




\$14pet: and ory He ompain it

 cemuent

 1
 AHE Et cytury


 prangel

 wis whroh inip dtundinatur incrove



 Leuger Pis large ombant


 Its unique atriy to dupprt Muritmelia of emat cevulat gucan

1 Hopelobad noure aridy flalas


5) Tए4ivi

* Frod sypat gutetitult


 gydgemic poybol demved term Eentare wigat
 Hocrant


Betterment EXAM thafree Profluth Midsp dental college，latur
beparment of dohta


 －ロロロ000



Mrimintin Humpantiry




GHzpomithathiln Din
 Furn Tle tiann rion
-Thogras Totftha

Roil Na $\mathrm{Na}_{2}$
Serction $\bar{B}$


Indicoton of semil exhraction:
In in clan I wher harmony of trebehly
4 mulde syterm


- Alienic of phymilogis ipates
- mrovided lava inchar.
- Unilataral of biluthed lons of cantic.
- impaude malpaithenal loubral inulia
- Ankyloril of treth.
- Clorine $y^{2}$ lowa a aviolior.

3) Whis gowith is nut enoigh. to gurame dirimpiesy of anch lenpth I teth modolol
-1) In spought frofles i pleating apperinen
Sould methed of Serial echetrom.

$-1 p a d$ metid



 de inodefing pit promaloir


- mil mondun -








 Fitanirn bitum Hily
H. Hethaitan + hrath Iy

Im Tuninh $4=$ T 1 Hatin
$=14$ tmer it ini itroung|turi ysuring prifint
 H. H - 4 y

I ithantin int iny

 intrintit in ntiny achmits

Mhenthr a
F11 alanime
Semphut
Flint|

$414+4-14=$
Hat Hin junhe

 $\qquad$
Ahintrymi $\qquad$
Thiunn-1ptin
$\pm$ IE


- Henbeh Finolutu

 rlihutl
 wohe furrinatr muind m jats


- Hinturn faiminn of hrith mphilum earurnir




Fublent. $\qquad$
RHphimeris

unhor huit-inthonh $\qquad$
$\qquad$
$\qquad$
$\qquad$


12
Ahtantion =
-cul Hunt
-un en lahros
urioum in aHMunt

- Cmin in monhut
- स口Matich

Diludurintry =-

- +alin- 1 mina
- nither berpoult mintual
 - lim mpiry inmutir in mina
$\qquad$
$\qquad$
$\qquad$
$\qquad$
$\qquad$
$\qquad$ THI +1
$-2$
Aumil I Hiqual

$$
\begin{aligned}
& \text { - Tha Mun ariagei irth }
\end{aligned}
$$ revical ensidrith


$\qquad$ Adrunght

- eny 4 n net
-rutu $=$ glinion
-anirin whut
- In in rmiter
emonilul

21 nerernila



$\qquad$
$\qquad$

$\qquad$
$\qquad$
$\qquad$ Kodi q/ anturatu|
 [1 murt

 17世5
 Areifal uTidtruit
-It in imed mint malulit
1

2 muin Hual untivif


- In piol pin ituh
$\qquad$
Letul
$4-1$
- 1 \#

414
$I$
 $\qquad$

MOT $-\square$
$\qquad$
Hirwiltin $\qquad$ 는

$\qquad$
$\square-$



Phutinin hutur prant
$\qquad$
$\qquad$
$\qquad$
 -4 spact climet.
$\qquad$
$\qquad$

$=\operatorname{Lnmfl}$ $\qquad$
$\qquad$


$\qquad$ Hider tw trimal suliulat $14=$

- TE in dar ir ayir 4 ptation कीयाए

7hinyum



- $11-\frac{1}{4+4}$
$=$ al|rin
q-Tinf \#1

That nopen 11
FromernilituTn
iftionthuilulim olim ang
 phorer pachal My
$\qquad$
$\qquad$
$\qquad$
$\qquad$
$\qquad$
$\qquad$
$\qquad$
$\qquad$
$\qquad$
17


phil 4 ridule laidunin

$\qquad$

- Dilaral
$=$ midion
$\qquad$
Fmons - PDuliditr 4

$\sqrt{+4+5}$
$\qquad$


- 

$\qquad$

-     - Buinur
- truthe
$\qquad$
$\qquad$
$\qquad$
$\qquad$
$\qquad$
$\qquad$
$\qquad$
$\qquad$
$\qquad$
- $\rightarrow$ —n
$\square=$
$\qquad$
$\qquad$
$\qquad$
$\qquad$
$\square$

Thungarder 4 CLI
That
ritan

- Han hish ta is quilut
$\mathrm{Se}^{2}+\sqrt{4}$



Hen 4






 Hiphum



WHin He ithulimy
Trimalirsters $4=34$

Frivitar


Armatrate
$\qquad$ Itiry
 [11-4 $14=14$

Fin Ambyn.










- Conlaifino hit.
- pt a wion th all atreded pobser.
$=$ nuw theit lis in in that tathuin -

 the thew
- Wia placel idatar poutina
- ute nipud itilaphed
 Th Mine din
* Fitiontrin
$-81+\pi 1$ m= mion ithor balu $\qquad$
$\qquad$
$\qquad$
$\qquad$
$\qquad$
$\qquad$
$\qquad$
$\qquad$
twhem.
Ifethum an ondruit
aboul ail toliutth
+ Erumpint prymu

Humil in iHhymul morth



MIDSR DENTAL COLLEGE,LATUR. Dephament of orthodocificl.
"II' Itternatal assessamest exauinemon
SECTION-B
55 $\qquad$ Sut $\qquad$ Tin: $\qquad$
$\qquad$
$\qquad$ 4 $\qquad$ .


Teeth mennmmed Thoodla


Thanditir
FIbti tinth molenidt,






Whytien in
ThyHyin in thein

ter


Pryr=


eris

7ry Hat


14+2
Thi intan
He니 truiliay ipeltar
Hid in Hin fir

等相

VFI
Finil hotio


4. 1

$$
\begin{aligned}
& \text { - Criara apilunir }
\end{aligned}
$$

$$
\begin{aligned}
& \text { it entra }
\end{aligned}
$$




$\qquad$
$\qquad$

- MHitunt Her nilt




 |
${ }^{51}$
Herfait phat
al-m mbal
H Hiphar
- Fuhtoil plaris
- Momputitrar
"Milul mph
- HoL Hillim

- Fithinh
thilit
- I Hint NTi

ELani tump
E 1
T It
$\qquad$

直 $+1=$
Atrairy pintur


- Iz H NLit
- AMor man
= Frombiplent
Matiol rath
$\frac{4 i+1}{11}$
$\qquad$
$\qquad$
$\qquad$
- ILH HM |AL mint
ir humin in inti
2- |1ппи! ! $\qquad$




pion pratily

H1 man?
CHLHI

## MIDSR DENTAL COLLEGE, LATUR






프ㄴㅡㅡㅇ

- $-\mathrm{m}=$
-rin-



##  एक्षान



 thererner


 fyral

# miosr nemtál tollege. latur. 

## 


SECTION - $B$

## Roll N

Deta Hinditit
Tine

 ehturice at tonguif

71 tr chagcherluat hy entupete


2) -rrand

It if Tha unconomen lanultion chmaturi. ty - milumminf sf monyen

> TyPer - Trut odirnymati phails onting

Chumen
4 tertuntiti 4 hatedlatary

- inmplunaira
- piominhytumil
- N infltitim


2. Aipunct

- Edrhbieut pulent
$=$ Anelutilaritnitil
 nictamyly
= myciedrail
$=$ ciunhripal ethey trimeria

Chiminquate
H.



 a manturnt -
 A1 Hon 4 mThuly






D Fryjatinu

Henin H







 "t Mry




## 4.7rifal fimure







4) chill ucrute


 -4


 Hal Hintut

41 thenitnd 1 nng
 Buncui Hinem

Whicai Eint =

- meri linmon tmany malol.

 Enquites thilil dhrimfit
 buthce ith in thoterfortin

 Hivi


## Hypateys

 mureri

 कtyen tham
(1) H2Hy ftinus =
11. The unumui bindtit:





 Ent

## CHesyy

- Tor an hation
- If imydimert=

- mesydurning
- dintas tinuti
$=$
lich of thath Paming
Suntili iettrat

 HE mumbal hyur ith derat rutau








Trathant:-



7) malia imbunal qualitit -

 dathon Gutan it tugur
cliston matures

- muit Gimpen auning indta


 gratinity of ctroiminate parpus
 whit'

 couk thet shaniil 6 turning:


 HiHIF= $\qquad$
 Herpirithuid






THuH2








Minimatinury








 thereter

Fito



chat te sem


#  <br> MILISR DEMTAL LOLLEGE. LATUR. 

## DEPARTMENT OF


SECIION.B
$\qquad$

## 

$1644-14=1$


Cineal intitht -
 ghander in Litutm
 Hun南品

 potitu
 enil Hafinal chulitidd
rluthyini ratiren



 Arlywil








$=$


- मппи It Inintilit:


 Hill

3


 \# He lidmothor at mip|er mal

He fthit at monhrahtill





 hallli 4-4




Tindindry








Whntir whit that Hut Hyt 1 Hhm


 f1744


 muntitit





 (14 H14T

 Hu mantitatiar ane



 cunieit min intht

 Hala quprimatur
 Hini +4it
 -1
 ut |hum HRAMい.E\#



IIfillif-pulit


H4 Fituratit













- tetmil edentoymateryit


2 Hundebnhafrne

$=$ muspudad GyI

- mafryun fuptrad
$=$ bichullmatury 4 t

3- Jnilimfuraly chit


- Mailtably

- Craintal cyt

If hun ortholial
andy-num hear tyus
Thirntuh ther ryu
Bentury buile ryil


- Hinforit
- Iueratiout
- Mirinnthty
- fuitepertir murary cynt


## bentyunal iyt

fatradythe







- IH I the mail Eqmen turnmonfar mherrytur



## clipral Hatater



$-$
 moldilamatilimy bumb and








 Hilath


 Fon an puitu truple

Pnthanyal tenturnt
if Intmathaldit Hirey
Brnjutrai yut at coumity





## Hintiogeal toipun








 4yt maly lie ithenis.






 at fan on fituy of jont

 pervilly orartad

- minminemag tunint-

Whet tuth oqpeien to te encricted hy the $4 y$
$-1$
Denflytubl y Veubir but ocraguan il miy onam mymieculif

ITreatun=at



edrchar nimi=utun

- harimatañ

Euldamadit daritnant

If is the muminent phumit

1) $7 \mathrm{nd}+\mathrm{tmer}$


 - min!



 him thit errmi in gurghembin the thad




- It Hancd घp कhi Heale pouthoum


thum Hatutit
 hert pfine qumumy culifres


ili tenth
 +14 intic tan



 H24

HITH4 1-2H14
 Hythematill puat

- Hi 4- Huluin if turyat
 Hetrat montri in man=

1- 4ilicyltil -

11) Fentin-




- CED:
$=$ Ant




$-$
ran-ple + mitifyng tibrdiou

Hrmenmashy Furnitu

— — " ".... Fernpapid

"1 ingligntuit
 - 2melewaine omemanom

- 4talimar máminiur councilad



7t in the hatelyyin binmite of


(1)




thul call lygat
 Cul

3






 414 $\qquad$ -
 |1-4
 Hinte

 Whation rifil=

6-annother

- fintia

- HTAcasati=
$=$ Fitral thal

- ach inderlath
- Erengopmorn
- irutar trat
 Hati


 AnM1.

 hentupumpla
 sitriqui dacafom hat is compleder

line
 Ean－


 Hidunill


## 

｜haill in in



4 H H

1HiHLIMHHE


Hinnay intrinquil


## H1 H





+11

## Lalantimatum -

III
 Hitue lybtanill

din+

$$
\text { inas } 1-4 \text { in }
$$

Ghimbun mile


HEE Hi



The pwer dulu ily if Hhertien H6T

45
 1014chation=

Erpuitai dthi4 $=$ पnmen



${ }^{1}+$

## IHRMumhon


Mabin Trainetio


 4un Himait

41
Ith=7










"
 - it ately
fer
 - मrirntally

Hhumelratim-


 HIETA







finulintinilin mith
H!


Thenrnurin

= Muphifurimaily

## Betterment Exam

## MIDSR DENTAL COLLEGE, LATUR

## PRMAR1MEH 白F $-\boldsymbol{\square}$ <br> 




$1+2+\pi=$


##  



[^0]INII IITY I ASSECGILL it Sxampanoy
4ensminestht
$\qquad$ DEMदाMETAT
SECIU. H
Aill $\qquad$ 161 ant $\qquad$ 7 H14年 The

-utif nupyr $\qquad$
(1) $\qquad$ F
$\qquad$

$\$$

- $-7 \mid 111=$











-5 \ll





 iix $\qquad$


 फymintint: $\qquad$ enim)
 finih lue sumbit eut.

 syimplol




(2) $\qquad$ 1.
$\rightarrow$ Antilun+tan






- Foith ITfing Wimman forto
-4 fremat ai fulluth iftempl
$\because$ THP की rithintor uva
















Fulmin! tom $=1$
Rifinham











\#4llime ty




6




 th puive a cullat.
 chat

















 Hili $=-24| | i_{i n}$





 digumblo bi mpithlmat
 nit the tint upin







 $41+5$ trintig
 pifiliaumail

0 $\qquad$ 1


 withell at 4!
Cypleillymat wa why

cimel II lolth her Coblw d.ung
syina drither 7wap I litif catille




पutil-poth
"enver It ipt


Eutloy ot |ritruarile




$2+1+12$ n+4.4

MACTHT:HEs
 कह刀antMr:
pluch $\qquad$
Hinerern -
M
$14=$







 cerner - $\mathrm{HAH}=$
 +1075 +11ru44=
 Fitathen Min 个in
in Hllimed timat

melluat
MTTNats.

Mitts
共
$\qquad$
$\qquad$


4-4표표
$\qquad$
(0)

S41 E-Ch Mctod $=1$
$\qquad$ wim






Shoyil


 čun enfot.
 Intandar:
$\qquad$










 menili Mor







三惊1 11

















$\Rightarrow$ Now fil the alus Envily with implost \& Stovi preplaving of the Exvalontices.
Fivetarivi of thy crrmal thencl of the cicusl Bun be dois by uling haul luhthoutits, Gatej-Gulidelen dvils.
$\rightarrow$ Gratui-Ghiditu tivity Eoul be unty cifter Seutuy the sacal priture inita mamber ia ov पर fales.
 and recapitantion unth os swahevi fin

 with swoll iwhevemly
$\rightarrow$ Eival apise prepavatovi in prepovtd acea

$\qquad$ 2


$-1045$

- 두붑
= 40allinj"




0
Cinthlah Glati
- Inetrig in |lomint
- contimiti pertidi

6i Momertal min

- thr

(1) Pod =

1
$=\| H_{1} \mid$
- "!


$$
=-54=\frac{1}{4}|+|
$$

3 FETB/

 ablam aytat
$\rightarrow$ EPFA on whic ant it equily





- Minherme formo

 drimpl buth


 Autaid ditifive
* TTHas 暗 Hetr

 |pitly ely
$\rightarrow-\cot -\mathrm{T}=$





$\longrightarrow$ Tillow dithy in trantur


Hin=





Mr9n\# $\Rightarrow$

hild alil ot Ahtrivin




nentintit
9

$$
\begin{aligned}
& \text {-Itrymbini ifilinime }
\end{aligned}
$$

+14 Mu


4 dhernh Hainhm


- hdy $=$ tain of FTM0


\# Itll hlpawhyh't




7 $\square$
 aua the $[$ th sf tulum

- fidncuityme



$\Rightarrow$ Thenetristiu
3 Itij cumpulia
H- Fitle empht


- It hay yod malno b toles.






- Lie $\frac{1}{2} \mathrm{~min}_{\mathrm{H}} \mathrm{Han}$
$\rightarrow$ Gutil idi Nome


-s Romila hougetinu lie mani
$\rightarrow$ IHATht reidoten

- Dinely marthi Halua




-4 nughinyatim






 HADIIAMT HEVNE PuEMEI=


$$
(0-3-1+2 \pi)
$$









d) Ind momitiony molar






















$$
[\mathrm{en}=12 \mathrm{mD}
$$










Ahrintatai $=$



maurleny teged pritullat







Ludde Asp Moalm
 1-thical nakal estip tolial:
c) Areas Anesthe thyd futh of Mamilany cents


- In about 725 of hef, pulp a the that formalas 4 mesthbicel Doot of the Bit matar

 - aken sumprentortip mpotions have heas mofoling beane of tivut sectial bomp.


Hotanamaty -
H1 fofitis trpuration - 0: 7y


c)

1) Condhation-fimatomit (rane)

4

4) Goski lataliu Nost tote$(6.45 \mathrm{~min})$
9) Ouhe Cominen Mano-Act putatus Hever Elot

 polat and ila molydis jent tivel, and thi premelan it mulindy fte ha mituer

 tua +ial 19 - for paic darat






- Mas hitur hlaile-





Dhithue - No gut Awhey dectal Hemply

H) Hacpujatet Hetre fopkt
 heme heth


 lf infina \& Iu def fou fremalor



- Howltr use cy Howepl


 medil plenthitima








04



 -4aces lulaherally
 pryctring infelion
+1 Mangermunt 1 -
$\rightarrow$ Duticytei M Teralmend $=$
Thi thatrment to bist of the rombinnthin


1. Eaty liaprutho




2. Arrigey Majetrinemer=



- Henitit Angantar te plyevter taHent.



- Byint intanimen haul be avadel
- Nast undetrathen inhohtrim popener


 prejusul outr friothethome|









The viphees inqelved



5 Allape prompl draiget
Cort ibend be fact io pracquer or avend thaunta to

1) Favidy yeppli hat aryly:
40.31 1syun newt
s) Tofulat rict

If An+biohe Thempy:

 Ehoty poally.






 Yill Pephaloyphan:
$3 月 4$

a) Wher Gentor whate Rlarutibulem Filpole thener Ancuthetered:

हJalerim ATraniar
-7 Tintalum
in Hinital
H Lithon
-) Arlay Ancuheltogit

M. Eaty it the Mandible




1) Ind monimer

3 When perat ogt-tuede mumiholle







Pbive trea it mnathesta -
2h itidemete Ampitacau.

ip Pritive piplaiotion (buet) ratian it

 befol inforg unturat mewn mat



 liepoir il ontent igite the (evterent

Annlertiar himeter of Parman:
DElinnol boder of timum
He wimmithoder Panum






- ubletrene.
 He indlet donthus -


 pacial foumbleta
And Dilptant isyullai folit ofticlomip

 prognt Ham

F Avily Infury to the manyluad
nownel notur

ITHur but introed of luftery tothe numulibultr neundmantit tendle
28ungiun Tramery





- Ptminituy it thoted abone mandi-t pt Hu Tredur sude
 hohbot thit mandi- frnemen

 thauit eui, modir of He mand.

- Dife the ítaty pombletel 7 he dirhat phat Hit minit becraty frec \& then 10 mome


Houctid mad bi somulianea chympimat

 If aum it antrum ind limatelenci iffel


- Chande difititr.

- AInMt

 aidi tur to thiprolivice of phat - Thickincry o Lupunt nilent.









 be Smand

- claciffat
min $\frac{1}{2}$ Lopal ofmphathout

A Nirdla eombinationt


 insphes on tha Eminti foults





 rewh then
 promencmat


 Jos of vioher fumbin

 1) Uagtan Hachian.



- Beblan pit in ny paper

which wuse mhictut mowh poctuma PLumer $=$ Teruena fo stod velocti
- Levar mathtalí whim deehed ex yed 3hatidation folutisen
 444



E Bytamil complapint








- 11 prowerty produges hypthation at elent ofpoushose buedres dike ho depridime the murumitinm.
 Leprestura f toue loade

 motern




 Ady adospr monilla




- The Mubuln atheliminti ah of hhuhet
- That HABHLem limatan iedert
 Lene geyt with un iphet Hend smplat


 the phtmulan an lediuled





146. Clumitority of Mandibulore forblowe
 involved in frochue $\frac{\text { of mendiale. }}{\text { in miduin }}$
1 MidLun
s Argh
1.) Guncu Megom

1-Ramus:
3, Asmplayio frachani
7. Aondular procen
4. BAd. 8 coranoid procens.
a. Denkonluzeline pricess
-H: Boad on promenit of servicable teth at the frathew bigu- koyayion and Conveue th the marthe
helpetal in deluming trah invert

1. Cont - On both Gided of partriar here:


(-1) Mandqement - -
A Trour acrous witing
1 Pireet uturay gocery the frowhen the
2 Wiring can by dow theough intraenal of ritoteral
2. Frooples nusot hi geduced indepintly with He tis tecth in oeclwain lefon the free ento ant Lightoned and harifel
3. He thatied onds oue but shaer \& tucked into the buast duve hap
5- Movilamou con be fur-hole, thew hole and 4 hola
 whity at tes infeuor lender
4. Seques oxtminiag of the tan fongmonis


3- Fromeve of ofortido, indudilite:
4 Ner liguat of lle featiane
\& failuand

And Semsi fitatiden of Fyt
A) By Shame

A prexlopmental otgh:
b] Gy\& Asomoled virh
(9) OJDhtraguaí

Moplatid Antorem


- Evplioer eypl

- Macolale.
- PeHenbori cupt.
- Peblayst
- Pesternaiter En=llowy ut

- Nasepatidiar deeseyo
of Moubs fory.
- Manerahal ny it
- Demod Afrithomaid
-Gpht hemorea.

- thymair myt.
- Lje e stivany po
-Thytemmentong collalual
4 Non- Fithatider Jind Eyt
- Sol.hor heme yjt.
*Ancurgend brie git.
(4) Trontmen of oft
 shoutd de inuelrated feem inheond apprad
2: lome singte byy thonald be encuppaled form edrraspal approda
ci Small multiecular opt showd be trated bey maloinal tnépion Contiviting blote of boot 1 eydic $6 x^{2}+$.



$r^{2}$ thon phyour poicadures
Ans 8 . Trigeminal Negnation $\rightarrow$ It 40 detined bo sudden beuplly unptaterod, sivae, bedits. Shaboing Janinoting and ricurnery, peom in the didributuon of cie ex net beandis of fift ora+lal heses.
(6) Climical folunas -
- Page-h confinad hor port it En divition af Hipminal newet - Marillang and Mandibular.
- Pitir souly comsuce the mideno
- The rain 4 of shact duation and bat for a Hes deovd
- The paroxyma bicun in cyples forch ayde appio dowe gat doses. with gach athad pom gepresers to br mox shoul.
- an extrom couse tho patien with howa is motionles fou - Thi frogen ot mode - lis Hace
(9) Manequmat $=-$ Mudiy

-Tab-Phenyhat I Dese -100 nty athor a day
- Tab- Dy marba y phatu $-1200 \mathrm{mg} / \mathrm{day}$ -
- Vaparir aus $400 \mathrm{~m} / \mathrm{Lay}$.

A. Peopprat cipetion

E Pesphenal Nustechmy (Nowe Arulition)
e. Enpreomehal neuriterny
d. Lalerit Alvolar fienelitomy

甲. Liguan neupetoma*
And Houmorrlagic ther-

1. Heomembegic theth ecum tha to los af blaed fom the brey as a rowit of irginy
 pecmou Anilf thea is recultant derraon on henger ritiven 4 remult in fall 9 ondere porpipt
3) Aprome, $10-15 \%$ of tatal Heed volume lole watil

4 It riad caceor Halondymmanir danaiyt
\& If hhod loss on not rupid. tumi metabeb


 the phemolems au inuluded.
-1 The odvarhage of the tichnigu En that vinice it
4) Triahunt -

- Replavement of flexde and hisess porliturabtepestuaien cul bmainitay of Intahment
- Legs ale devaed and fand supene.
- Pafint should be kept wame.
- Whar hacomitbege is mathe efpified
 methel to woretet.
$\theta=7$ yparg and oross mathenty of b/ood teles Ame domulipuly .

L105 Diwhetes Molllues is quite privalent and thue parinnta aue prom to hypgglucencic and huperglyeenic evento

- Heppeglyevair patient ore move common it con lop sudden and mete dondernua, inloentan Sypergbycemic evonte taker dayd at wetele In drolop-
- Lgek of Gucole f Brain reawl. in confuations. reatlesthes, headache of biganere hehoviama
- los of countiouonea due to hapenglycemar is ontrinoly tantiedy to occats
- sten or thperglycenic potients poti fluwhed and dey phiseno in hupoghyenic patients: is low, 'becoune of Hyprotemin, bhereas it may be intaraand in Hypoglypervic of
- Cuear at thpogluenta - Mised Meal.
- It Hypaghycoman in exident, it an be soadlly Lowndid by gintin ghase of touse of ong
4 Ir an uncontion patimat 25 rism at $50 \%$ dentan shoud lo gonsintetened ro. IV
- Embyphty mungement of hyporplucemte phe $\rightarrow$ In destal thinde in supportite in nohus and (y) poliest shault Le sithat to mondy minyen

Celat the whortit.

## MIDSR DENTAL COLLEGE, LATUR






$\qquad$

月4



##  <br> 

## Balsumith







 Mintinitin


 | M $_{1}$


5事5 -
17
Erhull is Hi haitest calched hizue of the tuly
 of Hir thetil

- Anterblatit pudduces of pays a vile m fomadion of thunil
$\Rightarrow$ Dhacol poppentis af enter
- Enamal is the homeit tuhtame ot the hady
$\leftarrow$ Eramel is Entif in nulame
- Cipestif grantiof omani lis.2i
- Enaind is rusistan to ndernal fures and en alen pent temp ity ihl
- Erand is dpoque hin Ealain
 loalue of thith bue cain eat hat foad matelin glen
- Its phasical natuie is af utmest impartince in fü Iff
- Choovil foptren uh Huiile
 जEtime miltit
- It maty of 4 合 rengul intiti int abla





fayit pande:
Enomell thet
Fipite lumellim:
Hinin birefte boet
- from momern of typt I ratigel chat filimporan

 trepriliet

 Air cmenkin an trail
 Her copletale ui uinil fues tive
 ulibl the cinatur in thimpt

 bly momel

The 9 types wit juctien ont
0) [e] Clematomiliua junctithl - gP type

Conentaerpent justion gap tyle is the stif las purction
H ks puestal in wollof the tret

2) Crmathenohel puntion - ilye type

In the cermett cromel etya to elge punden.
 cilge to eitge nut evtrlap vi noy gap is pistait

- Dipe tye of purniva ue preant in 4 al uf the toth

 In thic cenientirmine cuetop type of furd, centritum ciatipe the rmant
The tuple is the mant commen typt ut ctrientothamel jundtan
 the feeth

(1) Dunciple Fliws of Til
- Pencderal ligament es a bvalculor typet of tisue
- It arritat of type I and type III culigen
- The enllagercus there al firio of Colighour? buriller font tret it pinighe fibre of let
- The nitue cupfly in periactunt tighmel


The ponople fies of PE relude
5 The motaoy cirt grop of ther
4 Ahtal geth it thers
B abiaur goup of thive
(8) Intafaitiby graif of fiut
(1) Huty
 the chlque gity of -fhtit
-The criu are deo proent in promalmal loymet win 01

- yuthatic collo
- EDapter ctis
- pargenitar cilla
- Gretibat cel mif if Mallares
- Alone cell
- Wetimpary mont ort
 Burgat henicitally:
 to foradalle lfored
- Tre pondr ondampa and alim minet the intmine on primetit themat
- The alontoy ent giap of flect is: da Fandis tyeth
- thec ar the pillogena fiberning in tom +1 volita


Tifalmaf pupperpon pern in to thill 5
 3ren in Tus truber
(9) Duly al peration
(3) Hull nt otnil

1 Bditt HWtic 22n

1. Cou tie unte (hai unne)
9) पuil rith zur
(1) Cdutableti zeir (outimet xine)

- A He nome sapel thate mentain opatile

- Then edil -ar tall eclanmao la hate if that migry

Eh fell fire tane livel mong|
if tie rume suggers the to derail of any 3 y of $\mathrm{c}+14$

- Tuf 2tre is alec trituo os hecil Hene
- This zene is piplat in liegwem the

th fell with 3 ne $\square$
- Cell nith zme us promit adjocest to the cell ficezene
 glem aills, difence ofls. Wendude cils mot ectio et

2 Pine

- hiener the slelifinl toue in itie drdy Gu.l contrin. CElS.
- The oetr prilint in bate ace forbilat clevant Helearat de
Threbimt sectide thogen theres in thes funt:

Dequatitan of ther fater pace ly acte filiblast bnly
 culfutir in hute

- Cuis helpe the lione in prieper tunsturing

 comagen filyes
Two typs of tritt bie promet 1) Spangy lune

1) Lampod bene

htillinn
LA5
Whe gyte of anelahinat
 the kidy

- It cuves the eutmmest frituon at ite erown ef the twoth.
- Mimphote protures ui pluf atile in formetion $\frac{1}{}$ f indmal
- Duing tevelephont if to toolf, the thrir. enamp epiftul ect (IEA) of wand etpon inspred ath adyesed murn hamel


 mgtin of inicisal telge and sup it
- Aconiling ta their funideni \#ie He fyule if undeboyt ma le sluadrat mie it
4trye

1) Minthaido sty
a) Cugunimy trace
2) froutue stage

Ti Thermatio sifge
5) Aquatias shofe froutrame
5) Deflalitis they
(2) Meyregont sifor


- Dovir bu stoge of thoth henelspunet the arelablas litait witt adpacent muenimp Prll. tifromimy the shet if the stithenin. forthe $\begin{gathered}\text { at the }\end{gathered}$

 artar Hat alnat the the aug ky
- Thi

 ure catean thenghed oftroflom
 Pren- Itaren the noponit trile
- Nat, watedirention nugude tranedima Land wrym of cetil?
 Thlutar Ha bells




$\qquad$

ELal

Thi stuge it hemoclentey by thate in Tpfamine if ieriti endmel eptolial fodi


 fritlial And 4 bouid and


- Fal le trear at veritil p fructional plouty

 matrin fail He finl ind
 in tentiat with rulterne tiume if Hentul pirplioi *
Hente thit Hull loytr of death fuirut
turain hrght
- A tir He tomer enamb tpiphal entio

 of trater patha
- but bu th intiri bugels mamed the what busual if theliumi put utf ldeff fram the oryirl toure if montrment a. lutthen from yadel of cutir unand qitheluan (atpretr)
- Ther monial ai nothand birge M

- Hinic, the detunctiw strethon in trowatua

- trate ther Jenfor that in promid
 pothe che the plicet
= tires if entest He binetien itye brive a funative thate.

MIDSR DENTAL COLLEGE, LATUR
由TERHATM KSSEBUENT I MBHMATION
yeverch secrion-s
Pime 55
nat- 3
Mrimbin


(3) Fivinue yrge

 the dintar Inyer il liged do mon.

- Henit Hy dentim Hayte IS protamy位 $+1+1$ qnation of manal metrin


- Lifir
 Hai pluse iti vilt chemen mut ti pili



 chanel pretrat
- the Att opmed change If H1. itioly wil if a thent proces a th thiploce of inert from an Treng prese amentiont
- Herre the inerer treand rountrad meles.
 interediam.

Mathrative Hog =


- Predobinat maturetion (bull memomhantion) thin $=$ plere thinen Athe dertin mutre is deprited

- Hete the caictdel Hapief mer orimet Qituluan is chryed.
- The Hhat Hy iouph it picile Nupe al H dital rud
(5) Puiritine statig


- Hence ta proted He hore Arothey lager po fromed of op thenel
 Aeducot comee epthellum PEED
It yroleds the matron layed fithety
(9) Dementijhic jati


Muphogen thede





Supullity litage
Deamel of plonty
Revald, 7 Howith loue
frimatige stay
Fomatim of Tate ${ }^{2} / y^{2}$
Hentrinte itog

$\square$


Dunalytic itsy

NTLDHATLASSESSMLAT EMMWATOH SECTION - C
$\qquad$ 55 Dati $\qquad$ $2411=$ Im $\qquad$



 unhin.
 nawin
 phatel




 puit in onmillaty anumat



This sutten out dealluped by A dulf zegmery in 1. jor 114
 In- in luat hedivader the tuith it in I quadrent

 yyHem

- the futea is ubo churit hald if lein? fuctient dyiltm liecoure twa the cuffinal hies
- He hemantal line mperedt the morillay muralibur condig line
- The vitical lue reperts the miloggitad plone

$$
\begin{aligned}
& I \longrightarrow \text { minntay rifl } \\
& \rightarrow \text { Heailary } 41
\end{aligned}
$$

$$
\begin{aligned}
& \text { - Mandhumar leff }
\end{aligned}
$$

- the terith vie nomed by ptanty it

- The nowiry is dupared fri provif and perment theth
(ग) Trunug lictl.
- In the iustem the lect art itented
 Tis leuter at is inemper to the teath
 Ta Clo
- $41, E$ th unon to the thet


Sta fler manyle of wic ont it

 $4{ }^{2}$
(c) Femmant tecll

- In thir yutem, the tertil are rawell fin Mith of Shitry piach tig Inf nithe of mamill, of hit lue to

Wence. I I Gutared the the treth

 te $\mathrm{t}=\mathrm{m}$ mit.

Se Phe partighti if ind liuat He lenuli - He lefth \& premeset mat lan


$$
\pm 1
$$

3) casp
 gi. int ficitian of hod mithin a Alulinal patt of ralinal aythirel



- Formand $\|^{t}$ melon late odratimalariming tup tr patada itulart tacunat Ciy of comdela


Fige

- Aridar is and fincus rliadm wn the ruifate of chactif

- $n$ If nid +ft |

1 - Burat indy
9 Abrginal midy
3 Timogular notye
4. Truminse indyc.

1 Othane ing.


GHELE

- 4 decebpriented ancove it a thaller gures of linte wheh marks the juinan of priogy parts
- I supplimentsh porat, las dilued is ale 0 siouta thief eponin. hat it

 pouts





Tiflempor grky
Bit

- Dit are nall pin pcint depiesilions pricut at the diefth of deythprent hroud Theried Juifo devtipmeet and cedidify nuluds ant the plap fom the grome
- $\mathrm{A} /$ it the delfat poition of ftra.
- ho ohe provet an foen of patiur

e a dictad pt
- "ungial pr

Hinich yrit ut pelmmont inclious

 bundebibi whet Thu $=4 \mathrm{~g}$

 Hhe it inourrmit
 quite nous difuily




 4. lerig then indretiliflot intith intuctr

- Fush Hi/por if feri Emutn He waylloy 1 mint
i) $H$ isurul intgr ti promenct





MIDSR DENTAL COLLEGE．LATUR．
$\qquad$

SECTIION－C

 $\qquad$ 15 $\qquad$ Defe $\qquad$国相 Tin $\qquad$

puetal noultin $\qquad$ iumalicius


Amprane om－an！
 $\qquad$



4－
if gut in Het puition of toith $\pm$ 年，


3 Anoutrith itchit
 fy bemel oral li mit hilite in tha mont
 enplear 1 n nil


 phalcal 4estmin thath．

- Aristrncal brat

 If cruered Iy cementirn


$\rightarrow$ Rhruta irmat
- Butert the ernar bitch il uivibe lo





 Hent plition of toull il alie thepoted it rrom mavity
+7) Montal met
 cuet craty

 4




$$
\#, m=
$$

LA4
 cin equty

- Dutho rate alor bjum oo conct tany of fut
o formay abs guve orithetic vertae
- Mr-H chame proret an poch Grah $11 y^{2}$.
- mpter pert il phat in caupe
 frandur i-1 mule
A Age of empden $11=72$ grs
nit inm




$=$ Ctatsturit






it flut trent
 Find Fipi flym it sinder Hun clitul +4; III!






 -valltin hulut


4 4



Sunal Mie it Atrper
 loby-ligened athatra.
pmotedintal thpe is kat momi funded
 tevinded
Fatal tonteind matiguad oidgal caney anntit

2 ha





Halley stan

Give- 18


Edge te age type RI Pramill unwind pun')

5 Cl 3

Gomel fuyt


SH-H

lulp fours

Wull -35

A 6) The toith is manduala iminal novic Cugt Irupten $\quad C=7$ yis
In朝
(1) Set tratt indser.
 luader then de acheth trrater

- Atrmanent motarg a'C polial blate 4 4ruidure Thute asc tive 7Yor
(1) 140e ynat


- Euptin abio pua depurud
- nutarim if diftent jor eruh tett
(5) han trat
- Prumilital is long tit
 waydith infill.
(6) Elan tot
eve If one the te melmi protidin fore mern theng, ore sulf

(5) Sule idelatinaton
- ILe re- Aepanion il taver wostal wite thm on dial inte
FThe crown it wore turitra
$14100=54$
 Enytrm $=4.2 y+$

1 it lal

 Le doudum timings alt opitque
(4) Univasal niteमim if duptiett, tor (\#) Type tuat

- tug lepe tow oy ong the canime ?

19 (n) 14



- Erigulum it plient
(1) 19 lich tout
- ityonthw noudye kout is laljes
- Narfiral vidye ave prominet.

Def inguri jogaf is jrmol
4 Ita detamanal
 side Orifel monginal lime ore howien- E +4"y


[^0]:    
     $3+\frac{1}{2}+\frac{1}{2}$
    
    
     $\square+$

