

# Management/Diagnosis of Periapical Osseous Dysplasia

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Evidence Based Dentistry Rounds  
**Specialty: Oral Radiology/Pathology**

Group 9A-4  
9/23/2020

# Rounds Team

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**Group Leader: Dr. Derderian**

**Specialty Leader: Dr. Demirturk**

**Project Team Leader: Kyrell Wright**

**Project Team Participants:**

- **D1: Scott Meyers**
- **D2: Suzanne Kukec**
- **D3: Krystal Hoang**

# Patient

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- 1-2 slides, patient background
- Age: 43 years old
- Gender: Male
- Ethnicity: African-American
- Chief Complaint: “I want to get my front tooth replaced immediately.”
- Additional pertinent information
- Information is de-identified throughout presentation

# Medical History

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1 slide describing medical history

Current & past:

- Diagnoses
- Conditions
- Medications: Oxycodone 15 mg three times a day for lower back pain
- Medical Consults, if any
- Treatment considerations

# Dental History

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1 slide describing past dental history

# Radiographs

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Panoramic image (if available)

# Radiographs

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Full mouth series (BWV & PAX)

Although all BWV 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

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1 slide summarizing pertinent radiologic findings

Illustrate with radiograph and/or other graphics as needed



# Clinical Findings

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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

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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

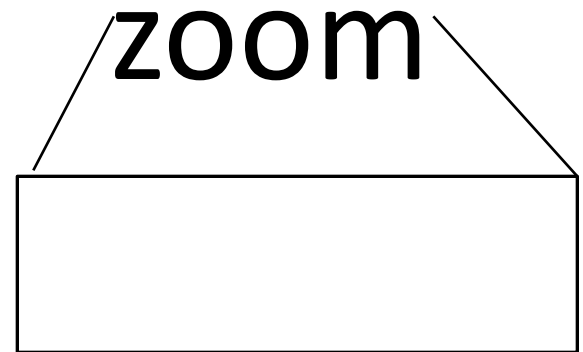
# Periodontal Charting

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Ensure that the periodontal charting is readable.

**Highlight**, surround, point to, or **zoom in** on areas of interest.

in



# Diagnosis

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Diagnosis pertaining to Rounds discussion,

1 slide

Periapical Osseous Dysplasia (POD)

(Early form of Periapical Cemento-Osseous Dysplasia) (PCOD)

# Problem List

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1 slide

Include graphics as needed

One to

# D1 Basic Science

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*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***

# D2 Pathology

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*1-2 slides (Summarizes written report in D2 Pathology Template posted in Rounds Website.)*

***D2 Pathology Question:***

***Discussion:***

***Reference citation(s):***

# D3 PICO

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**Clinical Question:**



# PICO Format

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**P:**

**I:**

**C:**

**O:**

# PICO Formatted Question

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# Clinical Bottom Line

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# Search Background

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**Date(s) of Search:**

**Database(s) Used:**

**Search Strategy/Keywords:**

# Search Background

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**MESH terms used:**

# Article 1 Citation, Introduction

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

Study Design:

Study Need / Purpose:

# Article 1 Synopsis

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1-2 slides

Method

Results

Conclusions

Limitations

# Article 1 Selection

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1 slide

Reason for selection

Applicability to your patient

Implications



# Article 2 Citation, Introduction

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

Study Design:

Study Need / Purpose:

# Article 2 Synopsis

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1-2 slides

Method

Results

Conclusions

Limitations

# Article 2 Selection

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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)
- ☐ **1b** – Individual RCT
- ☐ **2a** – Systematic Review of Cohort Studies
- ☐ **2b** – Individual Cohort Study
- ☐ **3** – Cross-sectional Studies, Ecologic Studies, “Outcomes” Research
- ☐ **4a** – Systematic Review of Case Control Studies
- ☐ **4b** – Individual Case Control Study
- ☐ **5** – Case Series, Case Reports
- ☐ **6** – Expert Opinion without explicit critical appraisal, Narrative Review
- ☐ **7** – Animal Research
- ☐ **8** – In Vitro Research

# Strength of Recommendation Taxonomy (SORT)

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<input type="checkbox"/>	<b>A</b> – Consistent, good quality patient oriented evidence
<input type="checkbox"/>	<b>B</b> – Inconsistent or limited quality patient oriented evidence
<input type="checkbox"/>	<b>C</b> – Consensus, disease oriented evidence, usual practice, expert opinion, or case series for studies of diagnosis, treatment, prevention, or screening

Double click table to activate check-boxes

# Conclusions: D3

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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

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

How will you ***help*** your patient?

# Discussion Questions

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1-2 slides

List posted discussion questions

Questions may also be from Group Leader or Specialist



# Discussion Questions

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# THANK YOU

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