### Fall 2020 Rounds

## Evidence Based Dentistry Rounds TMD

Group 1A-3 10/14/2020

#### Rounds Team

- Group Leader: Dr. Smithy
- Specialty Leader: Dr. Thompson
- Project Team Leader: Aakeeb Amin
- Project Team Participants: Josephine Tokarev, Josephine Hayes-Birchler, Tristan Rostagno

### **Patient**

- 40 year old Caucasian male
- Chief Complaint
- Additional pertinent information
- Information is de-identified throughout presentation

# **Medical History**

- 1 slide describing medical history
- Current & past:
  - Diagnoses
  - Conditions
  - Medications
  - Medical Consults, if any
  - Treatment considerations

# **Dental History**

1 slide describing past dental history

# Radiographs

Panoramic image (if available)

# Radiographs

- Full mouth series (BWX & PAX)
- Although all BWX and periapical radiographs could be placed on this slide, it will be hard to read.
- Recommendations:
  - Show overall FMX on this slide
  - Show necessary close-up views on separate slide(s)
  - Zoom in on, or enlarge, relevant views of areas of interest.
  - Insert arrow, or other indicator, to draw attention to findings. Correlate with list of pertinent radiologic findings.

# Radiographic Findings

- 1 slide summarizing pertinent radiologic findings
- Illustrate with radiograph and/or other graphics as needed

# **Clinical Findings**

- 1 slide describing all clinical findings
- Clinical photos 1-2 slides
  - Relevant extraoral &/or intra-oral views
- Photos of casts 1-2 slides
  - Mounted on articulator
  - Same views as intraoral photos
    - Occlusal maxilla, mandible
    - Open, closed
      - Anterior, lateral
      - In occlusion, excursions
    - Show excursions from posterior to molar view

# **Specific Findings**

- List findings specific to the Rounds discussion, 1 slide
- To enhance viewing, include close-ups of clinical photos, cast photos, radiographs, add slides as needed

## Periodontal Charting

- Ensure that the periodontal charting is readable.
- Highlight, surround, point to, or zoom in on areas of interest.

zoom in

# Diagnosis

Diagnosis pertaining to Rounds discussion,
slide

## **Problem List**

- 1 slide
- Include graphics as needed

### **D1** Basic Science

- **1-2 slides** (Summarizes written report in D1 Basic Sciences Template posted in Rounds Website.)
- D1 Basic Science Question:
- Discussion:
- Reference citation(s):
  - Scholarly source(s) only

# D<sub>2</sub> Pathology

- **1-2 slides** (Summarizes written report in D2 Pathology Template posted in Rounds Website.)
- D2 Pathology Question:
- Discussion:
- Reference citation(s):

## D<sub>3</sub> PICO

Clinical Question:

### **PICO Format**

**P**:

C:

O:

## **PICO Formatted Question**

## **Clinical Bottom Line**

# Search Background

- Date(s) of Search:
- Database(s) Used:
- Search Strategy/Keywords:

# Search Background

MESH terms used:

## Article 1 Citation, Introduction

Citation: Authors, Title, Journal, Date,
Volume, Page Numbers.

- Study Design:
- Study Need / Purpose:

# Article 1 Synopsis

- 1-2 slides
- Method
- Results
- Conclusions
- Limitations

## Article 1 Selection

- 1 slide
- Reason for selection
- Applicability to your patient
- Implications

## Article 2 Citation, Introduction

Citation: Authors, Title, Journal, Date,
Volume, Page Numbers.

- Study Design:
- Study Need / Purpose:

# Article 2 Synopsis

- 1-2 slides
- Method
- Results
- Conclusions
- Limitations

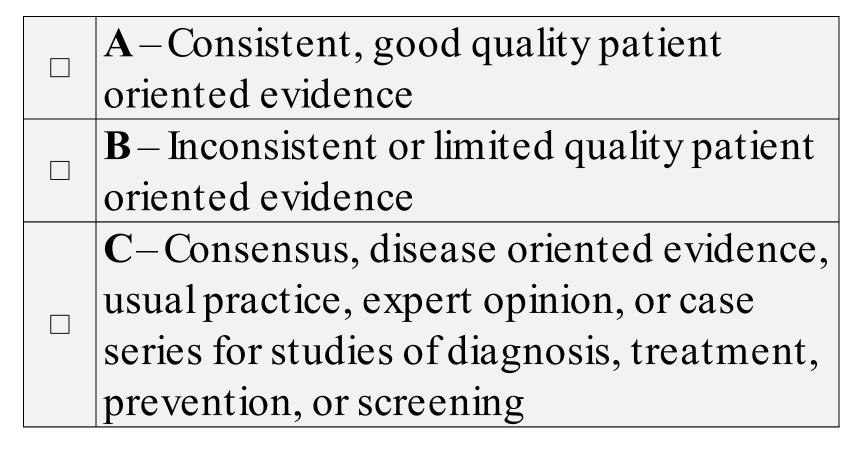
## Article 2 Selection

- 1 slide
- Reason for selection
- Applicability to your patient
- Implications

## Levels of Evidence

□ 1a – Clinical Practice Guideline, Meta-Analysis, Systematic Review of Randomized Control
Trials (RCTs)
□ <b>1b</b> – Individual RCT
□ 2a – Systematic Review of Cohort Studies
□ <b>2b</b> – Individual Cohort Study
□ 3 – Cross-sectional Studies, Ecologic Studies, "Outcomes" Research
☐ 4a — Systematic Review of Case Control Studies
□ <b>4b</b> – Individual Case Control Study
□ <b>5</b> – Case Series, Case Reports
☐ <b>6</b> – Expert Opinion without explicit critical appraisal, Narrative Review
□ <b>7</b> – Animal Research
□ 8 – In Vitro Research

# Strength of Recommendation Taxonomy (SORT)



Double click table to activate check-boxes

## Conclusions: D3

#### How does the evidence apply to this patient?

- Consider/weigh:
  - Literature
  - Group Leader & Specialist experience
  - Patient circumstances & preferences

Based on the above considerations, how will you advise your D4?

## Conclusions: D4

Based on your D3's bottom line recommendations, how will you *advise* your patient?

How will you *help* your patient?

## **Discussion Questions**

- 1-2 slides
- List posted discussion questions
- Questions may also be from Group Leader or Specialist

## **Discussion Questions**

### **THANK YOU**