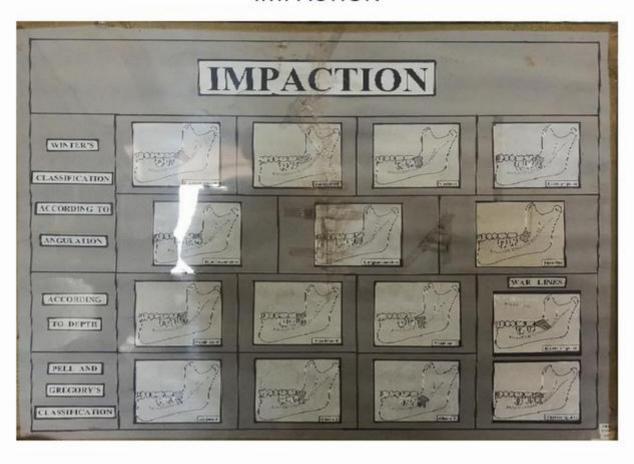
PHD POSTERS 2016-2017

PATIENTS INSTRUCTION AFTER PERIODONTAL SURGERY



IMPACTION



CLASSIFICATION OF TOOTH PREPRATION

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Definition: Tooth preparation is the mechanical alteration of a defective, injured or diseased tooth to receive a restorative material that re-establishes a healthy state for the tooth including esthetic corrections where indicated and normal form and function.

Introduction:-Classification of tooth preparation according to anatomic areas involved and by the associated type of treatment was presented by Greene Vardiman Black.

And is designed as class-1, class-2, class-3, class-5, class-6. The altered preparation designs are referred to as

- (1) Beveled conventional preparations
- (2) Modified preparations

CLASS-1
Restorations:
All pit and fissure restorations are class 1 and they are assigned to three groups:
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thirds of the

facial and lingual

surfaces of molars.

(3) Restoration

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of maxillary incisors.



CLASS-2 Restorations: These are restorations on the proximal surfaces of posterior teeth



CLASS 5 Restorations: Restorations on the glogical third of the facial or lingual



CLASS-3 Restorations:
Restorations on the
proximal surfaces of
auterior teeth that do
not involve the incisal
angle .



CLASS-6 Restorations-Restorations on the incisal edge of anterior teeth or the occlusal cusp heights of posterior feeth



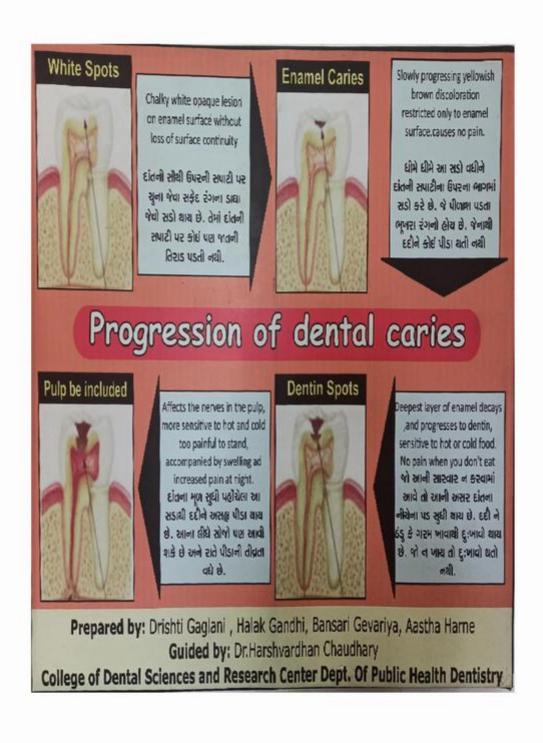




FORM TRUTA BELLIEFTA

2nd year (2016-2019)

PROGRESSION OF DENTAL CARIES



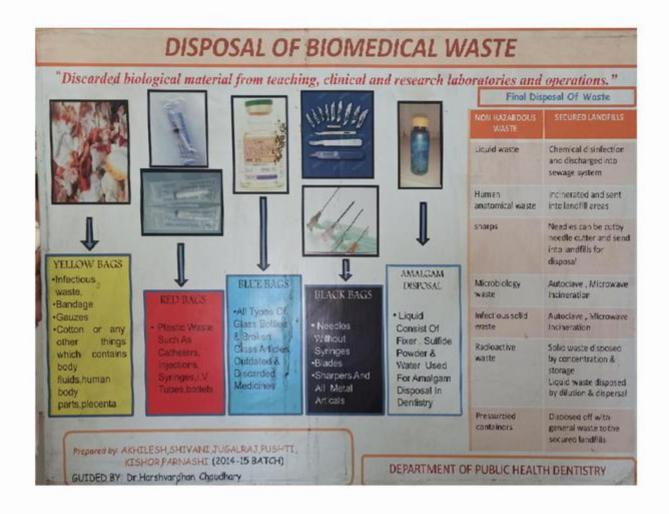
BIOTERRORISM



DISADVANTAGE OF TOOTH LOSS

DISADVANTAGES OF TOOTH LOSS (દાંત ગુમાવવાથી થતા ગેરફાયદાઓ) DRIFTING: ગુમાવેલા દાંતની જગ્યાએ આગળનો અથવા પાછળનો દાંત ઢળી જવો ચાવવામાં તકલીક થડવી 1. LOSS OF MASTICATORY EFFICIENCY: દાંત ગુમાવવાદ, તેની અગળ દોતનું મુખ્ય કામ ખેરાકને Mesial/distal drifting occurs Major function of teeth is mastication. અકવ્ય પામળની દાંત હવી જાય છે જેના લીધે ચોક્કું બનાવવામાં યાવવાનું છે. જેમાં દાંત ગુમાવવાથી પછી જ તાલીફ પડે છે. Loss of teeth results in to poor due to loss of tooth causing masticatory efficiency. difficulty in fabrication તકલીક પડે છે. of denture. 7. SUPRAERUPTION: ઉપરની દાંત નીચે તરક અદ્યવા નીચેની દાંત ઉપર તરક જવો 2. ESTHETICS: MIR EMIC દાત ગુમાની દેવાના કરણે વિરુધ્ય દિશામાં રહેલો દાત વધુ પડતો જડબાની બારર અવી જાય છે જે ચોક્કું બનાવવામાં અગળના દાંત ગુપાવવાથી થફેરાનો બાદ દેખાવ ઘરાબ દેખાવા ભાગે છે. Due to lass of tooth apposite Poor aesthetic appearance due to Tooth supraerupts causing loss of teeth, especially in anterior difficulty in making of denture. teeth. हेली अब्रे हे બોલવામાં તકલીફ પડવી 3. PSYCHOLOGICAL DISTURBANCE: માનસિક તકલીકો 8. DIFFICULTY IN SPEECH: નાની ઉપરમાં જ દોત ગુમાવા પાર્ક માણક માનુકિક તરાવમાં કેટલાક ઉચ્ચારો કરવા માટે જીવને દાંત ઉપર અડદાવી પડે છે.દાંત Psychologically, depression occurs Certain pronunciations are गुमाववाधी जीलवामं तक्ष्मी पडे है. due to loss of teeth in early age. Done by touching tangue to seeth, loss of teeth creates Problems in speaking. पात आदी को है. **४८**लाना साधाना हःआवी सड़े शयानी शड्यताओ 9. JOINT PAIN 4. RISK OF CARIES: संत गुभवा पति में संतनी दावी भवर पड़िश्च से सेवा लांजा समयधी उपरना अने After loosing natural teeth, patient Long term occluse! नीचेना हाताने संपर्क पत्ते खेळाडी पड़काना संपानी इञ्चली साथ है. has gap in the lost teeth's place, disharmony causes pain & that causes food lodgement discomfort to the TMU. & caries development. **४**ऽमाना शाऽधारां प्रशासे **ग्र**वी 10. MAXILLARY SINUS FNEUMATISATION 5. RESORPTION (LOSS) OF ALVEOLAR BONE: ઉપરમાં દાંત ગુખ વર્ધ છે જડાતની ઉપર રહેવું કરાનું કારની પોલાશભાગમાં મીચેને તરફ આવી જાય છે જેશે પોલાવાને ઈત્તેકશમ અપની શક્તાઓ વર્ધ જાર છે. After complete tooth loss, alveolar Oue to loss of manillary teeth, हाता ते हैन कामारी स्वय पार्वा क्रम है भने सड़ानी पहेंगाई भने क्रमारी स्वय COLLEGE OF DENTAL SCIENCES & RESEARCH CENTRE DEPARTMENT OF PUBLIC HEALTH DENTISTRY GUIDED BY- DR. HANSHYARDHAN CHAUDHAN MADRI PATEL HETAL PATEL CHAVAL PATEL DIPAK PATEL, IYEAR - 2016-2017

DISPOSAL OF BIOMEDICAL WASTE



REMOVEABLE PARTIAL DENTURE

RPD = REMOVABLE PARTIAL DENTURE

RPD meaning removable partial denture which can be removed at patient's will.

Indications:

- 1. Young age group patient (till 17 year of age)
- 2. Multiple edentulous spaces
- 3. Teeth with short clinical crowns
- 4. Long edentulous spaces
- 5. Patients with emotional problem
- 6. For economic reason.

Contraindications:

- 1. Allergy to acrylic material
- 2. Cannot be used in Handicapped Patients
- 3. Flabby ridge
- 4. Patients with large tongue
- 5. Poor oral hygiene

Advantages:

- 1. Prevent migration of adjacent teeth
- 2. No need to alter adjacent teeth
- 3. Used in compromised edentulous spaces
- 4. Provide good vertical support

Disadvantage:

- 1. Resorption of underlying mucosa
- 2. Irriation of underlying mucosa
- 3. Clasp of denture causes demineralization of enamel of adjacent teeth
- 4. Allergy of material











RPD એટલે દર્દીના અનુસાર કાઢી શકાય એવું અડધુ ચોક્ઠું

हपयोग :

- ૧. નાની ઉમરના દર્દી (૧૭ વર્ષ સુધી)
- ર. ઘણા બધા ખુટતાં દાંતની જગ્યા માટે
- 3. મોઢામાં રહેલા નાના દાંત માટે
- ૪. મોઢામાં લાંબી દાંત વગરની જગ્યામાં
- પ. દર્દીના મોઢાના સૌંદર્ધ માટે
- દ. આર્થિક રીતે

ઉપયોગ ક્યાં ન કરવો.

- ૧. જેને એકેલીક મટીરીયલ્સની એલર્જી હોય
- ર. શારિરીક વિકલાંગ દર્દી તથા માનસિક દર્દી
- ૩. જે લોકોનું જડબાનું હાડકું વસાઈ ગયું હોય
- ૪. જેને મોટી જીભ હોય
- પ મોઢાની ધળજી જે ન ગાંખી શકે

કાયદો :

- ૧. બાજુના દાંતને પોતાની જગ્યા પરથી ખસતા રોકે
- ર. બાજુના દાંતને વસવો ન પડે
- 3. તેનો ઉપયોગ વધઘટ થયેલી જગ્યામાં થઈ શકે છે.
- ૪. ચોકઠાની બરાબર ઉંચાઈ રાખવામાં મદદરૂપ થાય

गेरङायहाः

- ૧. જડબાના હાડકા ગળાય જાય
- ર, મોઢાની અંદર રહેલી ચામડીને નુકશાનદાયક છે
- 3. ચોકઠાના રહેલ ક્લાસ્ય બાજુનાં દાંતના રહેલ ઈનેમલ (દાંતની બહારનું આવરલ)ના તત્વને ઓછુ કરે છે.
- ૪. મટીરીયલ્સની એલર્જા

COLLEGE OF DENTAL SCIENCES & RESEARCH CENTRE

(DEPARTMENT OF PUBLIC HEALTH DENTISTRY) Guided by : Dr. Harshvardhan Chaudhary

- · Valay A. patel · Vishva Y. Patel
- . Vishva H. Patel . Shailee Patil (Final Year B.D.S. - 2016-17)

RECENT ADVANCEMENT IN DENTISTRY



GREEN TEA IN DENTISTRY



RURAL ORAL HEALTH PROGRAMS



ANTI MICROBIAL RESISTANCE



BIOMEDICAL WASTE MANAGEMENT

Category	Waste Category	Treatment
Category 1	Human anatomical waste (Human tissues, organs, body parts)	Incineration/ Deep buri
Category 2	Animal Waste (Animal tissues, organs, body parts carcasses, bleeding parts, fluids, blood and experimental animals used in research, waste generated by veterinary hospitals colleges, discharge from hospital, animal house)	Incineration/Deep buri
Category 3	Microbiology and biotechnology waste (Waste from laboratory cultures, stocks or specimens of micro- organisms, live or attenuated vaccines, human and animal cell culture used in research and infectious agents from research and industrial laboratories, waste from production of biologicals, toxins, dishes and devices and for transfer of cultures)	Local autoclaving/ Microwaving/Incinerati
Category 4	Waste sharps (Needles, syringes, scalperr, blades, class etc. that may cause puncture and cuts. This includes buttureed and unused sharps)	Disinfection (chemical treatment/ autoclaving/ microwaving and mutilation shredding)
Category 5	Discarded medicine and cytotoxic drugs [Wastes compilating of but dated, bontaminated and discarded medicines?]	Incineration destruct or and drugs disposal in secured landfills
Category 6	Solid waste (Items conteminated with blood and fluids including cotton, dresungs, soiled plaster casts, linen, beddings, other material contaminated with blood)	Interestion autoclaving microwaving
Category 7	Solid waste (Waste generated from disposable items office (than the waste sharps such as tubing, catheters, introvenous sets etc.)	Disinfection by chemical treatment autoclaving/ microwaving and mutitation/shredding
Category 8	Liquid waste [Waste penerated from laboratory and washing, blooming, housekeeping and disinfecting activities]	Disinfection by chemical treatment, and discharge into drains
Category 9	Incineration ash (Ash from incineration of any bio-medical wester)	Disposal in municipal landfil:
Category 10	Chemicals used in production of biological, chemicals used in disinfection, as insect cides, atc.	Chemical treatment and discharge into drains for liquids and secured land for solics.

ORTHOPENTMOGRAM

ORTHOPANTOMOGRAM (OPG)

A Panoramic imaging is a technique for producing a single tomographic image of the facial structures that includes both the maxillary and mandibular dental arches and their supporting structures"

INDICATIONS	ADVANTAGES	DISADVASTAGES
As a substitute for full mouth IOPA.	Broad coverage of facial bones and teeth.	Areas of diagnostic interest outside the focal trough are poorly visualized.
To detect fracture in mandible and middle third of the face.	Low patient radiation dose.	Radiograph is of poor quality in terms of magnification, geometric discortion and loss of detail.
To investigate TMJ dysfunction.	Convenience of examination.	No. of radio opaque and radio bacent areas may be present due to super imposition of real or ghost mages.
To study antrum.	Use in patients unable to open the mouth.	Caries are not detected.
To determine orthodontic and Periodontic Problems.	Short time is required to make the image.	Actifacts are misinteepretated.
To determine site and size of cysts, tumors, etc.	They are useful in patient education and case presentation.	Cost of machine is high.







Taxon San Control Cont

QUACKERY-QUACKS IN DENTISTRY

DENTAL QUACK : An untrained person who practices dentistry fraudulently. QUACKERY: "A pretender to medical skill ,a charlatan and one who talks pretentiously without sound

knowledge of the subject discussed."

REASONS: High cost of dental treatment, illiteracy, lack of awareness, poor accessibility to dental clinics, insufficient number of qualified dental surgeons.

TREATMENTS DONE BY QUACKS



with acrylic resin



Class II acrylic restoration done in first molar



with porytic resin & wire



Quack trimming a tooth on a rusty hand file



Denture with a suction disc

COMPLICATIONS



erting denture with bare hands causes infection





Excessive bleeding after



Swelling of cheek & infection after extraction



Scarring of tissue in suction disk region

SOLUTIONS:

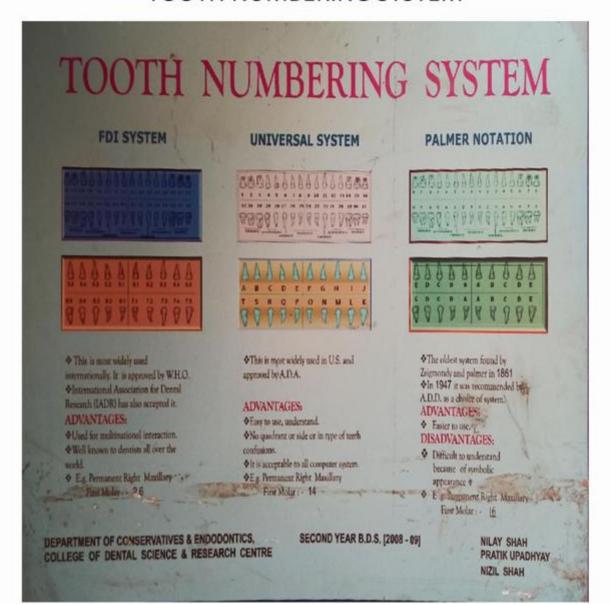
- Mobilization of qualified doctors Improvise infrastructure.
- to the rural areas.
- Constant surveillance.
- Make strict anti quackery laws.
- Increase public awareness.

DEPARTMENT OF PUBLIC HEALTH DENTISTRY

GUIDED BY DR.HARSHVARDHAN CHAUDHARY

MADE BY: SHARANYA CHANDRASHEKHAR, SIDDHI SHAH, RESHMA SAVAT, MAITRI SHAH, SRUSHTI SHAH, MAHAMMED SHAIKH

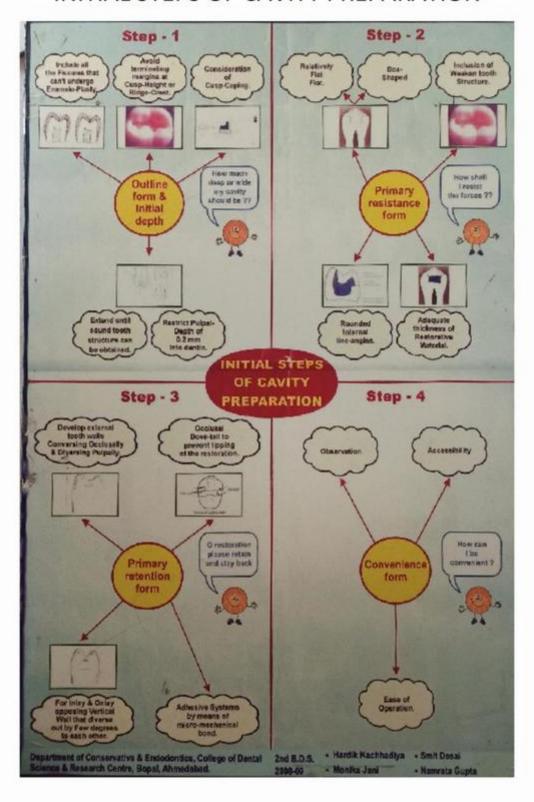
TOOTH NUMBERING SYSTEM



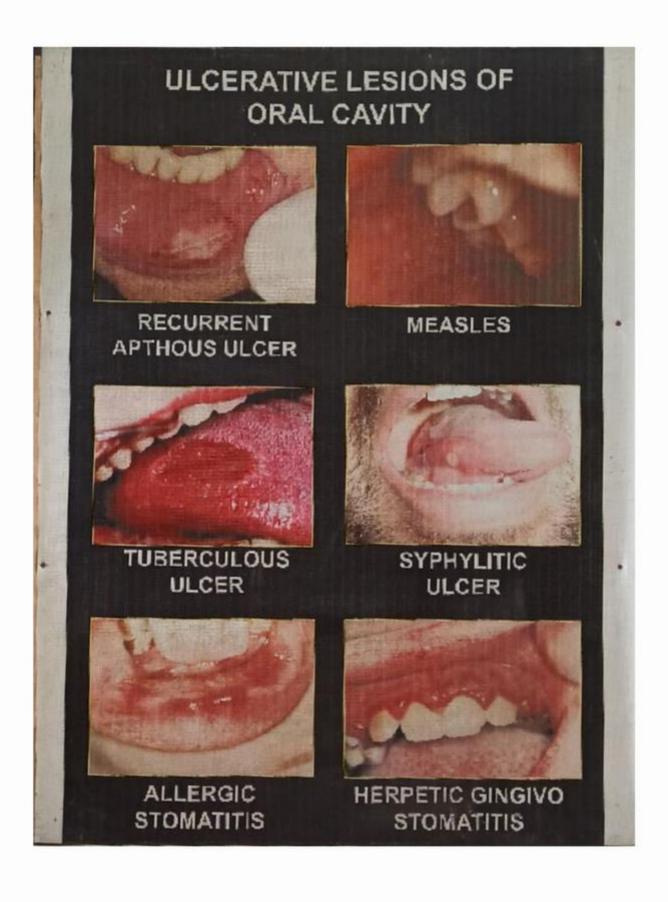
CONSEQUENCES OF HIGH AND LOW VERTICAL DIMENSION

CONSEQUENCES OF HIGH AND LOW VERTICAL DIMENSIONS HIGH VERTICAL DIMENSION LOW VERTICAL DIMENSION · Increased trauma to denture bearing area. Comparatively decreased trauma to denture bearing area. · . Check biting. Angular chelitis. Difficulty in swallowing and speech. · Difficulty in swallowing. Pain and clicking in the Temporomandibular Pain, clicking, discomfort of Temporomandibular ioint joint accompanied by neuralgia. Discomfort and annoyance to the patient. Obstruction of the Eustachian tube due to elevation of soft palate due to elevation of tongue/mandible. Decreased volume or cubical space of oral cavity, with decreased lower facial height and loss of increased volume or cubical space of oral cavity, with increased lower facial height and increased muscle tone muscle tone Ridge resorption is more Loss of lip fullne · Clicking of teeth. Corners of mouth are turned down. Rapid wear of acrylic teeth Thinning of the vermilion borders of the lip. SECOND YEAR B.D.S. (2008-09) DEPARTMENT OF PROSTHODONTICS COLLEGE OF DENTAL SCIENCE AND RESEARCH CENTRE AMMEDABAD NILAY SHAH PRATIK UPADHYAY NIZIL SHAH SHEEKHA SHAM

INITIAL STEPS OF CAVITY PREPARATION



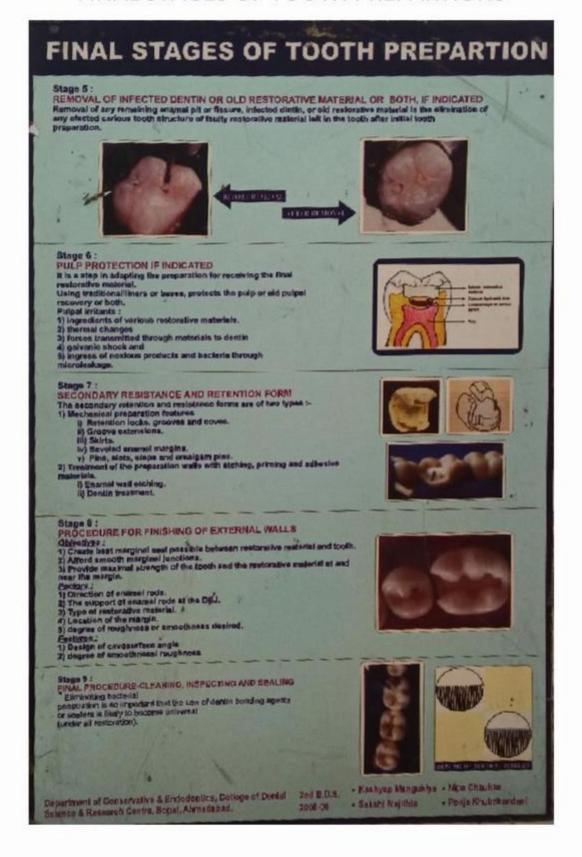
ULCERATIVE LEASIONS OF ORAL CAVITY



DENTAL PRACTICE MARKETING



FINAL STAGES OF TOOTH PREPARTIONS



COMPOSITE

COMPOSITE



તુટેલા દાંતની સારવાર માટે For the restoration of fractured teeth



દાંતના રંગના વિશ્લેન્ટ પુરવા To fill carious teeth



પીળા થયેલા દાંતને સફેદ કરવા માટે To treat discoloration of teeth and for esthetic purpose



દાંતના ઊંડા ખાડામાં સડો થતો અટલવવા For prevention of caries

Prepared by: Devanshi Shah, Jainy Sheh, Mauli Shah, Misha Shah Guided by: Dr. Harshvardhan Chaudhary

DEPARTMENT OF PUBLIC HEALTH DENTISTRY

COLLEGE OF DENTAL SCIENCES AND RESEARCH CENTRE





ચાંદી કરતા કમ્પોઝીટ દેખાવમાં દાંતનાં રંગ જેવું લેવાથી વધારે સાર દેખાવ છે Composites are esthetically better than amalgam





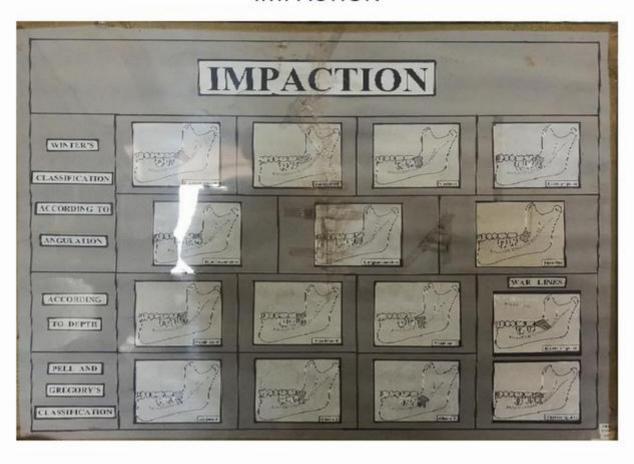
દોતની વચ્ચેની જગ્યા પુરવા To cover space between two teeth

PHD POSTERS 2017-2018

PATIENTS INSTRUCTION AFTER PERIODONTAL SURGERY



IMPACTION



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thirds of the facial and lingual surfaces of molars. (3) Restoration on lingual surface of maxillary incisors.



CLASS-2 Restorations These are restorations on the proximal surfaces of posterior teeth



CLASS-3 Restorations:-Restorations on the proximal surfaces of anterior teeth that do not involve the incisal angle.



CLASS-4 Restorations: Restorations on the proximal surfaces of anterior teeth that do involve incisal angle.



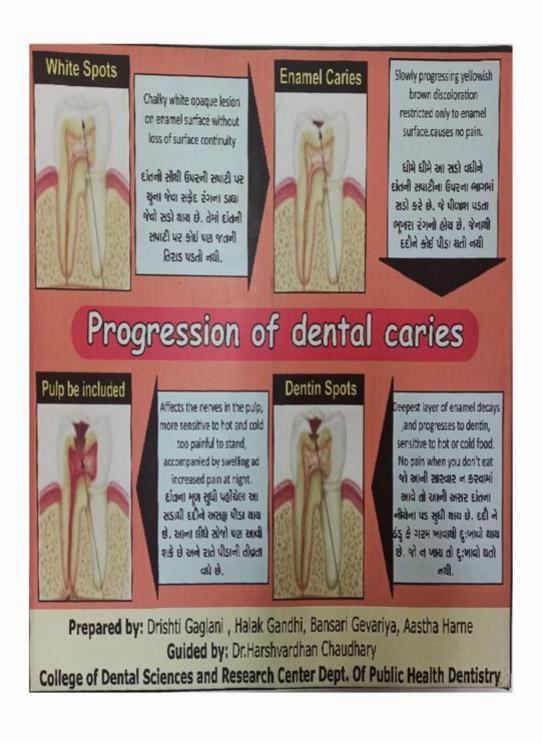
CLASS-5 Restorations gingival third of the facial or lingual surfaces of all teeth.



FOOD RESSESS BARRE KARRE SHAPE LOWING THE REAL PROPERTY

2nd year (2010-2019)

PROGRESSION OF DENTAL CARIES



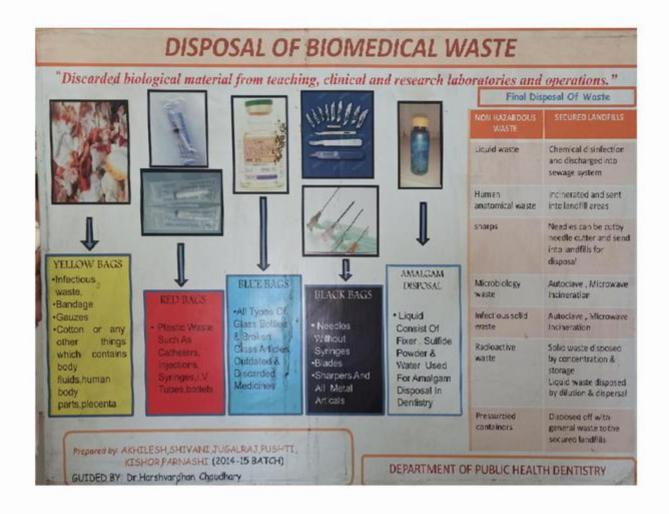
BIOTERRORISM



DISADVANTAGE OF TOOTH LOSS

DISADVANTAGES OF TOOTH LOSS (દાંત ગુમાવવાથી થતા ગેરફાયદાઓ) DRIFTING: ગુમાવેલા દાંતની જગ્યાએ આગળનો અથવા પાછળનો દાંત ઢળી જવો ચાવવામાં તકલીક થડવી 1. LOSS OF MASTICATORY EFFICIENCY: દાંત ગુમાવવાદ, તેની અગળ દોતનું મુખ્ય કામ ખેરાકને Mesial/distal drifting occurs Major function of teeth is mastication. અકવ્ય પામળની દાંત હવી જાય છે જેના લીધે ચોક્કું બનાવવામાં યાવવાનું છે. જેમાં દાંત ગુમાવવાથી પછી જ તાલીફ પડે છે. Loss of teeth results in to poor due to loss of tooth causing masticatory efficiency. difficulty in fabrication તકલીક પડે છે. of denture. 7. SUPRAERUPTION: ઉપરની દાંત નીચે તરક અદ્યવા નીચેની દાંત ઉપર તરક જવો 2. ESTHETICS: MIR EMIC દાત ગુમાની દેવાના કરણે વિરુધ્ય દિશામાં રહેલો દાત વધુ પડતો જડબાની બારર અવી જાય છે જે ચોક્કું બનાવવામાં અગળના દાંત ગુપાવવાથી થફેરાનો બાદ દેખાવ ઘરાબ દેખાવા ભાગે છે. Due to lass of tooth apposite Poor aesthetic appearance due to Tooth supraerupts causing loss of teeth, especially in anterior difficulty in making of denture. teeth. हेली अब्रे हे બોલવામાં તકલીફ પડવી 3. PSYCHOLOGICAL DISTURBANCE: માનસિક તકલીકો 8. DIFFICULTY IN SPEECH: નાની ઉપરમાં જ દોત ગુમાવા પાર્ક માણક માનુકિક તરાવમાં કેટલાક ઉચ્ચારો કરવા માટે જીવને દાંત ઉપર અડદાવી પડે છે.દાંત Psychologically, depression occurs Certain pronunciations are गुमाववाधी जीलवामं तक्ष्मी पडे है. due to loss of teeth in early age. Done by touching tangue to seeth, loss of teeth creates Problems in speaking. पात आदी को है. **४८**लाना साधाना हःआवी सड़े शयानी शड्यताओ 9. JOINT PAIN 4. RISK OF CARIES: संत गुभवा पति में संतनी दावी भवर पड़िश्च से सेवा लांजा समयधी उपरना अने After loosing natural teeth, patient Long term occluse! नीचेना हाताने संपर्क पत्ते खेळाडी पड़काना संपानी इ.कावी साथ है. has gap in the lost teeth's place, disharmony causes pain & that causes food lodgement discomfort to the TMU. & caries development. **४**ऽमाना शाऽधारां प्रशासे **ग्र**वी 10. MAXILLARY SINUS FNEUMATISATION 5. RESORPTION (LOSS) OF ALVEOLAR BONE: ઉપરમાં દાંત ગુખ વર્ધ છે જડાતની ઉપર રહેવું કરાનું કારની પોલાશભાગમાં મીચેને તરફ આવી જાય છે જેશે પોલાવાને ઈત્તેકશમ અપની શક્તાઓ વર્ધ જાર છે. After complete tooth loss, alveolar Oue to loss of manillary teeth, हाता ते हैन कामारी स्वय पार्वा क्रम है भने सड़ानी पहेंगाई भने क्रमारी स्वय COLLEGE OF DENTAL SCIENCES & RESEARCH CENTRE DEPARTMENT OF PUBLIC HEALTH DENTISTRY GUIDED BY- DR. HANSHYARDHAN CHAUDHAN MADRI PATEL HETAL PATEL CHAVAL PATEL DIPAK PATEL, IYEAR - 2016-2017

DISPOSAL OF BIOMEDICAL WASTE



REMOVEABLE PARTIAL DENTURE

RPD = REMOVABLE PARTIAL DENTURE

RPD meaning removable partial denture which can be removed at patient's will.

Indications:

- 1. Young age group patient (till 17 year of age)
- 2. Multiple edentulous spaces
- 3. Teeth with short clinical crowns
- 4. Long edentulous spaces
- 5. Patients with emotional problem
- 6. For economic reason.

Contraindications:

- 1. Allergy to acrylic material
- 2. Cannot be used in Handicapped Patients
- 3. Flabby ridge
- 4. Patients with large tongue
- 5. Poor oral hygiene

Advantages:

- 1. Prevent migration of adjacent teeth
- 2. No need to alter adjacent teeth
- 3. Used in compromised edentulous spaces
- 4. Provide good vertical support

Disadvantage:

- 1. Resorption of underlying mucosa
- 2. Irriation of underlying mucosa
- 3. Clasp of denture causes demineralization of enamel of adjacent teeth
- 4. Allergy of material











RPD એટલે દર્દીના અનુસાર કાઢી શકાય એવું અડધુ ચોક્ઠું

हपयोग :

- ૧. નાની ઉમરના દર્દી (૧૭ વર્ષ સુધી)
- ર. ઘણા બધા ખુટતાં દાંતની જગ્યા માટે
- 3. મોઢામાં રહેલા નાના દાંત માટે
- ૪. મોઢામાં લાંબી દાંત વગરની જગ્યામાં
- પ. દર્દીના મોઢાના સૌંદર્ધ માટે
- દ. આર્થિક રીતે

ઉપયોગ ક્યાં ન કરવો.

- ૧. જેને એકેલીક મટીરીયલ્સની એલર્જી હોય
- ર. શારિરીક વિકલાંગ દર્દી તથા માનસિક દર્દી
- ૩. જે લોકોનું જડબાનું હાડકું વસાઈ ગયું હોય
- ૪. જેને મોટી જીભ હોય
- પ મોઢાની ધળજી જે ન ગાંખી શકે

કાયદો :

- ૧. બાજુના દાંતને પોતાની જગ્યા પરથી ખસતા રોકે
- ર. બાજુના દાંતને વસવો ન પડે
- 3. તેનો ઉપયોગ વધઘટ થયેલી જગ્યામાં થઈ શકે છે.
- ૪. ચોકઠાની બરાબર ઉંચાઈ રાખવામાં મદદરૂપ થાય

गेरङायहाः

- ૧. જડબાના હાડકા ગળાય જાય
- ર, મોઢાની અંદર રહેલી ચામડીને નુકશાનદાયક છે
- 3. ચોકઠાના રહેલ ક્લાસ્ય બાજુનાં દાંતના રહેલ ઈનેમલ (દાંતની બહારનું આવરલ)ના તત્વને ઓછુ કરે છે.
- ૪. મટીરીયલ્સની એલર્જા

COLLEGE OF DENTAL SCIENCES & RESEARCH CENTRE

(DEPARTMENT OF PUBLIC HEALTH DENTISTRY) Guided by : Dr. Harshvardhan Chaudhary

- · Valay A. patel · Vishva Y. Patel
- . Vishva H. Patel . Shailee Patil (Final Year B.D.S. - 2016-17)

RECENT ADVANCEMENT IN DENTISTRY



GREEN TEA IN DENTISTRY



RURAL ORAL HEALTH PROGRAMS



ANTI MICROBIAL RESISTANCE



BIOMEDICAL WASTE MANAGEMENT

Category	Waste Category	Treatment
Category 1	Human anatomical waste (Human tissues, organs, body parts)	Incineration/ Deep buri
Category 2	Animal Waste (Animal tissues, organs, body parts carcasses, bleeding parts, fluids, blood and experimental animals used in research, waste generated by veterinary hospitals colleges, discharge from hospital, animal house)	Incineration/Deep buri
Category 3	Microbiology and biotechnology waste (Waste from laboratory cultures, stocks or specimens of micro- organisms, live or attenuated vaccines, human and animal cell culture used in research and infectious agents from research and industrial laboratories, waste from production of biologicals, toxins, dishes and devices and for transfer of cultures)	Local autoclaving/ Microwaving/Incinerati
Category 4	Waste sharps (Needles, syringes, scalperr, blades, class etc. that may cause puncture and cuts. This includes buttureed and unused sharps)	Disinfection (chemical treatment/ autoclaving/ microwaving and mutilation shredding)
Category 5	Discarded medicine and cytotoxic drugs [Wastes compilating of but dated, bontaminated and discarded medicines?]	Incineration destruct or and drugs disposal in secured landfills
Category 6	Solid waste (Items conteminated with blood and fluids including cotton, dresungs, soiled plaster casts, linen, beddings, other material contaminated with blood)	Intineration autoclaving microwaving
Category 7	Solid waste (Waste generated from disposable items office (than the waste sharps such as tubing, catheters, introvenous sets etc.)	Disinfection by chemical treatment autoclaving/ microwaving and mutitation/shredding
Category 8	Liquid waste [Waste penerated from laboratory and washing, blanning, housekeeping and disinfecting activities]	Disinfection by chemical treatment, and discharge into drains
Category 9	Incineration ash (Ash from incineration of any bio-medical wests)	Disposal in municipal landfil:
Category 10	Chemicals used in production of biological, chemicals used in disinfection, as insect cides, atc.	Chemical treatment and discharge into drains for liquids and secured land for solics.

ORTHOPENTMOGRAM

ORTHOPANTOMOGRAM (OPG)

A Panoramic imaging is a technique for producing a single tomographic image of the facial structures that includes both the maxillary and mandibular dental arches and their supporting structures"

INDICATIONS	ADVANTAGES	DISADVASTAGES
As a substitute for full mouth IOPA.	Broad coverage of facial bones and teeth.	Areas of diagnostic interest outside the focal trough are poorly visualized.
To detect fracture in mandible and middle third of the face.	Low patient radiation dose.	Radiograph is of poor quality in terms of magnification, geometric discortion and loss of detail.
To investigate TMJ dysfunction.	Convenience of examination.	No. of radio opaque and radio bacent areas may be present due to super imposition of real or ghost mages.
To study antrum.	Use in patients unable to open the mouth.	Caries are not detected.
To determine orthodontic and Periodontic Problems.	Short time is required to make the image.	Actifacts are misinteepretated.
To determine site and size of cysts, tumors, etc.	They are useful in patient education and case presentation.	Cost of machine is high.







Taxon San Control Cont

QUACKERY-QUACKS IN DENTISTRY

DENTAL QUACK : An untrained person who practices dentistry fraudulently. QUACKERY: "A pretender to medical skill ,a charlatan and one who talks pretentiously without sound

knowledge of the subject discussed."

REASONS: High cost of dental treatment, illiteracy, lack of awareness, poor accessibility to dental clinics, insufficient number of qualified dental surgeons.

TREATMENTS DONE BY QUACKS



with acrylic resin



Class II acrylic restoration done in first molar



with porytic resin & wire



Quack trimming a tooth on a rusty hand file



Denture with a suction disc

COMPLICATIONS



erting denture with bare hands causes infection





Excessive bleeding after



Swelling of cheek & infection after extraction



Scarring of tissue in suction disk region

SOLUTIONS:

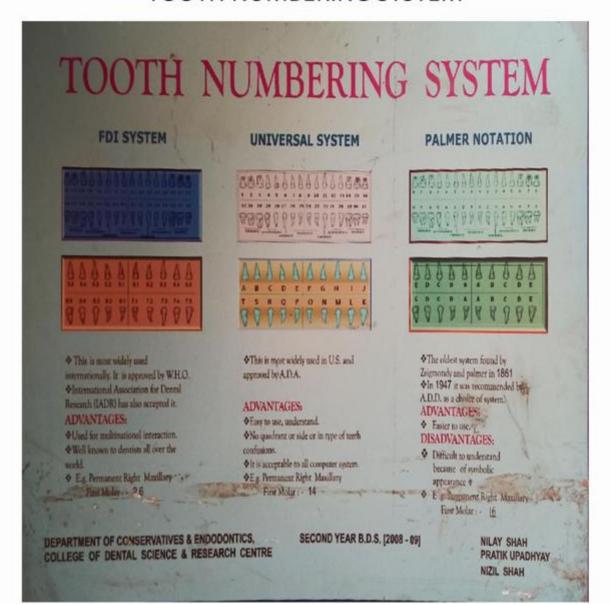
- Mobilization of qualified doctors Improvise infrastructure.
- to the rural areas.
- Constant surveillance.
- Make strict anti quackery laws.
- Increase public awareness.

DEPARTMENT OF PUBLIC HEALTH DENTISTRY

GUIDED BY DR.HARSHVARDHAN CHAUDHARY

MADE BY: SHARANYA CHANDRASHEKHAR, SIDDHI SHAH, RESHMA SAVAT, MAITRI SHAH, SRUSHTI SHAH, MAHAMMED SHAIKH

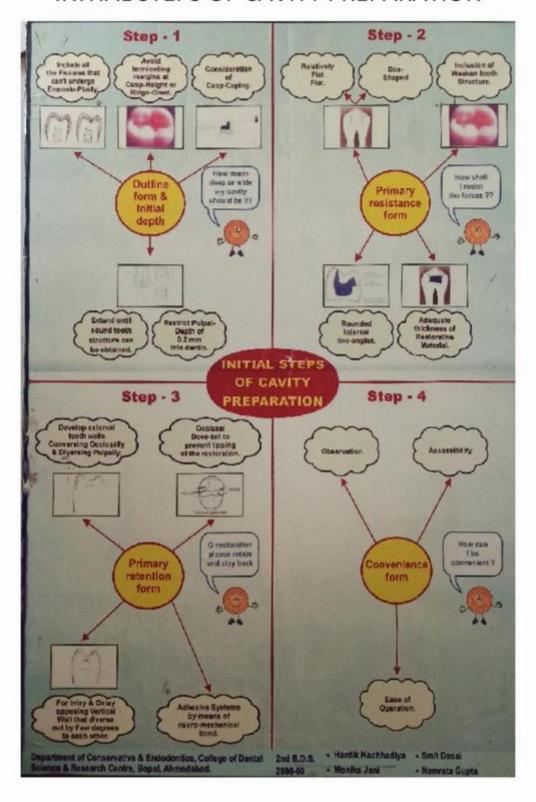
TOOTH NUMBERING SYSTEM



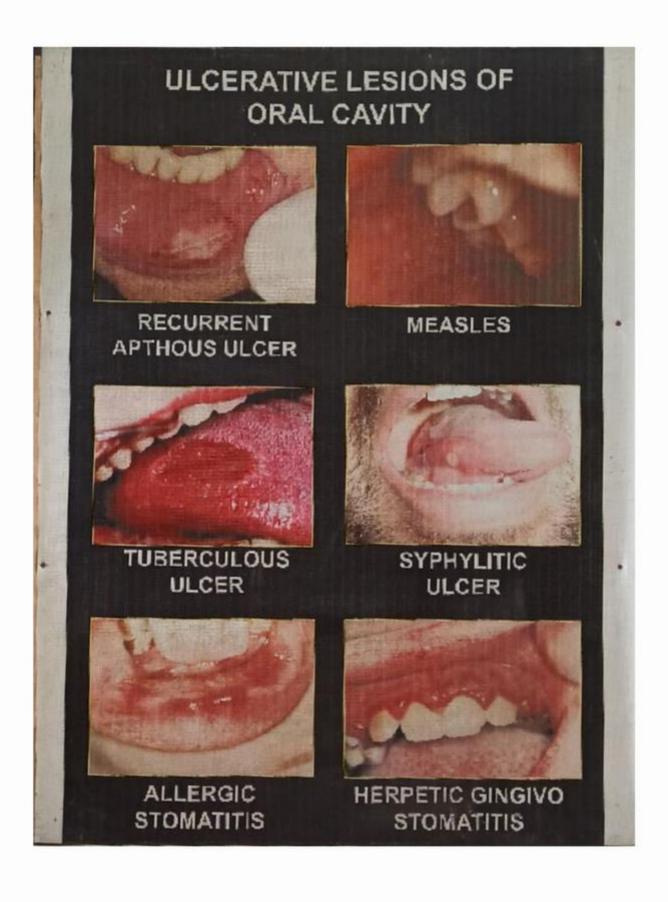
CONSEQUENCES OF HIGH AND LOW VERTICAL DIMENSION

CONSEQUENCES OF HIGH AND LOW VERTICAL DIMENSIONS HIGH VERTICAL DIMENSION LOW VERTICAL DIMENSION · Increased trauma to denture bearing area. Comparatively decreased trauma to denture bearing area. · . Check biting. Angular chelitis. Difficulty in swallowing and speech. · Difficulty in swallowing. Pain and clicking in the Temporomandibular Pain, clicking, discomfort of Temporomandibular ioint joint accompanied by neuralgia. Discomfort and annoyance to the patient. Obstruction of the Eustachian tube due to elevation of soft palate due to elevation of tongue/mandible. Decreased volume or cubical space of oral cavity, with decreased lower facial height and loss of increased volume or cubical space of oral cavity, with increased lower facial height and increased muscle tone muscle tone Ridge resorption is more Loss of lip fullne · Clicking of teeth. Corners of mouth are turned down. Rapid wear of acrylic teeth Thinning of the vermilion borders of the lip. SECOND YEAR B.D.S. (2008-09) DEPARTMENT OF PROSTHODONTICS COLLEGE OF DENTAL SCIENCE AND RESEARCH CENTRE AMMEDABAD NILAY SHAH PRATIK UPADHYAY NIZIL SHAH SHEEKHA SHAM

INITIAL STEPS OF CAVITY PREPARATION



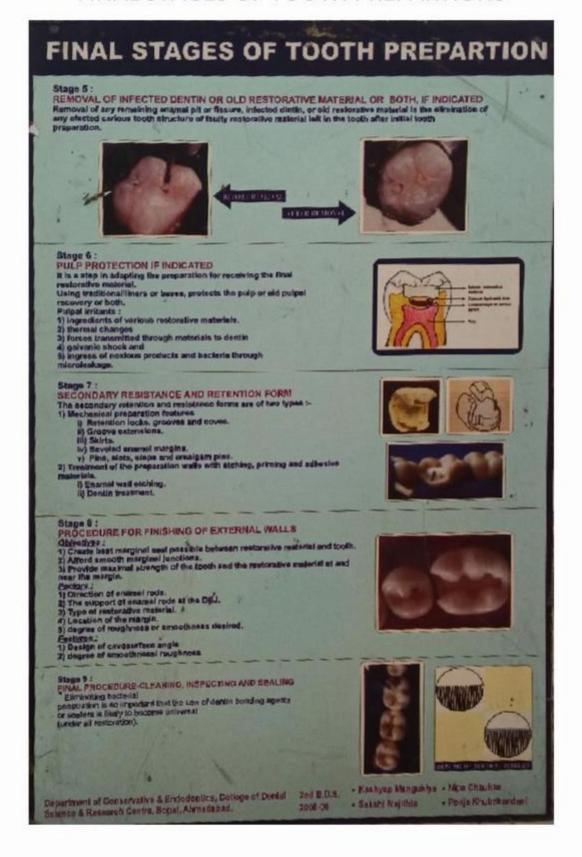
ULCERATIVE LEASIONS OF ORAL CAVITY



DENTAL PRACTICE MARKETING



FINAL STAGES OF TOOTH PREPARTIONS



COMPOSITE

COMPOSITE



તુટેલા દાંતની સારવાર માટે For the restoration of fractured teeth



દાંતના રંગના વિશ્લેન્ટ પુરવા To fill carious teeth



પીળા થયેલા દાંતને સફેદ કરવા માટે To treat discoloration of teeth and for esthetic purpose



દાંતના ઊંડા ખાડામાં સડો થતો અટલવવા For prevention of caries

Prepared by: Devanshi Shah, Jainy Sheh, Mauli Shah, Misha Shah Guided by: Dr. Harshvardhan Chaudhary

DEPARTMENT OF PUBLIC HEALTH DENTISTRY

COLLEGE OF DENTAL SCIENCES AND RESEARCH CENTRE





ચાંદી કરતા કમ્પોઝીટ દેખાવમાં દાંતનાં રંગ જેવું લેવાથી વધારે સાર દેખાવ છે Composites are esthetically better than amalgam





દોતની વચ્ચેની જગ્યા પુરવા To cover space between two teeth

DENTAL INSURANCE

DENTAL INSURANCE

INSURANCE is defined as the equitable transfer of the risk of a loss, from one entity to another, in exchange for payment. DENTAL INSURANCE is a type of health insurance designed to pay a portion of the costs associated with dental care.

PRINCIPLE

To be insurable, a risk must

- Be precisely definable.
- Be of sufficient magnitude that if it occurs, it constitutes a major loss.
- Be infrequent.
- Be of an unwanted nature, such as destruction of a home through fire.
- Be beyond the control of the individual.
- Not constitute a "moral hazard" which means that the presence of insurance itself should not lead to additional claims.

- The insurance company assumes risk it allow the patient to seek care from any general dentist or specialist of his or her
- There is no contractual relation between dentist and patient.
- Class I breatment : Diagnostic & Preventire
- Patient contribution is not require. Class II treatment ; Restorative, Endodonic. Periodontic & Extraction
- Patient contribution is 20%. Class III treatment: Fixed & Removable Prosthesis & major restorative pracedure such as cronn & bridge
- Patient contribution is 50%.

CLASSIFICATIONS

(A) Insurance type according to involved person

1. Individual



2. Family



3. Group



- (B) According to who is assuming the risk for loss
- 1. Indemnity
- 2. Administrative services or self
- 3. Capitation or DHMO (Dental Health Maintenance Organization)



ADMINISTRATIVE SERVICES OR SELF MISURED PLAN

The employer assumes the risk & use an administrative group to provide supervision

Two types:

- 1. Dentist's Errors
- 2. Third Party(Company's) Errors
- Dentist's Errors
- Incorrect recording of birth date of patient
- Providing no information about either potential
- insurance coverage
- Incorrect entry of social security number
- 2. Third Party Errors
- Loss submitted documentation
- Request for unnecessary documentation such as requesting radiograph for soft tissue graft
- Failure to check patient history that

CAPITATION OF BHIMD

- Dentist assumes the risk.
- The contracting dentist is paid a set fee each month for each emrolled patient, regardless of whether the patient has received any
- Palient contribution is not required, except for mere expensive treatment such as periodontal surgery or covern & bridge.
- If dentist has contracted with the plan, the patient has no financial responsibility but If the dentist has not contracted with plan, the patient is responsible for the difference between the plan payment & the dentist's fee.

Dentist fear of

- 1 High utilization 2 Demand of expensive braziment

- 1. To pay for costly care.
- 2. To maintain a healthy mouth.
- 3. To protect their children.
- 4. Culturally acceptable.
- 5. This system is flexible, fee can be changed in accord with market condition and the dentist is also able to practice what is called "price discrimination"
- 6. It is administratively simple, since dentist rarely keep a written list of fee for procedure.
- 7. It is the only system under which some form of dental care likely will ever be provided.

DISADVANTAGE

Despite the flexibility & price discrimination, there are still some potential patients who can ant affect death) rare

These persons would thus be unable to receive dental care if private fee-for-service were the only financing mechanism for dental care.

SCAFE OF THE INSURANCE COMPANIES PROVIDING DENTAL INSURANCE IN WORLD

- 1. Aetera Health Care
- 2. Medicaid
- 3. Wetife
- 4. Star Health Insurance
- 5. Pioneer Health Insurance

DEPARTMENT OF PUBLIC HEALTH DENTISTRY College of Dental Science and Research Center PROFESSOR INCHARGE

Dr. VIRAL PATEL



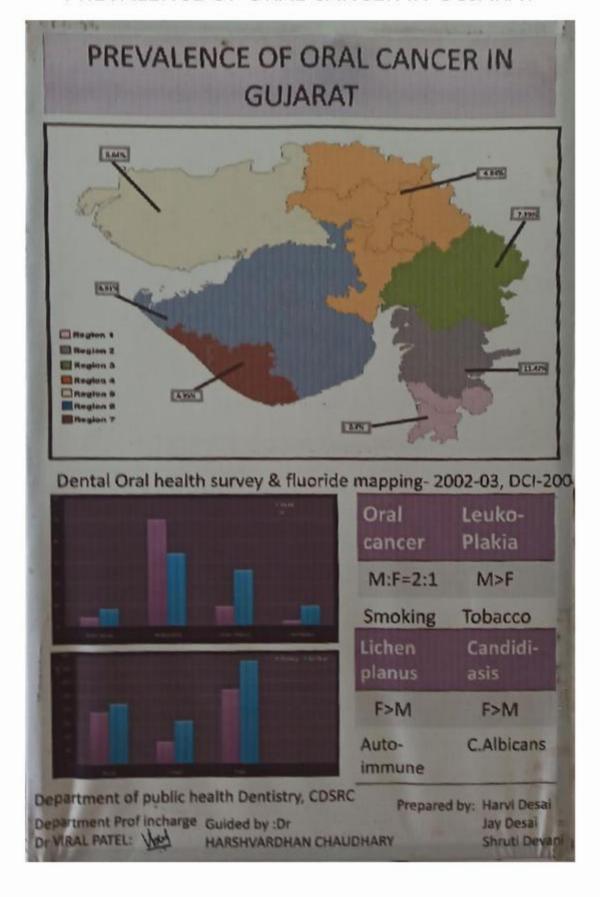
Dr. HARSHVARDHAN CHAUDHARY

PREPARES BY-

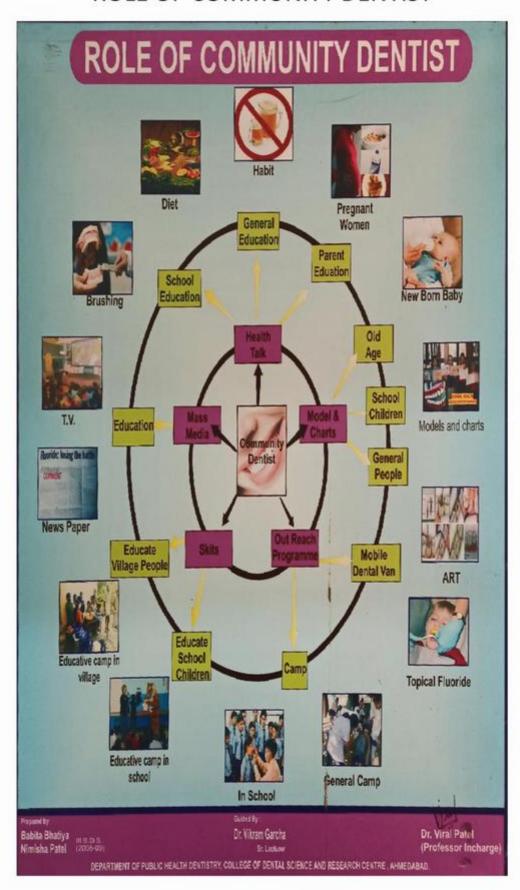
AMIT PRA IADATI PRATIK PATEL HARPAL PARMAR

FINAL B.D.S 2011 - 2012

PREVALENCE OF ORAL CANCER IN GUJARAT



ROLE OF COMMUNITY DENTIST



BABY BOTTLE TOOTH DECAY



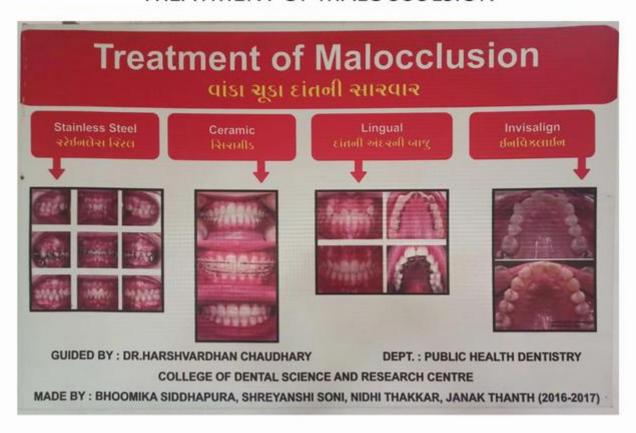
repared by: avra Tushar

તમારા ભાળકના મોઢાના સ્વાસ્થ્ય વિશે શીખો અને જાળવામાં મદદ કરો.

: Guided by : Dr. Vikram Garcha र टेमाला महीशियलकी पुराण करवामां कार्य ए Cleaning the root canals and restoring with suitable materials. लखनी सारपार करी लेमा खोञ्च मटीरीववकी पुराधा करवामां कावे छे.

Dr. Viral Patel

TREATMENT OF MALOCCULSION

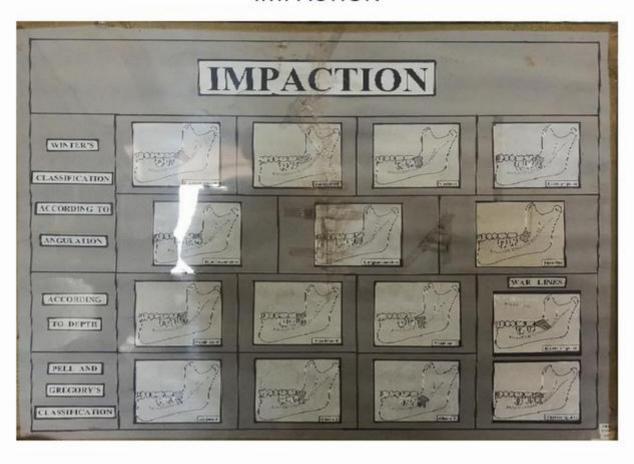


PHD POSTERS 2018-2019

PATIENTS INSTRUCTION AFTER PERIODONTAL SURGERY



IMPACTION



CLASSIFICATION OF TOOTH PREPRATION

CLASSIFICATION OF TOOTH PREPARATION.

Definition: Tooth preparation is the mechanical alteration of a defective, injured or diseased tooth to receive a restorative material that re-establishes a healthy state for the tooth including esthetic corrections where indicated and normal form and function.

Introduction:-Classification of tooth preparation according to anatomic areas involved and by the associated type of treatment was presented by Greene Vardiman Black.

And is designed as class-1, class-2, class-3, class-5, class-6. The altered preparation designs are referred to as

- (1) Beveled conventional preparations
- (2) Modified preparations

CLASS-1 Restorations All pit and fissure restorations are class 1 and they are assigned to three groups: (1) Restoration on occlusal two thirds of posterior teeth. (2) Restoration on occlusal two

thirds of the facial and lingual surfaces of molars. (3) Restoration on lingual surface of maxillary incisors.



CLASS-2 Restorations These are restorations on the proximal surfaces of posterior teeth



CLASS-3 Restorations:-Restorations on the proximal surfaces of anterior teeth that do not involve the incisal angle.



CLASS-4 Restorations: Restorations on the proximal surfaces of anterior teeth that do involve incisal angle.



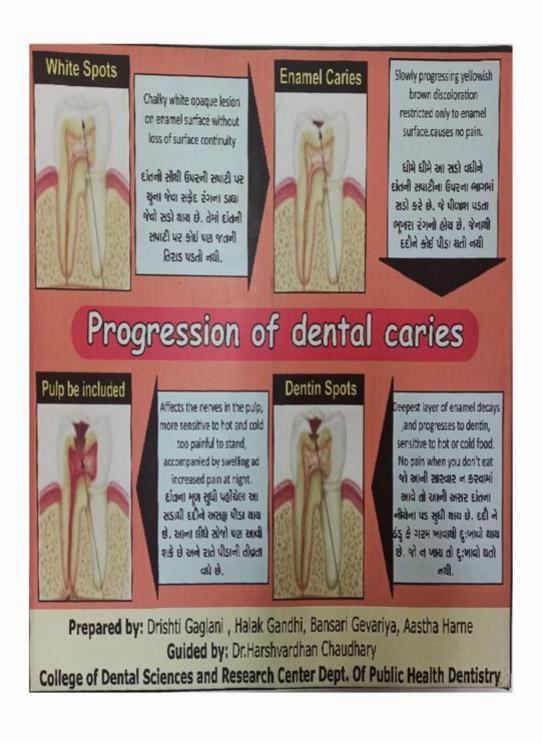
CLASS-5 Restorations gingival third of the facial or lingual surfaces of all teeth.



FOOD RESSESS BARRE KARRE SHAPE LOWING THE REAL PROPERTY

2nd year (2010-2019)

PROGRESSION OF DENTAL CARIES



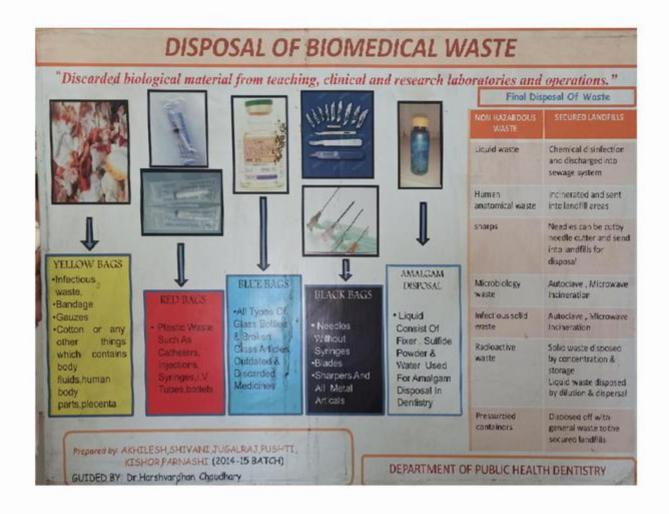
BIOTERRORISM



DISADVANTAGE OF TOOTH LOSS

DISADVANTAGES OF TOOTH LOSS (દાંત ગુમાવવાથી થતા ગેરફાયદાઓ) DRIFTING: ગુમાવેલા દાંતની જગ્યાએ આગળનો અથવા પાછળનો દાંત ઢળી જવો ચાવવામાં તકલીક થડવી 1. LOSS OF MASTICATORY EFFICIENCY: દાંત ગુમાવવાદ, તેની અગળ દોતનું મુખ્ય કામ ખેરાકને Mesial/distal drifting occurs Major function of teeth is mastication. અકવ્ય પામળની દાંત હવી જાય છે જેના લીધે ચોક્કું બનાવવામાં યાવવાનું છે. જેમાં દાંત ગુમાવવાથી પછી જ તાલીફ પડે છે. Loss of teeth results in to poor due to loss of tooth causing masticatory efficiency. difficulty in fabrication તકલીક પડે છે. of denture. 7. SUPRAERUPTION: ઉપરની દાંત નીચે તરક અદ્યવા નીચેની દાંત ઉપર તરક જવો 2. ESTHETICS: MIR EMIC દાત ગુમાની દેવાના કરણે વિરુધ્ય દિશામાં રહેલો દાત વધુ પડતો જડબાની બારર અવી જાય છે જે ચોક્કું બનાવવામાં અગળના દાંત ગુપાવવાથી થફેરાનો બાદ દેખાવ ઘરાબ દેખાવા ભાગે છે. Due to lass of tooth apposite Poor aesthetic appearance due to Tooth supraerupts causing loss of teeth, especially in anterior difficulty in making of denture. teeth. हेली अब्रे हे બોલવામાં તકલીફ પડવી 3. PSYCHOLOGICAL DISTURBANCE: માનસિક તકલીકો 8. DIFFICULTY IN SPEECH: નાની ઉપરમાં જ દોત ગુમાવા પાર્ક માણક માનુકિક તરાવમાં કેટલાક ઉચ્ચારો કરવા માટે જીવને દાંત ઉપર અડદાવી પડે છે.દાંત Psychologically, depression occurs Certain pronunciations are गुमाववाधी जीलवामं तक्ष्मी पडे है. due to loss of teeth in early age. Done by touching tangue to seeth, loss of teeth creates Problems in speaking. पात आदी को है. **४८**लाना साधाना हःआवी सड़े शयानी शड्यताओ 9. JOINT PAIN 4. RISK OF CARIES: संत गुभवा पति में संतनी दावी भवर पड़िश्च से से होने लांजा समयधी उपरना अने After loosing natural teeth, patient Long term occluse! नीचेना हाताने संपर्ध पत्ते खेळाडी पडलाना संपानी इञ्चली साथ है. has gap in the lost teeth's place, disharmony causes pain & that causes food lodgement discomfort to the TMU. & caries development. **४**ऽमाना शाऽधवां प्रशासे **ग्र**वी 10. MAXILLARY SINUS FNEUMATISATION 5. RESORPTION (LOSS) OF ALVEOLAR BONE: ઉપરમાં દાંત ગુખ વર્ધ છે જડાતની ઉપર રહેવું કરાનું કારની પોલાશભાગમાં મીચેને તરફ આવી જાય છે જેશે પોલાવાને ઈત્તેકશમ અપની શક્તાઓ વર્ધ જાર છે. After complete tooth loss, alveolar Oue to loss of manillary teeth, हाता ते हैन कामारी स्वय पार्वा क्रम है भने सड़ानी पहेंगाई भने क्रमारी स्वय COLLEGE OF DENTAL SCIENCES & RESEARCH CENTRE DEPARTMENT OF PUBLIC HEALTH DENTISTRY GUIDED BY- DR. HANSHYARDHAN CHAUDHAN MADRI PATEL HETAL PATEL CHAVAL PATEL DIPAK PATEL, IYEAR - 2016-2017

DISPOSAL OF BIOMEDICAL WASTE



REMOVEABLE PARTIAL DENTURE

RPD = REMOVABLE PARTIAL DENTURE

RPD meaning removable partial denture which can be removed at patient's will.

Indications:

- 1. Young age group patient (till 17 year of age)
- 2. Multiple edentulous spaces
- 3. Teeth with short clinical crowns
- 4. Long edentulous spaces
- 5. Patients with emotional problem
- 6. For economic reason.

Contraindications:

- 1. Allergy to acrylic material
- 2. Cannot be used in Handicapped Patients
- 3. Flabby ridge
- 4. Patients with large tongue
- 5. Poor oral hygiene

Advantages:

- 1. Prevent migration of adjacent teeth
- 2. No need to alter adjacent teeth
- 3. Used in compromised edentulous spaces
- 4. Provide good vertical support

Disadvantage:

- 1. Resorption of underlying mucosa
- 2. Irriation of underlying mucosa
- 3. Clasp of denture causes demineralization of enamel of adjacent teeth
- 4. Allergy of material











RPD એટલે દર્દીના અનુસાર કાઢી શકાય એવું અડધુ ચોક્ઠું

हपयोग :

- ૧. નાની ઉમરના દર્દી (૧૭ વર્ષ સુધી)
- ર. ઘણા બધા ખુટતાં દાંતની જગ્યા માટે
- 3. મોઢામાં રહેલા નાના દાંત માટે
- ૪. મોઢામાં લાંબી દાંત વગરની જગ્યામાં
- પ. દર્દીના મોઢાના સૌંદર્ધ માટે
- દ. આર્થિક રીતે

ઉપયોગ ક્યાં ન કરવો.

- ૧. જેને એકેલીક મટીરીયલ્સની એલર્જી હોય
- ર. શારિરીક વિકલાંગ દર્દી તથા માનસિક દર્દી
- ૩. જે લોકોનું જડબાનું હાડકું વસાઈ ગયું હોય
- ૪. જેને મોટી જીભ હોય
- પ મોઢાની ધળજી જે ન ગાંખી શકે

કાયદો :

- ૧. બાજુના દાંતને પોતાની જગ્યા પરથી ખસતા રોકે
- ર. બાજુના દાંતને વસવો ન પડે
- 3. તેનો ઉપયોગ વધઘટ થયેલી જગ્યામાં થઈ શકે છે.
- ૪. ચોકઠાની બરાબર ઉંચાઈ રાખવામાં મદદરૂપ થાય

गेरङायहाः

- ૧. જડબાના હાડકા ગળાય જાય
- ર, મોઢાની અંદર રહેલી ચામડીને નુકશાનદાયક છે
- 3. ચોકઠાના રહેલ ક્લાસ્ય બાજુનાં દાંતના રહેલ ઈનેમલ (દાંતની બહારનું આવરલ)ના તત્વને ઓછુ કરે છે.
- ૪. મટીરીયલ્સની એલર્જા

COLLEGE OF DENTAL SCIENCES & RESEARCH CENTRE

(DEPARTMENT OF PUBLIC HEALTH DENTISTRY) Guided by : Dr. Harshvardhan Chaudhary

- · Valay A. patel · Vishva Y. Patel
- . Vishva H. Patel . Shailee Patil (Final Year B.D.S. - 2016-17)

RECENT ADVANCEMENT IN DENTISTRY



GREEN TEA IN DENTISTRY



RURAL ORAL HEALTH PROGRAMS



ANTI MICROBIAL RESISTANCE



BIOMEDICAL WASTE MANAGEMENT

Category	Waste Category	Treatment
Category 1	Human anatomical waste (Human tissues, organs, body parts)	Incineration/ Deep buri
Category 2	Animal Waste (Animal tissues, organs, body parts carcasses, bleeding parts, fluids, blood and experimental animals used in research, waste generated by veterinary hospitals colleges, discharge from hospital, animal house)	Incineration/Deep buri
Category 3	Microbiology and biotechnology waste (Waste from laboratory cultures, stocks or specimens of micro- organisms, live or attenuated vaccines, human and animal cell culture used in research and infectious agents from research and industrial laboratories, waste from production of biologicals, toxins, dishes and devices and for transfer of cultures)	Local autoclaving/ Microwaving/Incinerati
Category 4	Waste sharps (Needles, syringes, scalperr, blades, class etc. that may cause puncture and cuts. This includes buttureed and unused sharps)	Disinfection (chemical treatment/ autoclaving/ microwaving and mutilation shredding)
Category 5	Discarded medicine and cytotoxic drugs [Wastes compilating of but dated, bontaminated and discarded medicines?]	Incineration destruct or and drugs disposal in secured landfills
Category 6	Solid waste (Items conteminated with blood and fluids including cotton, dresungs, soiled plaster casts, linen, beddings, other material contaminated with blood)	Intineration autoclaving microwaving
Category 7	Solid waste (Waste generated from disposable items office (than the waste sharps such as tubing, catheters, introvenous sets etc.)	Disinfection by chemical treatment autoclaving/ microwaving and mutitation/shredding
Category 8	Liquid waste [Waste penerated from laboratory and washing, blanning, housekeeping and disinfecting activities]	Disinfection by chemical treatment, and discharge into drains
Category 9	Incineration ash (Ash from incineration of any bio-medical wests)	Disposal in municipal landfil:
Category 10	Chemicals used in production of biological, chemicals used in disinfection, as insect cides, atc.	Chemical treatment and discharge into drains for liquids and secured land for solics.

ORTHOPENTMOGRAM

ORTHOPANTOMOGRAM (OPG)

A Panoramic imaging is a technique for producing a single tomographic image of the facial structures that includes both the maxillary and mandibular dental arches and their supporting structures"

INDICATIONS	ADVANTAGES	DISADVASTAGES
As a substitute for full mouth IOPA.	Broad coverage of facial bones and teeth.	Areas of diagnostic interest outside the focal trough are poorly visualized.
To detect fracture in mandible and middle third of the face.	Low patient radiation dose.	Radiograph is of poor quality in terms of magnification, geometric discortion and loss of detail.
To investigate TMJ dysfunction.	Convenience of examination.	No. of radio opaque and radio bacent areas may be present due to super imposition of real or ghost mages.
To study antrum.	Use in patients unable to open the mouth.	Caries are not detected.
To determine orthodontic and Periodontic Problems.	Short time is required to make the image.	Actifacts are misinteepretated.
To determine site and size of cysts, tumors, etc.	They are useful in patient education and case presentation.	Cost of machine is high.







Taxon San Control Cont

QUACKERY-QUACKS IN DENTISTRY

DENTAL QUACK : An untrained person who practices dentistry fraudulently. QUACKERY: "A pretender to medical skill ,a charlatan and one who talks pretentiously without sound

knowledge of the subject discussed."

REASONS: High cost of dental treatment, illiteracy, lack of awareness, poor accessibility to dental clinics, insufficient number of qualified dental surgeons.

TREATMENTS DONE BY QUACKS



with acrylic resin



Class II acrylic restoration done in first molar



with porytic resin & wire



Quack trimming a tooth on a rusty hand file



Denture with a suction disc

COMPLICATIONS



erting denture with bare hands causes infection





Excessive bleeding after



Swelling of cheek & infection after extraction



Scarring of tissue in suction disk region

SOLUTIONS:

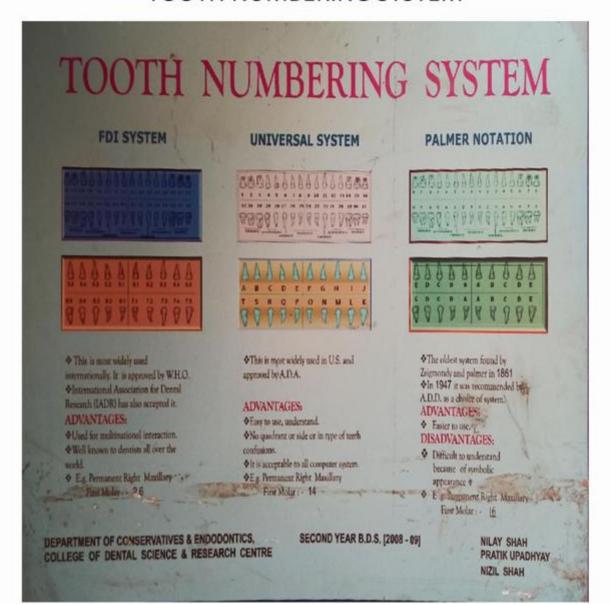
- Mobilization of qualified doctors Improvise infrastructure.
- to the rural areas.
- Constant surveillance.
- Make strict anti quackery laws.
- Increase public awareness.

DEPARTMENT OF PUBLIC HEALTH DENTISTRY

GUIDED BY DR.HARSHVARDHAN CHAUDHARY

MADE BY: SHARANYA CHANDRASHEKHAR, SIDDHI SHAH, RESHMA SAVAT, MAITRI SHAH, SRUSHTI SHAH, MAHAMMED SHAIKH

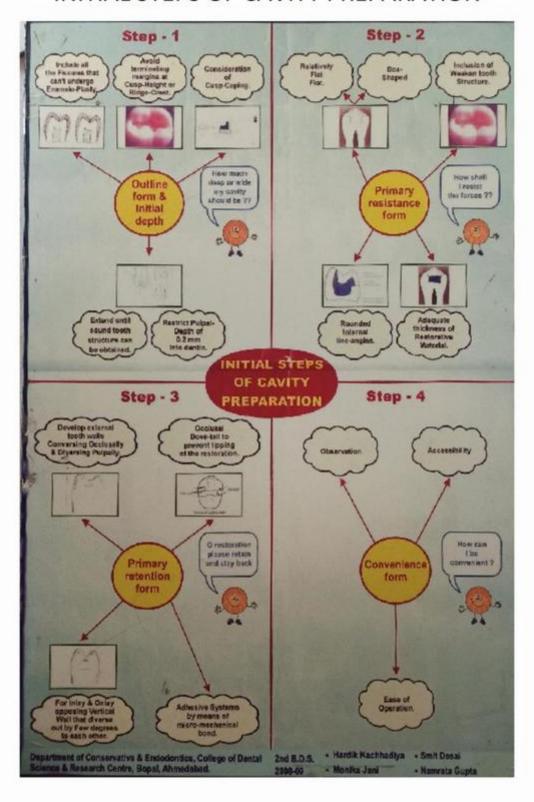
TOOTH NUMBERING SYSTEM



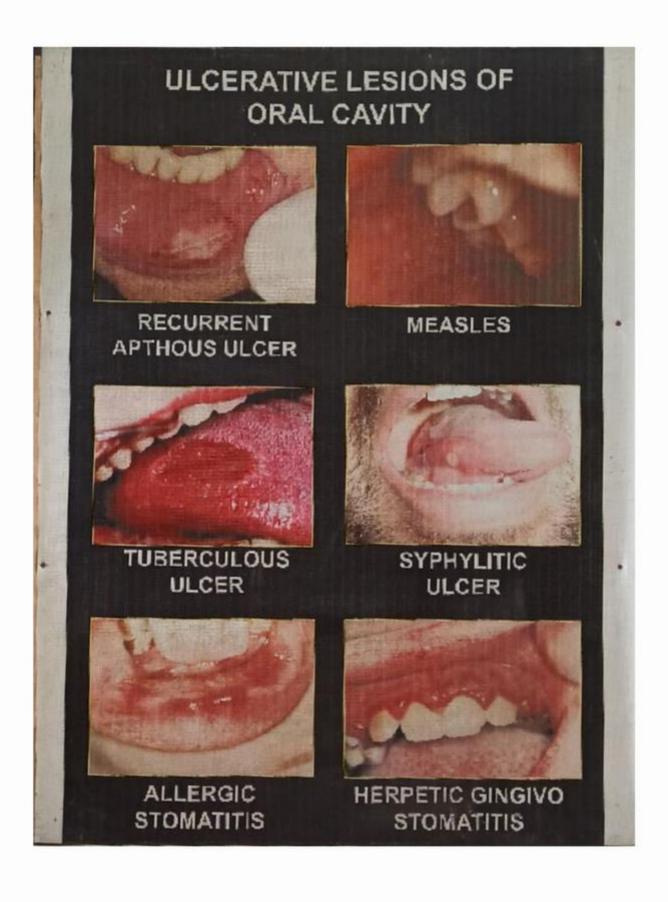
CONSEQUENCES OF HIGH AND LOW VERTICAL DIMENSION

CONSEQUENCES OF HIGH AND LOW VERTICAL DIMENSIONS HIGH VERTICAL DIMENSION LOW VERTICAL DIMENSION · Increased trauma to denture bearing area. Comparatively decreased trauma to denture bearing area. · . Check biting. Angular chelitis. Difficulty in swallowing and speech. · Difficulty in swallowing. Pain and clicking in the Temporomandibular Pain, clicking, discomfort of Temporomandibular ioint joint accompanied by neuralgia. Discomfort and annoyance to the patient. Obstruction of the Eustachian tube due to elevation of soft palate due to elevation of tongue/mandible. Decreased volume or cubical space of oral cavity, with decreased lower facial height and loss of increased volume or cubical space of oral cavity, with increased lower facial height and increased muscle tone muscle tone Ridge resorption is more Loss of lip fullne · Clicking of teeth. Corners of mouth are turned down. Rapid wear of acrylic teeth Thinning of the vermilion borders of the lip. SECOND YEAR B.D.S. (2008-09) DEPARTMENT OF PROSTHODONTICS COLLEGE OF DENTAL SCIENCE AND RESEARCH CENTRE AMMEDABAD NILAY SHAH PRATIK UPADHYAY NIZIL SHAH SHEEKHA SHAH

INITIAL STEPS OF CAVITY PREPARATION



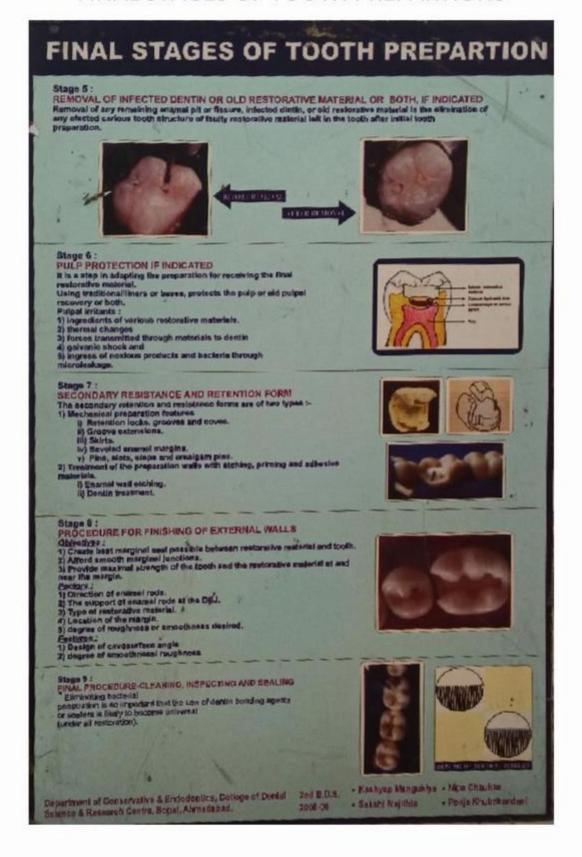
ULCERATIVE LEASIONS OF ORAL CAVITY



DENTAL PRACTICE MARKETING



FINAL STAGES OF TOOTH PREPARTIONS



COMPOSITE

COMPOSITE



તુટેલા દાંતની સારવાર માટે For the restoration of fractured teeth



દાંતના રંગના વિશ્લેન્ટ પુરવા To fill carious teeth



પીળા થયેલા દાંતને સફેદ કરવા માટે To treat discoloration of teeth and for esthetic purpose



દાંતના ઊંડા ખાડામાં સડો થતો અટલવવા For prevention of caries

Prepared by: Devanshi Shah, Jainy Sheh, Mauli Shah, Misha Shah Guided by: Dr. Harshvardhan Chaudhary

DEPARTMENT OF PUBLIC HEALTH DENTISTRY

COLLEGE OF DENTAL SCIENCES AND RESEARCH CENTRE





ચાંદી કરતા કમ્પોઝીટ દેખાવમાં દાંતનાં રંગ જેવું લેવાથી વધારે સાર દેખાવ છે Composites are esthetically better than amalgam





દોતની વચ્ચેની જગ્યા પુરવા To cover space between two teeth

DENTAL INSURANCE

DENTAL INSURANCE

INSURANCE is defined as the equitable transfer of the risk of a loss, from one entity to another, in exchange for payment. DENTAL INSURANCE is a type of health insurance designed to pay a portion of the costs associated with dental care.

PRINCIPLE

To be insurable, a risk must

- Be precisely definable.
- Be of sufficient magnitude that if it occurs, it constitutes a major loss.
- Be infrequent.
- Be of an unwanted nature, such as destruction of a home through fire.
- Be beyond the control of the individual.
- Not constitute a "moral hazard" which means that the presence of insurance itself should not lead to additional claims.

- The insurance company assumes risk it allow the patient to seek care from any general dentist or specialist of his or her
- There is no contractual relation between dentist and patient.
- Class I breatment : Diagnostic & Preventire
- Patient contribution is not require. Class II treatment ; Restorative, Endodonic. Periodontic & Extraction
- Patient contribution is 20%. Class III treatment: Fixed & Removable Prosthesis & major restorative pracedure such as cronn & bridge
- Patient contribution is 50%.

CLASSIFICATIONS

(A) Insurance type according to involved person

1. Individual



2. Family



3. Group



- (B) According to who is assuming the risk for loss
- 1. Indemnity
- 2. Administrative services or self
- 3. Capitation or DHMO (Dental Health Maintenance Organization)



ADMINISTRATIVE SERVICES OR SELF MISURED PLAN

The employer assumes the risk & use an administrative group to provide supervision

Two types:

- 1. Dentist's Errors
- 2. Third Party(Company's) Errors
- Dentist's Errors
- Incorrect recording of birth date of patient
- Providing no information about either potential
- insurance coverage
- Incorrect entry of social security number
- 2. Third Party Errors
- Loss submitted documentation
- Request for unnecessary documentation such as requesting radiograph for soft tissue graft
- Failure to check patient history that

CAPITATION OF BHIMD

- Dentist assumes the risk.
- The contracting dentist is paid a set fee each month for each emrolled patient, regardless of whether the patient has received any
- Palient contribution is not required, except for mere expensive treatment such as periodontal. surgery or covern & bridge.
- If dentist has contracted with the plan, the patient has no financial responsibility but If the dentist has not contracted with plan, the patient is responsible for the difference between the plan payment & the dentist's fee.

Dentist fear of

- 1 High utilization 2 Demand of expensive braziment

- 1. To pay for costly care.
- 2. To maintain a healthy mouth.
- 3. To protect their children.
- 4. Culturally acceptable.
- 5. This system is flexible, fee can be changed in accord with market condition and the dentist is also able to practice what is called "price discrimination"
- 6. It is administratively simple, since dentist rarely keep a written list of fee for procedure.
- 7. It is the only system under which some form of dental care likely will ever be provided.

DISADVANTAGE

Despite the flexibility & price discrimination, there are still some potential patients who can ant affect death) rare

These persons would thus be unable to receive dental care if private fee-for-service were the only financing mechanism for dental care.

SCAFE OF THE INSURANCE COMPANIES PROVIDING DENTAL INSURANCE IN WORLD

- 1. Aetera Health Care
- 2. Medicaid
- 3. Wetife
- 4. Star Health Insurance
- 5. Pioneer Health Insurance

DEPARTMENT OF PUBLIC HEALTH DENTISTRY College of Dental Science and Research Center PROFESSOR INCHARGE

Dr. VIRAL PATEL



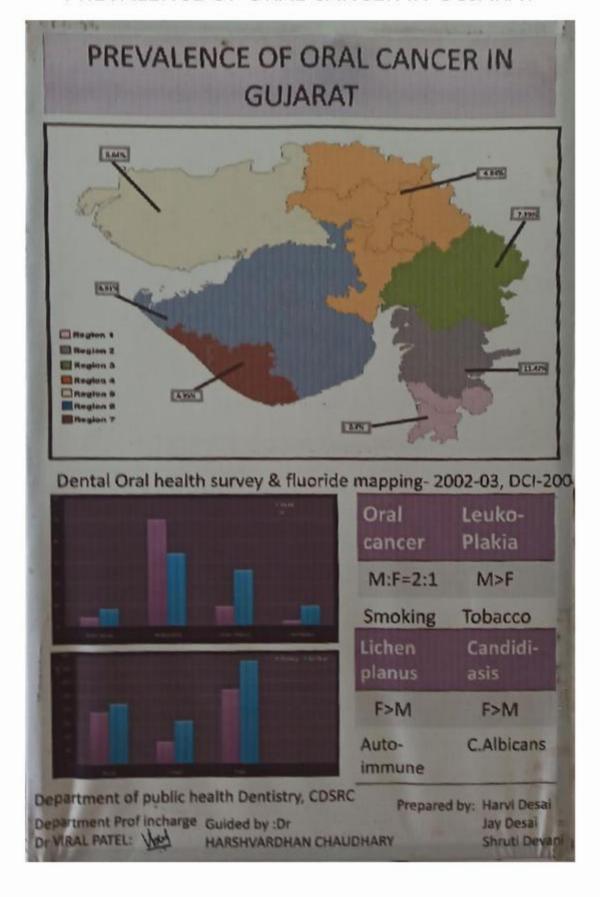
Dr. HARSHVARDHAN CHAUDHARY

PREPARES BY-

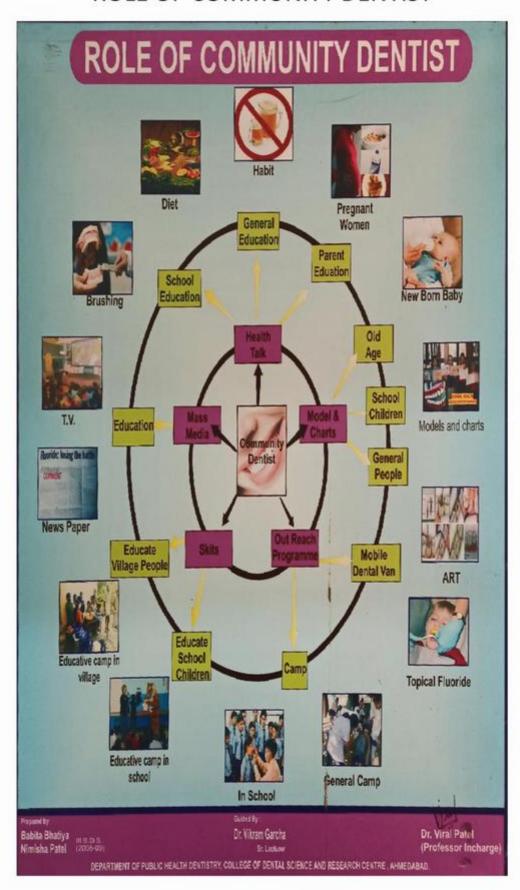
AMIT PRA IADATI PRATIK PATEL HARPAL PARMAR

FINAL B.D.S 2011 - 2012

PREVALENCE OF ORAL CANCER IN GUJARAT



ROLE OF COMMUNITY DENTIST



BABY BOTTLE TOOTH DECAY



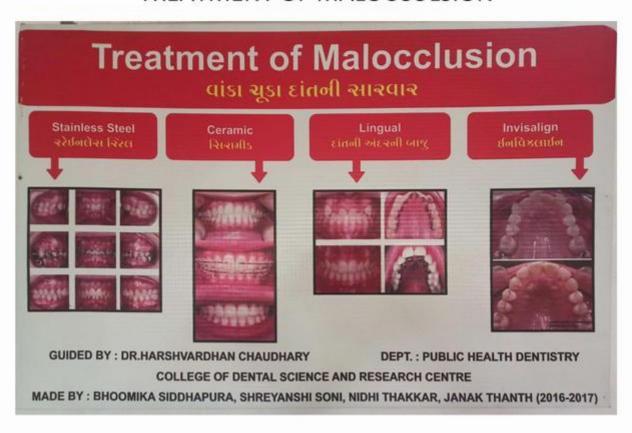
repared by: avra Tushar

તમારા ભાળકના મોઢાના સ્વાસ્થ્ય વિશે શીખો અને જાળવામાં મદદ કરો.

: Guided by : Dr. Vikram Garcha र टेमाला महीरीयवची पुराण करवामां कावे ह Cleaning the root canals and restoring with suitable materials. लखनी सारपार करी लेमा खोञ्च मटीरीववकी पुराधा करवामां कावे छे.

Dr. Viral Patel

TREATMENT OF MALOCCULSION



ORAL HEALTH CARE DURING PREGNANCY

Oral Health Care During Pregnancy

ORAL MANIFESTATIONS DURING PREGNANCY











Pregnancy Gingivitis

Pyogenic Granuloma

Xerostomia

Perimyolysis

Gestational **Diabetes**

1" trimester

- Educate patient about oral changes which can occur during pregnancy.
- · Emphasize strict oral hygiene instruction.
- · Limit treatment to periodontal prophylaxis & emergency treatment, as there is a risk of undergoing spontaneous abortion.
- Avoid routine radiographs.

DENTAL MANAGEMENT DURING **PREGNANCY**

2nd trimester

- In supine position patient may go under syncope which can be prevented by positioning the patient on her left side & elevating head of the chair.
- · Control of active oral disease may be done.
- Avoid routine radiographs.





3rd trimester

- Avoid any elective dental procedures during 2nd half of third trimester.
- Avoid routine radiographs.







Contraindicated drugs Aspirin (Not in 3" trimester) Ibuprofen (Not in 3" trimester) Tetracycline

Mepivacaine Bupivacaine Chlorhexidine Nitrous oxide

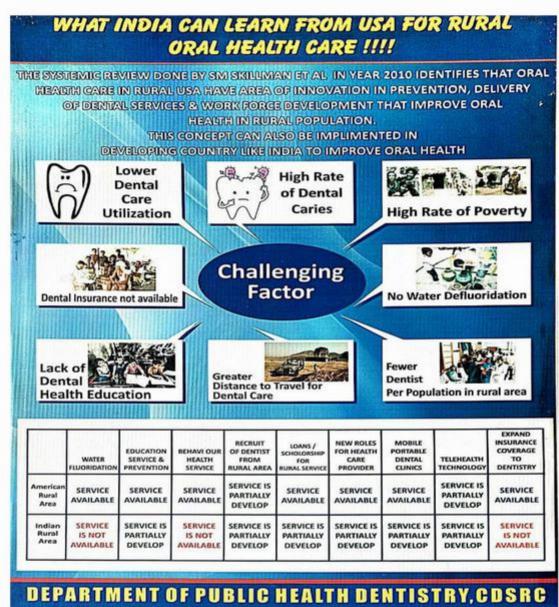
Possible side Effects Postpartum haemorrhage Delayed labour aternal toxicity Fatal bradycardia . **Fatal toxicity** Spontaneous abortions



PREPARED BY: Rohit, Kuldeep, Arpit, Shrutva, Heena J, Sumalya, Vinisha (FINAL YEAR 2014-15 BATCH)

De Harshvardhan Chaudhary DEPARTMENT OF PUBLIC HEALTH DENTISTRY

WHAT INDIAN CAN LEARN FROM USA FOR RURAL ORAL HEALTH CARE!



PROFFESSOR INCHARGE: Dr. VIRAL PATEL

Mary 180

GUIDED BY:Dr. RUSHABH DAGLI
Dr. HARSH VARDHAN CHAUDHARY
FINAL B.D.S 2011 - 2012

PREPARED BY: GHETIA JALINDI GOHIL KRUNALI JADAV BHAGVATI

PLATELET RICH PLASMA



It is a blood plasma that has been enriched with platelets

HOW DOES IT WORK?

PLATELET RICH PLASMA contains autologous platelets which have alpha granules which releases several different growth factors and cytokines through the degranulation process that stimulates healing of bone and soft tissue.

COMPONENTS

- Plateiets collected in PRP are activate by addition of thrombin and calcium chloride which releases the following growth factors and cytokines
- . Transforming growth factor Seta
- · Fibroblast growth factor
- Insulin like growth factor
 Vescular endothelial growth fact
- . Inter leukio II
- Keratinocyte growth fr
- Connection tionus

IMPLICATIONS IN DENTISTRY

Bone grafting for dental implants-onlay & inlay grafts, sinus lift & ridge augmentation technology for teeth-mostly in maxiliofacial reconstruction



sinus cavity & mouth

To accelerate post surgical
wound healing

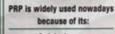




WHAT DOES PRP TREATMENT INVOLVE

 Small (about 20 oz)wample of alood will be collected, shood will be passed in to centrifuge to separate the plasms from the RBC's.a 2" centrifuge will be use to concentrate the platalets which contains





Safety-lower Infection risk

Convenience Faster healing

Cost effectiveness

DISADVANTAGES

It cannot be used in all bone grafting cases

It cannot be used alone to stimulate bone formation

Expensive

PROFFESSOR INCHARGE-Dr. VIRAL PATEL DEPARTMENT OF PUBLIC HEALTH DENTISTRY, CDSRC

CUIDED BY: Dr. Rushabh Dagli Dr. Harsh Vardhan Chaudhary PREPARED BY: JINA JANI AKANKSHA PATHAK FINAL B.D.S 2011 - 2012

OCCUPATIONAL HAZARS IN DENTISTRY

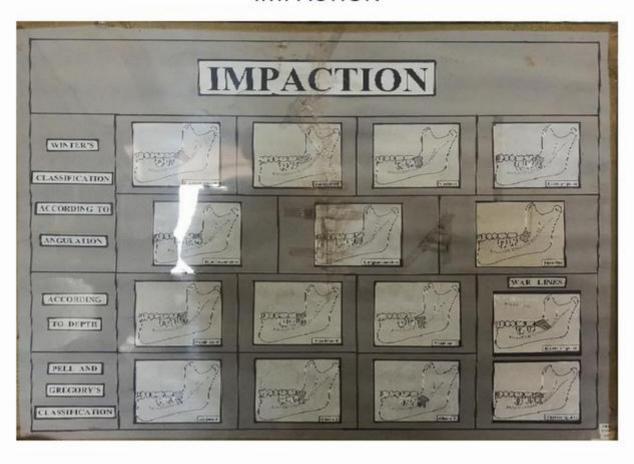


PHD POSTERS 2019-2020

PATIENTS INSTRUCTION AFTER PERIODONTAL SURGERY



IMPACTION



CLASSIFICATION OF TOOTH PREPRATION

CLASSIFICATION OF TOOTH PREPARATION.

Definition: Tooth preparation is the mechanical alteration of a defective, injured or diseased tooth to receive a restorative material that re-establishes a healthy state for the tooth including esthetic corrections where indicated and normal form and function.

Introduction:-Classification of tooth preparation according to anatomic areas involved and by the associated type of treatment was presented by Greene Vardiman Black.

And is designed as class-1, class-2, class-3, class-5, class-6. The altered preparation designs are referred to as

- (1) Beveled conventional preparations
- (2) Modified preparations

CLASS-1 Restorations All pit and fissure restorations are class 1 and they are assigned to three groups: (1) Restoration on occlusal two thirds of posterior teeth. (2) Restoration on occlusal two

thirds of the facial and lingual surfaces of molars. (3) Restoration on lingual surface of maxillary incisors.



CLASS-2 Restorations These are restorations on the proximal surfaces of posterior teeth



CLASS-3 Restorations:-Restorations on the proximal surfaces of anterior teeth that do not involve the incisal angle.



CLASS-4 Restorations: Restorations on the proximal surfaces of anterior teeth that do involve incisal angle.



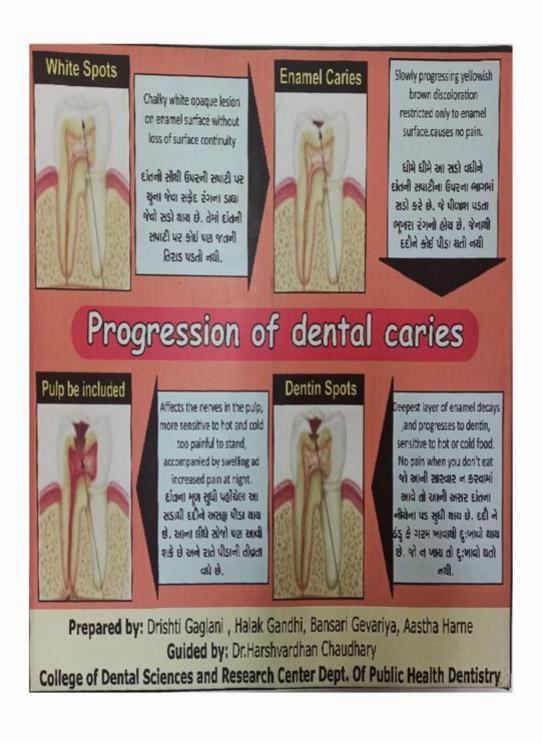
CLASS-5 Restorations gingival third of the facial or lingual surfaces of all teeth.



FOOD RESSESS BARRE KARRE SHAPE LOWING THE REAL PROPERTY

2nd year (2010-2019)

PROGRESSION OF DENTAL CARIES



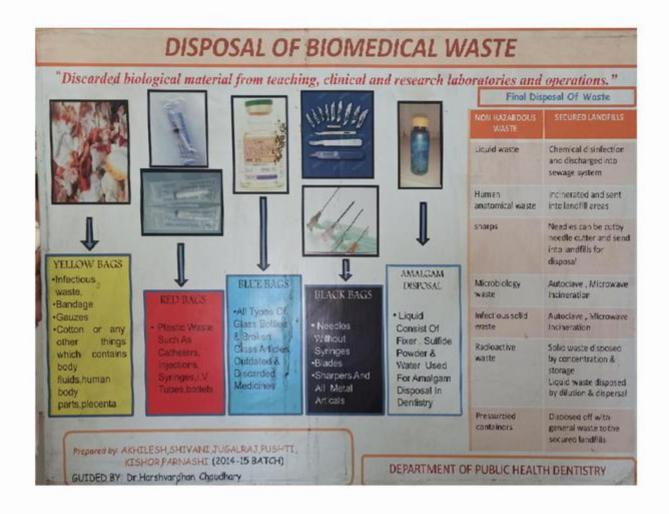
BIOTERRORISM



DISADVANTAGE OF TOOTH LOSS

DISADVANTAGES OF TOOTH LOSS (દાંત ગુમાવવાથી થતા ગેરફાયદાઓ) DRIFTING: ગુમાવેલા દાંતની જગ્યાએ આગળનો અથવા પાછળનો દાંત ઢળી જવો ચાવવામાં તકલીક થડવી 1. LOSS OF MASTICATORY EFFICIENCY: દાંત ગુમાવવાદ, તેની અગળ દોતનું મુખ્ય કામ ખેરાકને Mesial/distal drifting occurs Major function of teeth is mastication. અકવ્ય પામળની દાંત હવી જાય છે જેના લીધે ચોક્કું બનાવવામાં યાવવાનું છે. જેમાં દાંત ગુમાવવાથી પછી જ તાલીફ પડે છે. Loss of teeth results in to poor due to loss of tooth causing masticatory efficiency. difficulty in fabrication તકલીક પડે છે. of denture. 7. SUPRAERUPTION: ઉપરની દાંત નીચે તરક અદ્યવા નીચેની દાંત ઉપર તરક જવો 2. ESTHETICS: MIR EMIC દાત ગુમાની દેવાના કરણે વિરુધ્ય દિશામાં રહેલો દાત વધુ પડતો જડબાની બારર અવી જાય છે જે ચોક્કું બનાવવામાં અગળના દાંત ગુપાવવાથી થફેરાનો બાદ દેખાવ ઘરાબ દેખાવા ભાગે છે. Due to lass of tooth apposite Poor aesthetic appearance due to Tooth supraerupts causing loss of teeth, especially in anterior difficulty in making of denture. teeth. हेल अहे है બોલવામાં તકલીફ પડવી 3. PSYCHOLOGICAL DISTURBANCE: માનસિક તકલીકો 8. DIFFICULTY IN SPEECH: નાની ઉપરમાં જ દોત ગુમાવા પાર્ક માણક માનુકિક તરાવમાં કેટલાક ઉચ્ચારો કરવા માટે જીવને દાંત ઉપર અડદાવી પડે છે.દાંત Psychologically, depression occurs Certain pronunciations are गुमाववाधी जीलवामं तक्ष्यंत्र पडे है. due to loss of teeth in early age. Done by touching tangue to seeth, loss of teeth creates Problems in speaking. पात आदी को है. **४८**लाना साधाना हःआवा सड़े शयानी शड्यताओ 9. JOINT PAIN 4. RISK OF CARIES: संत गुभवा पति में संतनी दावी भवर पड़िश्च से से होने लांजा समयधी उपरना अने After loosing natural teeth, patient Long term occluse! नीचेना हाताने संपर्क पत्ते खेळाडी पड़काना संपानी इञ्चली साथ है. has gap in the lost teeth's place, disharmony causes pain & that causes food lodgement discomfort to the TMU. & caries development. **४**ऽमाना शाऽधारां प्रशासे **ग्र**वी 10. MAXILLARY SINUS FNEUMATISATION 5. RESORPTION (LOSS) OF ALVEOLAR BONE: ઉપરમાં દાંત ગુખ વર્ધ છે જડાતની ઉપર રહેવું કરાનું કારની પોલાશભાગમાં મીચેને તરફ આવી જાય છે જેશે પોલાવાને ઈત્તેકશમ અપની શક્તાઓ વર્ધ જાર છે. After complete tooth loss, alveolar Oue to loss of manillary teeth, हाता ते हैन कामारी स्वय पार्वा क्रम है भने सड़ानी पहेंगाई भने क्रमारी स्वय COLLEGE OF DENTAL SCIENCES & RESEARCH CENTRE DEPARTMENT OF PUBLIC HEALTH DENTISTRY GUIDED BY- DR. HANSHYARDHAN CHAUDHAN MADRI PATEL HETAL PATEL CHAVAL PATEL DIPAK PATEL, IYEAR - 2016-2017

DISPOSAL OF BIOMEDICAL WASTE



REMOVEABLE PARTIAL DENTURE

RPD = REMOVABLE PARTIAL DENTURE

RPD meaning removable partial denture which can be removed at patient's will.

Indications:

- 1. Young age group patient (till 17 year of age)
- 2. Multiple edentulous spaces
- 3. Teeth with short clinical crowns
- 4. Long edentulous spaces
- 5. Patients with emotional problem
- 6. For economic reason.

Contraindications:

- 1. Allergy to acrylic material
- 2. Cannot be used in Handicapped Patients
- 3. Flabby ridge
- 4. Patients with large tongue
- 5. Poor oral hygiene

Advantages:

- 1. Prevent migration of adjacent teeth
- 2. No need to alter adjacent teeth
- 3. Used in compromised edentulous spaces
- 4. Provide good vertical support

Disadvantage:

- 1. Resorption of underlying mucosa
- 2. Irriation of underlying mucosa
- 3. Clasp of denture causes demineralization of enamel of adjacent teeth
- 4. Allergy of material











RPD એટલે દર્દીના અનુસાર કાઢી શકાય એવું અડધુ ચોક્ઠું

हपयोग :

- ૧. નાની ઉમરના દર્દી (૧૭ વર્ષ સુધી)
- ર. ઘણા બધા ખુટતાં દાંતની જગ્યા માટે
- 3. મોઢામાં રહેલા નાના દાંત માટે
- ૪. મોઢામાં લાંબી દાંત વગરની જગ્યામાં
- પ. દર્દીના મોઢાના સૌંદર્ધ માટે
- દ. આર્થિક રીતે

ઉપયોગ ક્યાં ન કરવો.

- ૧. જેને એકેલીક મટીરીયલ્સની એલર્જી હોય
- ર. શારિરીક વિકલાંગ દર્દી તથા માનસિક દર્દી
- ૩. જે લોકોનું જડબાનું હાડકું વસાઈ ગયું હોય
- ૪. જેને મોટી જીભ હોય
- પ મોઢાની ધળજી જે ન ગાંખી શકે

કાયદો :

- ૧. બાજુના દાંતને પોતાની જગ્યા પરથી ખસતા રોકે
- ર. બાજુના દાંતને વસવો ન પડે
- 3. તેનો ઉપયોગ વધઘટ થયેલી જગ્યામાં થઈ શકે છે.
- ૪. ચોકઠાની બરાબર ઉંચાઈ રાખવામાં મદદરૂપ થાય

गेरङायहाः

- ૧. જડબાના હાડકા ગળાય જાય
- ર, મોઢાની અંદર રહેલી ચામડીને નુકશાનદાયક છે
- 3. ચોકઠાના રહેલ ક્લાસ્ય બાજુનાં દાંતના રહેલ ઈનેમલ (દાંતની બહારનું આવરલ)ના તત્વને ઓછુ કરે છે.
- ૪. મટીરીયલ્સની એલર્જા

COLLEGE OF DENTAL SCIENCES & RESEARCH CENTRE

(DEPARTMENT OF PUBLIC HEALTH DENTISTRY) Guided by : Dr. Harshvardhan Chaudhary

- · Valay A. patel · Vishva Y. Patel
- . Vishva H. Patel . Shailee Patil (Final Year B.D.S. - 2016-17)

RECENT ADVANCEMENT IN DENTISTRY



GREEN TEA IN DENTISTRY



RURAL ORAL HEALTH PROGRAMS



ANTI MICROBIAL RESISTANCE



BIOMEDICAL WASTE MANAGEMENT

Category	Waste Category	Treatment
Category 1	Human anatomical waste (Human tissues, organs, body parts)	Incineration/ Deep buri
Category 2	Animal Waste (Animal tissues, organs, body parts carcasses, bleeding parts, fluids, blood and experimental animals used in research, waste generated by veterinary hospitals colleges, discharge from hospital, animal house)	Incineration/Deep buri
Category 3	Microbiology and biotechnology waste (Waste from laboratory cultures, stocks or specimens of micro- organisms, live or attenuated vaccines, human and animal cell culture used in research and infectious agents from research and industrial laboratories, waste from production of biologicals, toxins, dishes and devices and for transfer of cultures)	Local autoclaving/ Microwaving/Incinerati
Category 4	Waste sharps (Needles, syringes, scalperr, blades, class etc. that may cause puncture and cuts. This includes buttureed and unused sharps)	Disinfection (chemical treatment/ autoclaving/ microwaving and mutilation shredding)
Category 5	Discarded medicine and cytotoxic drugs [Wastes compilating of but dated, bontaminated and discarded medicines?]	Incineration destruct or and drugs disposal in secured landfills
Category 6	Solid waste (Items conteminated with blood and fluids including cotton, dresungs, soiled plaster casts, linen, beddings, other material contaminated with blood)	Interestion autoclaving microwaving
Category 7	Solid waste (Waste generated from disposable items office (than the waste sharps such as tubing, catheters, introvenous sets etc.)	Disinfection by chemical treatment autoclaving/ microwaving and mutitation/shredding
Category 8	Liquid waste [Waste penerated from laboratory and washing, blooming, housekeeping and disinfecting activities]	Disinfection by chemical treatment, and discharge into drains
Category 9	Incineration ash (Ash from incineration of any bio-medical wester)	Disposal in municipal landfil:
Category 10	Chemicals used in production of biological, chemicals used in disinfection, as insect cides, atc.	Chemical treatment and discharge into drains for liquids and secured land for solics.

ORTHOPENTMOGRAM

ORTHOPANTOMOGRAM (OPG)

A Panoramic imaging is a technique for producing a single tomographic image of the facial structures that includes both the maxillary and mandibular dental arches and their supporting structures"

INDICATIONS	ADVANTAGES	DISADVASTAGES
As a substitute for full mouth IOPA.	Broad coverage of facial bones and teeth.	Areas of diagnostic interest outside the focal trough are poorly visualized.
To detect fracture in mandible and middle third of the face.	Low patient radiation dose.	Radiograph is of poor quality in terms of magnification, geometric discortion and loss of detail.
To investigate TMJ dysfunction.	Convenience of examination.	No. of radio opaque and radio bacent areas may be present due to super imposition of real or ghost mages.
To study antrum.	Use in patients unable to open the mouth.	Caries are not detected.
To determine orthodontic and Periodontic Problems.	Short time is required to make the image.	Actifacts are misinteepretated.
To determine site and size of cysts, tumors, etc.	They are useful in patient education and case presentation.	Cost of machine is high.







Taxon San Control Cont