# SELECTING SUCCESSFUL RPD ABUTMENTS: CROWN TO ROOT RATIO

7B-5

NOVEMBER  $18^{TH}$ , 2020

#### **ROUNDS TEAM**

- Group Leader: Dr. Rossi
- Specialty Leader: Dr. Chien
- Project Team Leader: Maggie Mueller
- Project Team Participants: Elbethel Defare, Kelsi Salzwedel, Jessica Wertz

# PATIENT: REZIQ

- 57 year old male
- CC:"I like my partial."

#### MEDICAL HISTORY

#### Significant for:

- Type II Diabetes
- Kidney stone removal

#### MEDICAL HISTORY

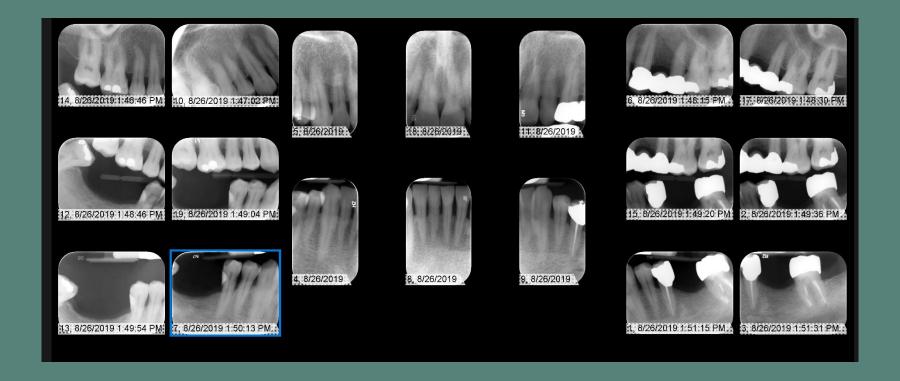
#### Medications:

- Metformin
- Glipizide
- Aspirin (81 mg)
- Vitamin D
- Potassium

#### **DENTAL HISTORY**

- Partial maxillary dentition (#12 missing)
- Partial mandibular dentition (#'s 19, 30, 31 missing)
- Previous History of Tx:
  - Restorative
  - Endo (#12, #20, #18 done before patient came to Marquette)
  - Fixed Pros
    - Bridge #11-13
    - Crowns (#18, #20)
  - Extractions (#1, 12, 16, 17, 19, 30, 31)
- Removable Partial Denture
  - Class III Mod I

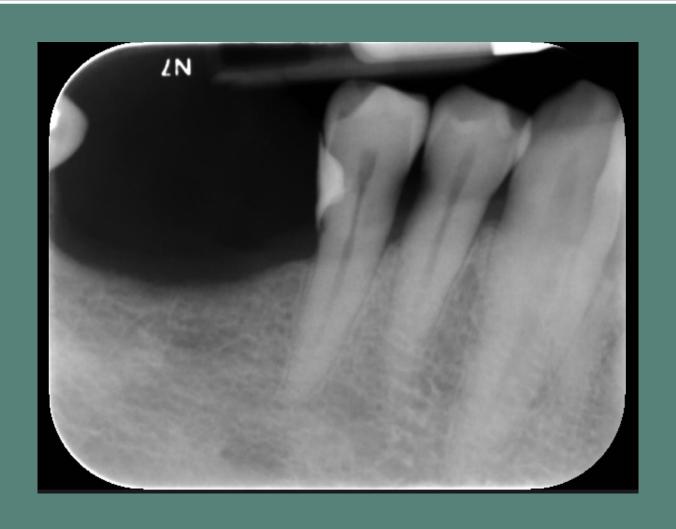
#### FMX



# BW OF LOWER RIGHT



# PA OF LOWER RIGHT



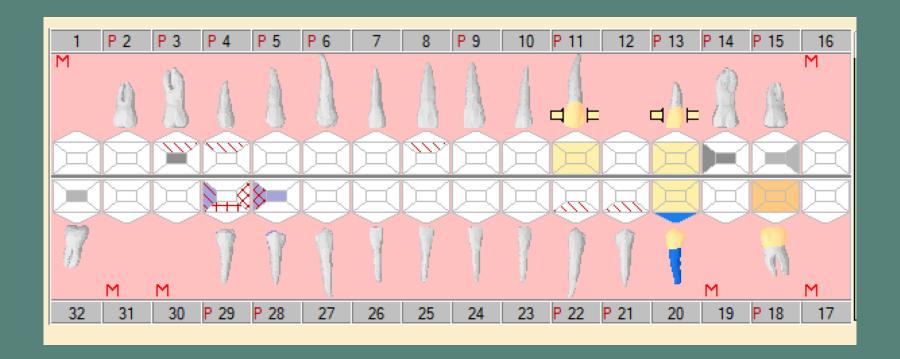
#### RADIOGRAPHIC FINDINGS

- Primary caries Mesial of #29
- Recurrent caries Distal of #28
- Non-carious cervical lesions #'s 3, 4, 8, 21, 22, 29
- PARL's present #
- Overhanging margins Distal of #15
- Bone?
- Bone loss?

#### CLINICAL FINDINGS

- Primary caries Mesial #29
- Recurrent caries Distal #28
- Defective restoration #
- Perio findings

#### UPDATED ODONTOGRAM



#### PERIODONTAL CHARTING

																MOBILITY
																FURCA
	P . P	P . P	P . P	PPP		PPP	PPP	PPP		PLAQUE						
																BOP
	4 4 4	403	3 3 3	3 3 3	3 3 3	4 4 4	3 3 3	3 3 3	4 4 4	212		3 2 3	3 2 3	4 4 4		MGJ
	2 3 2	5 9 4	3 4 2	3 4 2	3 3 2	222	3 3 3	3 3 2	122	4 4 3		3 4 4	474	5 2 3		CAL
	3 3 3	3 3 3	3 2 2	3 2 3	3 2 2	3 2 3	3 2 3	3 2 2	223	4 2 3		3 2 3	3 2 4	5 2 3		P.D.
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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
	-10-1	-10-1	-1-1-1	-1-1-1	-1-1-1	-1-1-1	-1-1-1	-1-1-1	-1-1-1	-1-1-1		-1-1-1	0 0 0	0 1 0		FGM
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	2 2 3	422	3 1 3	3 1 2	3 1 2	112	212	3 1 1	112	2 1 3		2 1 3	3 2 4	3 3 2		CAL
																MGJ
																BOP
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																BOP
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111			534	422	223	322	223	223	3 1 3	3 2 1	123	3 2 2		4 4 4		CAL
3 2 3	74		2 1 4	422	223	3 1 2	2 1 3	2 1 3	3 1 3	3 2 2	224	322		3 3 4		P.D.
-2-1-2			320	000	000	010	0 1 0	0 1 0	000	0 0 -1	-10-1	000		1 1 0		FGM
32	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	
-1-1-2			451	2 2 -1	-10-1	0 1 0	020	030	020	-130	-130	110		1 1 0		FGM
3 3 3			223	3 2 3	223	323	212	2 1 3	323	323	322	222		224		P.D.
221			674	5 4 2	122	3 3 3	232	2 4 3	3 4 3	253	252	3 3 2		3 3 4		CAL
222			100	222	222	3 3 3	3 3 3	222	222	111	222	3 3 3		3 3 3		MGJ
																BOP
PPP			PPP	PPP	PPP		PPP		PLAQUE							
																FURCA
	8															MOBILITY

#### DIAGNOSIS

- Dental caries #
- Any endo diagnosis
- Perio diagnosis

#### PROBLEM LIST

- Caries
- Defective restoration
- Missing teeth
- Perio disease
- Home care

#### DI BASIC SCIENCE

## **DI Basic Science Question:**

Discussion:

Reference citation(s):

#### D2 PATHOLOGY

## D3 PICO

Clinical Question:

## PICO FORMAT

**C**:

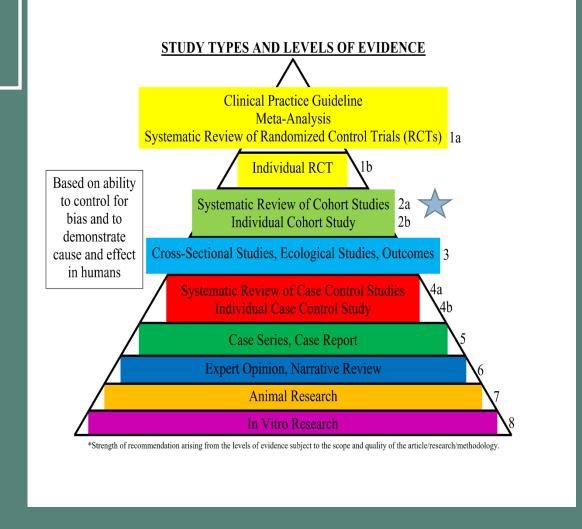
# PICO FORMATTED QUESTION

## CLINICAL BOTTOM LINE

#### SEARCH BACKGROUND

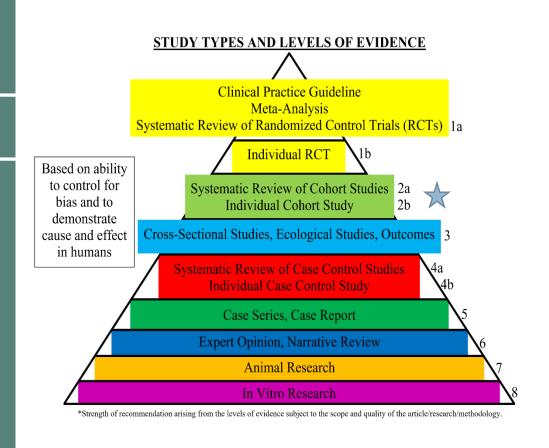
# ARTICLE I:

# CHOICE OF ARTICLE I



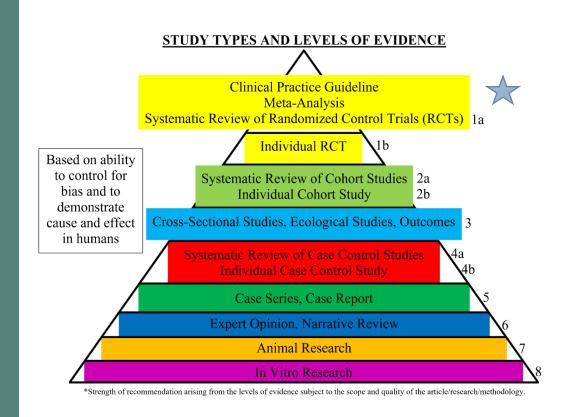
# ARTICLE 2:

# CHOICE OF ARTICLE2



#### ARTICLE 3:

#### Choice of Article 3



# Summary of Research

☑ <b>1a</b> – Clinical Practice Guideline, Meta-Analysis, Systematic Review of Randomized Control
Trials (RCTs)
□ <b>1b</b> – Individual RCT
☐ 2a — Systematic Review of Cohort Studies
☑ 2b – Individual Cohort Study
☐ <b>3</b> – Cross-sectional Studies, Ecologic Studies, "Outcomes" Research
☐ <b>4a</b> – 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

#### RECOMMENDATION LEVEL

Strength of Recommendation Taxonomy (SORT) For Guidelines and Systematic Reviews
See article J Evid Base Dent Pract 2007;147-150
☐ A – Consistent, good quality patient oriented evidence
☑ B – Inconsistent or limited quality patient oriented evidence
$\square$ <b>C</b> – Consensus, disease oriented evidence, usual practice, expert opinion, or case series for
studies of diagnosis, treatment, prevention, or screening

# BOTTOM LINE

# QUESTIONS?