Introduction to Dentistry

■ Unit VII

■ Charting & Diagnostic Aids
The Dental Exam

- Methods investigating oral cavity
  - Palpation
  - Percussion
  - Visual
  - X-rays
The Dental Exam

The Clinical Oral Exam

- buccal mucosa
- gingiva
- tongue + floor of mouth
- palate
- uvula
- occlusion - centric
The Dental Exam

- soft tissues of oropharynx
- saliva - consistency and quantity
- breath
- tongue or sinus
- mucobuccal folds
- vestibule
The Dental Exam

- Extra Oral Exam
  - speech
  - facial configuration
  - lymph nodes - swelling or tenderness
  - TMJ
  - oral habits - bruxing, thumb sucking, mouth breathing
  - lips - texture, color, deviations from norm
The Dental Exam

- **Diagnostic Aids**
  - X-rays
  - Study models
  - Photos
  - Intraoral imaging
  - Intraoral photography
  - Pamphlets, bulletins or actual items (ie: crown)
  - Models of: implants, partial, dentures etc.
The Dental Exam

- Intraoral Imaging
  - patient ed & dx tool
  - explain procedure
  - verification for insurance
The Dental Exam

- **Intraoral Imaging**

- Consists of 4 parts:
  - handpiece = capture image
  - computer = process & store
  - monitor = project image
  - color printer = print image
The Dental Exam

- **Intraoral Photography**
- record before, after record
- major restorative tx
- esthetic restorations
- full face, profile images
- cheek/lip retractors
- people forget
- marketing tool
Clinical Records

- Charting
- records regarding pt info
- pt tx
- accurate & complete
- in INK
Clinical Records

- Oral System
  - dentist dictates
  - assistant records on hard copy
  - use colored pencils
Clinical Records

- Computerized System
  - voice activated
  - dentist wears microphone
  - dictates information
  - computer generates color coded printout
Clinical Records

- **Financial Arrangements**
  - chart is “an estimate”
  - proposed tx/fee
  - date & sign
  - patient & office copy
Charting the Oral Cavity

**Cardinal Rules**

1. **accurately chart** errors result in scheduling/tx errors
2. **only red/blue pencil**
3. **learn** “your” dentists system
4. **pay attention**, listen carefully
5. **ask to repeat**
Charting the Oral Cavity

Types of Charting Systems

- Palmer
- FDI
- Universal
Charting the Oral Cavity

- **Current Conditions**
- Red
- NEEDS to be done
- Blue
- existing restorations/conditions
Charting the Oral Cavity

- **Current Conditions**
  - Super Numerary =
  - Mesioden =
  - Periapical Abscess =
  - Fractured Tooth =
  - Fractured Restorations =
  - Recurrent decay =
Charting the Oral Cavity

Current Conditions

- Teeth to be extracted =
- Impacted =
- Direction =
- Space Closed =
- Tooth Rotated =
Charting the Oral Cavity

- **Common Charting Conditions**
  - **Amalgam**
    - fill in completely
  - **Composite**
    - outside line
  - **Fixed Prosthetics**
  - single crowns, a bridge or implant
Charting the Oral Cavity

- **Common Charting Conditions**
  - *Removable Prosthetics*
  - PUD/PLD or FUD/FLD or CUD/CLD
  - *Root Canal Therapy*
  - Needs or completed
Charting the Oral Cavity

- **Common Charting Conditions**
  - Broken/Cracked Filling =
  - Temporary Fillings =
  - Build Ups =
  - Sealants =
Charting the Oral Cavity

- Periodontal Screening and Records - **PSR**
- **System**
  - detect periodontal disease
  - determine pt needs
  - periodontal exam
Charting the Oral Cavity

- **Periodontal Screening and Records - PSR**

- **Overall Gingival Health**
  - Color: pink vs. red
  - Firmness: tight/stippled vs. boggy/puffy
  - Serum: clear vs. blood or exudate
Charting the Oral Cavity

- Periodontal Screening and Records - PSR

- **Periodontal Probing**

- healthy = 1-3 mm
- gingival recession = red line at CEJ
- periodontal pocket = 4+
Charting the Oral Cavity

- **Periodontal Screening and Records - PSR**
- **Furcation Involvement**
  - I
  - II
  - III
Charting the Oral Cavity

- Periodontal Screening and Records - PSR

- Mobility

- I  = slight
- II = moderate
- III = extreme
Charting the Oral Cavity

- Orthodontia
- Occlusion classification
- Needed tx
- Current tx
  - name of orthodontist
  - how long
  - fixed or removable
Charting the Oral Cavity

Pathology

Record: any abnormal findings

- head/neck
- intraoral cancer screening
- vestibule, cheeks/lips
- tongue/palate
Charting the Oral Cavity

- **Pulp Vitality**
- **Record**
- vitalometer readings
- response to hot/cold
- percussion or pain
- color & sound
- needs or has had RCT