# Rounds 3A-1

Emily Schuler, Anthony Garcia, Jake Dibbet, Mariama Price October 7th, 2020

#### **Rounds Team**

- Group Leader: Dr. Grady
- Specialty Leader: Dr. Domagala
- Project Team Leader: Emily Schuler
- Project Team Participants:
- D3: Anthony Garcia
- D2: Jake Dibbet
- D1: Mariama Price

### **Patient:**

- 57 year-old African American Male
- Presents with caretaker / sister
- Gives own consent

## **Medical History**

- Medications Fluoxetine (Prozac), Lamotrigine (Lamictal), Levetiracem (Keppra), Amlodipine (Norvasc)
- Allergies NKDA
- Additional medical concerns hypertension, seizures (10+ years), petit mal in 2016, grand mal seizure in 2010, traumatic brain injury (20+ years ago), vision problems, past tobacco smoker.

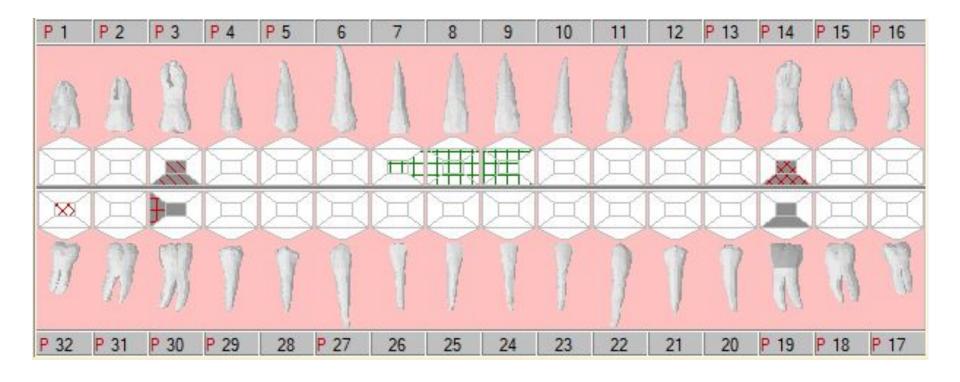
## **Dental History**

- LV to DDS prior to MUSoD was in 2017 in Racine
- Hx of amalgam restorations, no concerns w/ past dental visits
- Caries Risk Assessment: medium
- Oral Cancer Risk Assessment: high
- Home care:
  - Caretaker / sister help with OH
  - Brushes X, flosses X

#### **Problem List**

- Caries
- Crowding
- Defective restoration
- Fractured teeth
- Home care

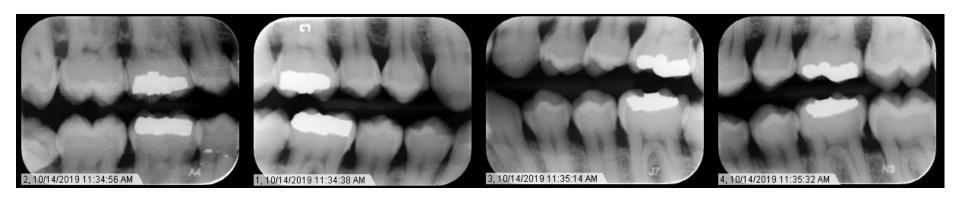
# **Dental History**



## **Panoramic**



# **Posterior Bite Wings**



# **Anterior PAs**







# **Radiographic Findings**

- No missing teeth (note third molars present)
- Some bone loss, but not excessive
- Subgingival calculus
- Fractured #7-9
- Lower anterior crowding
- RL associated w/ #8

### **Clinical Photos**

## **Clinical Findings**

- Extra oral exam findings: Nontender submucosal swelling on left sternocleidomastoid muscle.
- Soft tissue findings: bilateral linea alba, bilateral mandibular tori
- Minimal Caries (recurrent decay on #14, #30).
- Probing at sites #7-10 all < 3mm.</li>

# **Specific Findings**

- Endo testing:
  - **#7**:
  - **%** #8:
  - **9**:

# **Periodontal Charting**

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111	000	010	000	000	000	-1-1-1	020	-5-1-1	010	120	010	0 1 0	111	010	000	FGM
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# **Diagnosis**

- Periodontitis Stage II, Grade B
- **#7**:
- #8:
- #9:

**Recommendations made to patient:** XX

#### **D1** Basic Science

What makes up a neuron and how does it transmit signals in the brain?

# Neurons and brain signal transmission

Details here...

### References

# D2 Pathology

What is Traumatic Brain Injury?

# **Traumatic Brain Injury**

Details here...

### References

#### **D3 PICO Format**

**P:** Patients with Traumatic Brain Injury and fractured anterior teeth

**I:** restorative work

C: no treatment

O: Long term success

# **PICO Formatted Question**

List question here...

### **Clinical Bottom Line**

## **Search Background**

- Date(s) of Search: XX
- Database(s) Used: PubMed, Cochrane Library of Systematic Reviews
- Search Strategy/Keywords: List words here
- MESH terms used: list words here

#### **Article 1: "title here"**

Study design / methods:

### **Article 1 Selection:**

### **Article 1 Results:**

#### Article 2: "title here"

Study design / methods:

### **Article 2 Selection:**

### **Article 2 Results:**

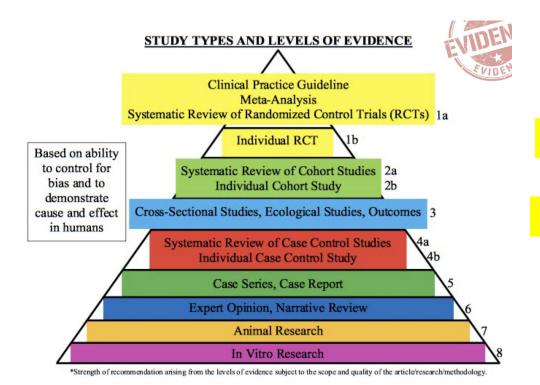
#### Article 3: "title here"

Study design / methods:

### **Article 3 Selection:**

### **Article 2 Results:**

#### **Levels of Evidence**



Article 1: "Title 1" - la

Article 2: "Title 2" - la

Article 3: "Title 3" - 1b

# How strong is our research?

- A Consistent, good quality patient oriented evidence
- **B** Inconsistent or limited quality patient oriented evidence
  - usual practice, expert opinion, or case series for studies of diagnosis, treatment, prevention, or screening



## **Conclusions**

# **Discussion Questions**

List questions posted here...