FALL ROUNDS

IMPACTED CANINES

EVIDENCE BASED DENTISTRY
ORTHODONTICS
GROUP B
TEAM 4A-5
10/28/2020

ROUNDS TEAM

- **Group Leader: Dr. Grady**

- **Specialty Leader: Dr. Liu**

- **Project Team Leader: Alyssa Marchetti**

- **Project Team Participants: Eleni Langas; Suanet Negron-Valdez; Mansour Mohammed**

PATIENT: DP

- Age: 14
- Gender: Female
- Ethnicity: Hispanic
- Chief Complaint: "I have a tooth that will not come in"

MEDICAL HISTORY

- Conditions:
  - ADD/ADHD
  - Eczema
- Medications:
  - Guanfacine
  - Methylphenidate
  - Topical steroids

DENTAL HISTORY

- Clicking upon opening

- Bruxism

- Sealants - #3, #14, #19, #30

- Resins - #2O, #15O, #18O, #31O
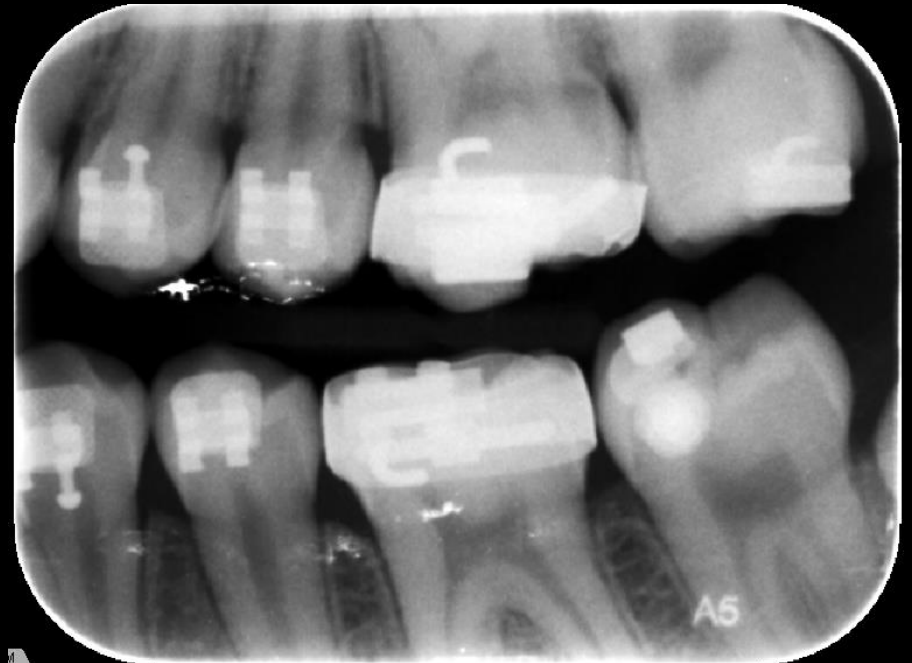
Radiographs

Before Treatment: 2017

Before Treatment: 2017

Right Side Bitewings:2020

Left Bitewings: 2020

RADIOGRAPHIC FINDINGS

- 1 slide summarizing pertinent radiologic findings

- Illustrate with radiograph and/or other graphics as needed

CLINICAL PHOTOS

Facial Profile

Facial Front

Facial Front Smiling

Occlusal Upper

6/30/2017

Occlusal Lower

Intraoral Right

Intraoral Center

Intraoral Left

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

PERIODONTAL CHARTING

Lingual

	32	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17
PROGNOSIS																
FURCA																
PLAQUE		P P P	P P P				P P P	P P P	P P P	P P P				P P P	P P P	
BOP																
MGJ																
CAL			2 3 3				2 1 2	2 1 2	2 1 2	2 1 2				3 1 3		
P.D.			3 4 4				2 1 2	2 1 2	2 1 2	2 1 2				4 2 4		
FGM			-1 -1 -1											-1 -1 -1		

Facial

	32	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17
FGM																
P.D.			3 1 3				2 1 3	3 1 4	2 1 3	2 1 3				3 2 3		
CAL			3 1 3				2 1 3	3 1 4	2 1 3	2 1 3				3 2 3		
MGJ																
BOP								B	B							
PLAQUE		P P P	P P P			P P P	P P P	P P P	P P P	P P P	P P P			P P P	P P P	
FURCA																
MOBILITY																

DIAGNOSIS

Impacted #6

PROBLEM LIST

- Caries

- Impacted Teeth

- Hx of TMD

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***

D2 PATHOLOGY

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

- ***D2 Pathology Question:***

- ***Discussion:***

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

D3 PICO

- **Clinical Question:**

PICO FORMAT

P:

I:

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)

☐ **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

Double click table to activate check-boxes

STRENGTH OF RECOMMENDATION TAXONOMY (SORT)

☐	**A** – Consistent, good quality patient oriented evidence
☐	**B** – Inconsistent or limited quality patient oriented evidence
☐	**C** – 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

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?

After Treatment: 2019

CLINICAL PHOTOS

9/9/2020

Occlusal Upper

Occlusal Lower

Intraoral Right

Intraoral Center

Intraoral Left

Printed: 10/14/2020

38

DISCUSSION QUESTIONS

- 1-2 slides

- List posted discussion questions

- Questions may also be from Group Leader or Specialist

DISCUSSION QUESTIONS

THANK YOU