

# **SELECTING SUCCESSFUL RPD ABUTMENTS: CROWN TO ROOT RATIO**

7B-5

NOVEMBER 18<sup>TH</sup>, 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

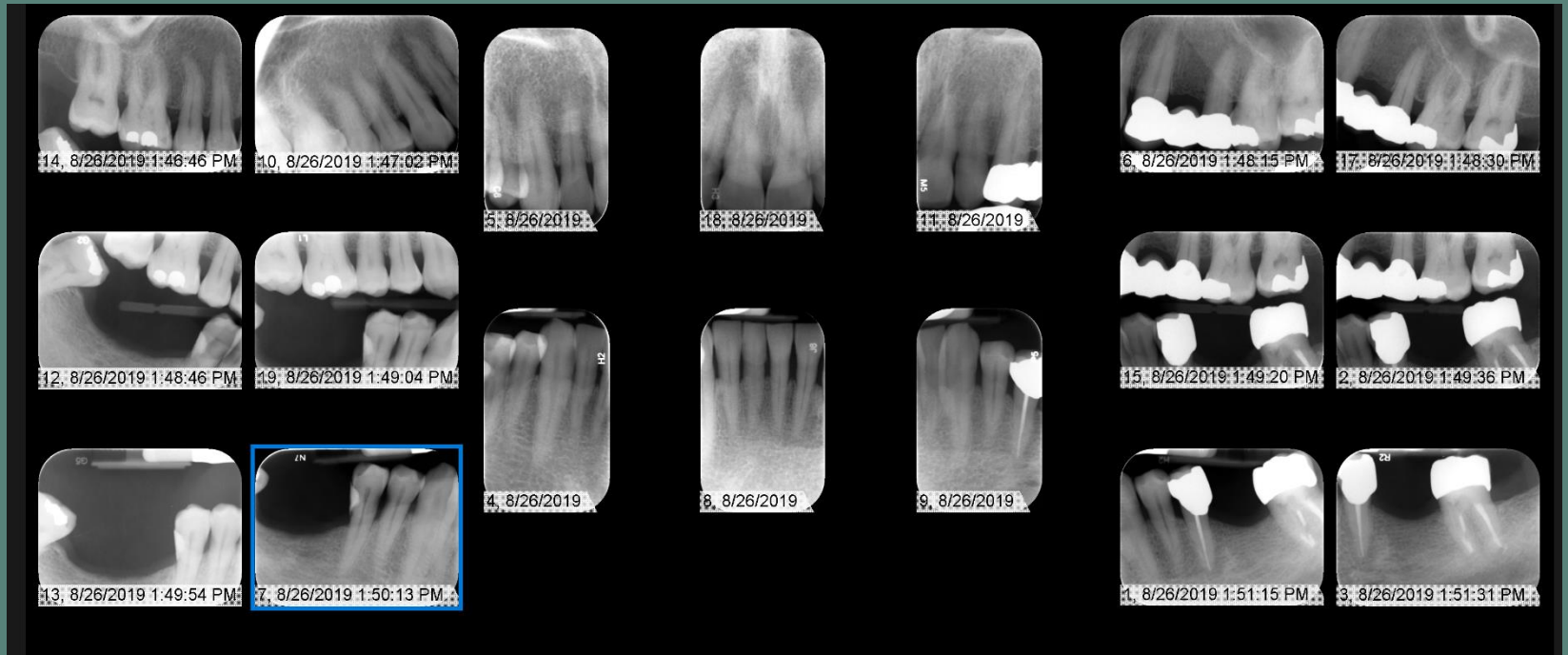
## Medications:

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

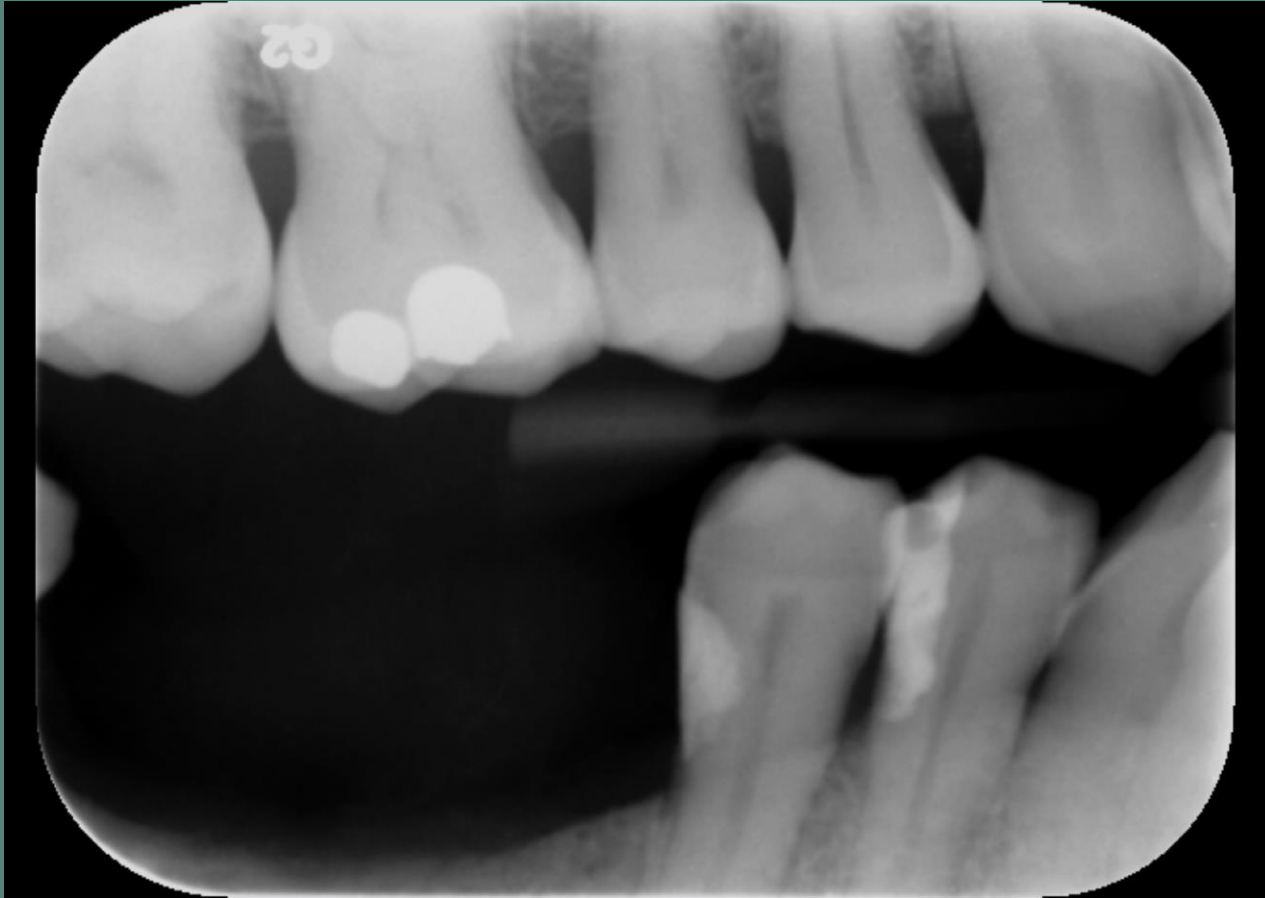
## DENTAL HISTORY

- 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

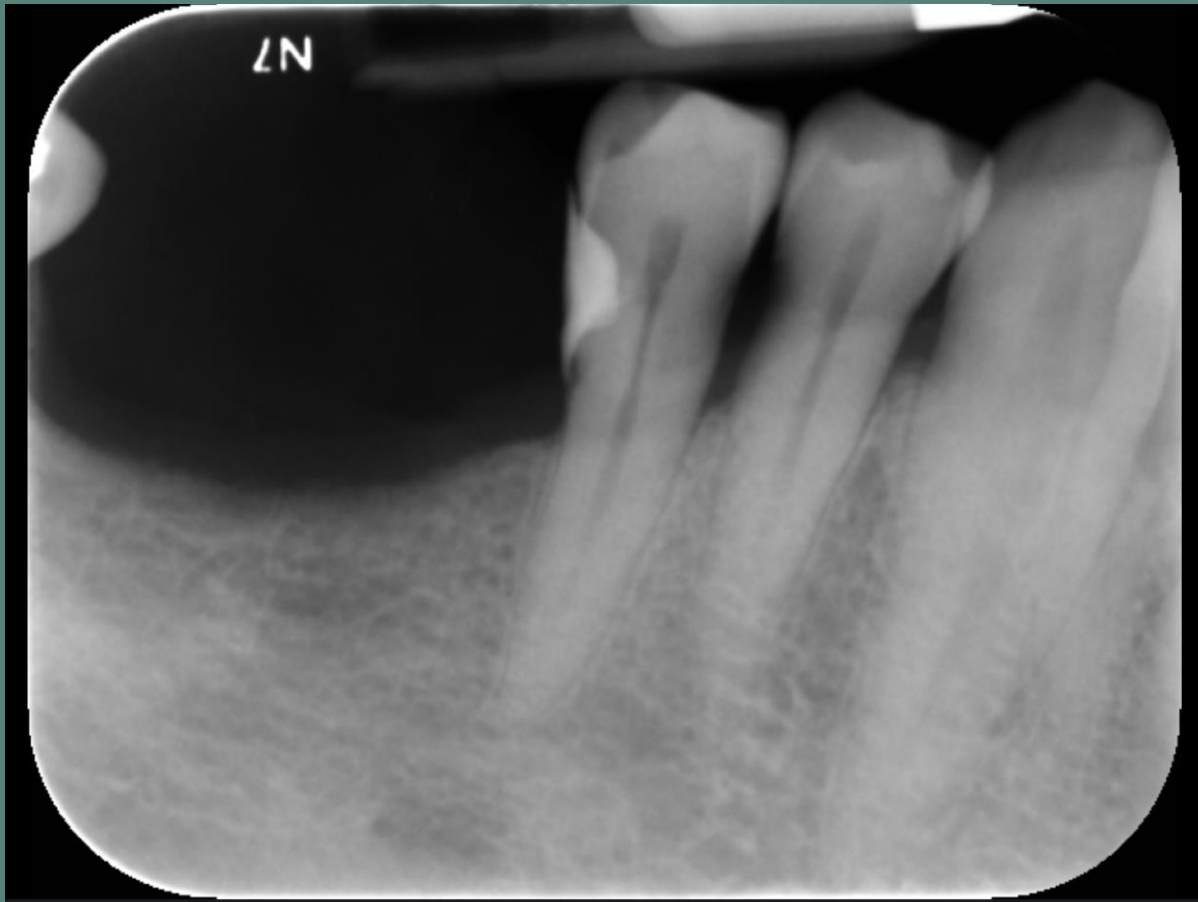


## BW OF LOWER RIGHT





## PA OF LOWER RIGHT



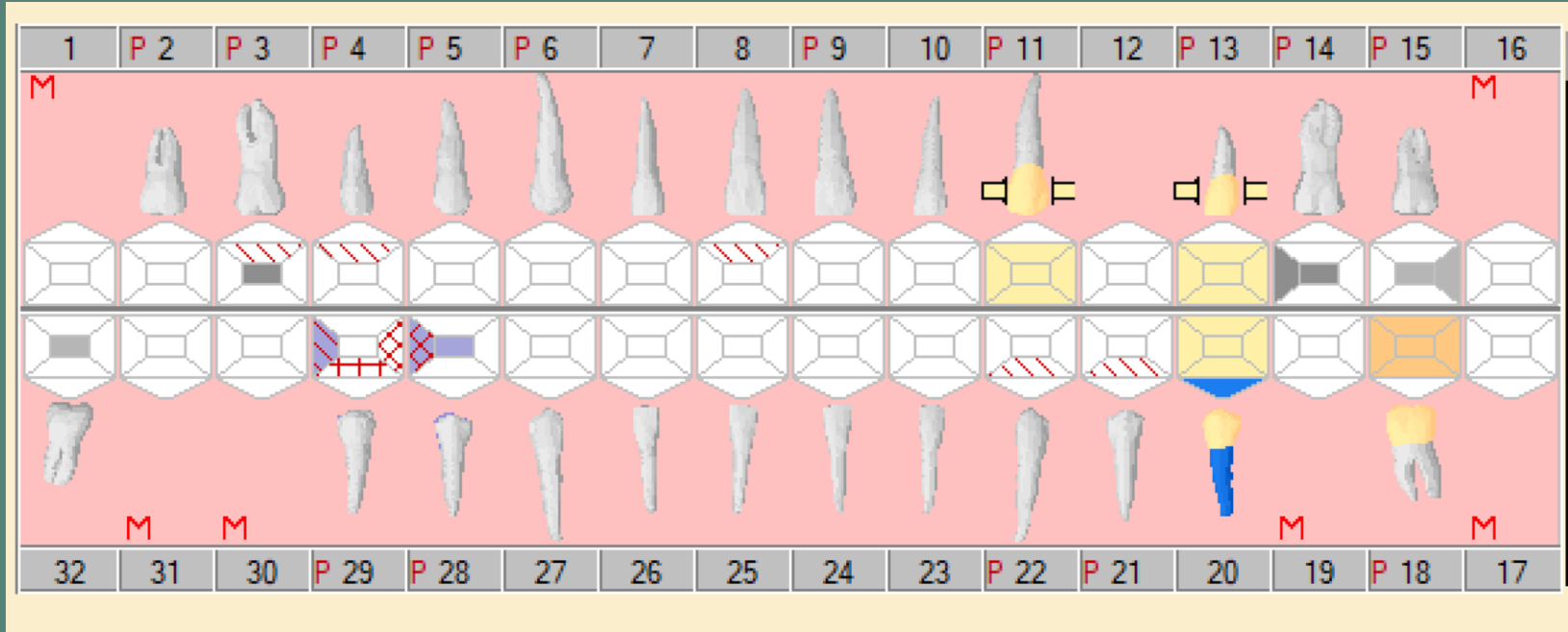
## RADIOGRAPHIC FINDINGS

- 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

[illegible]

# 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

**P:**

**I:**

**C:**

**O:**

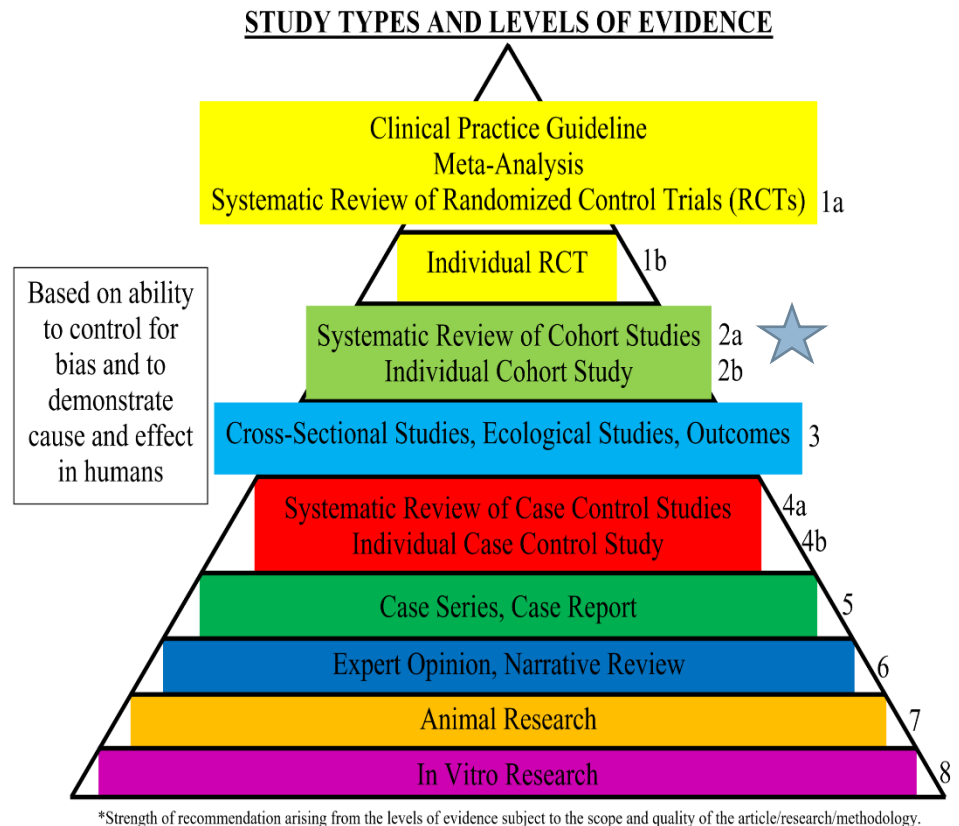
# PICO FORMATTED QUESTION

CLINICAL BOTTOM LINE

# SEARCH BACKGROUND

# ARTICLE I:

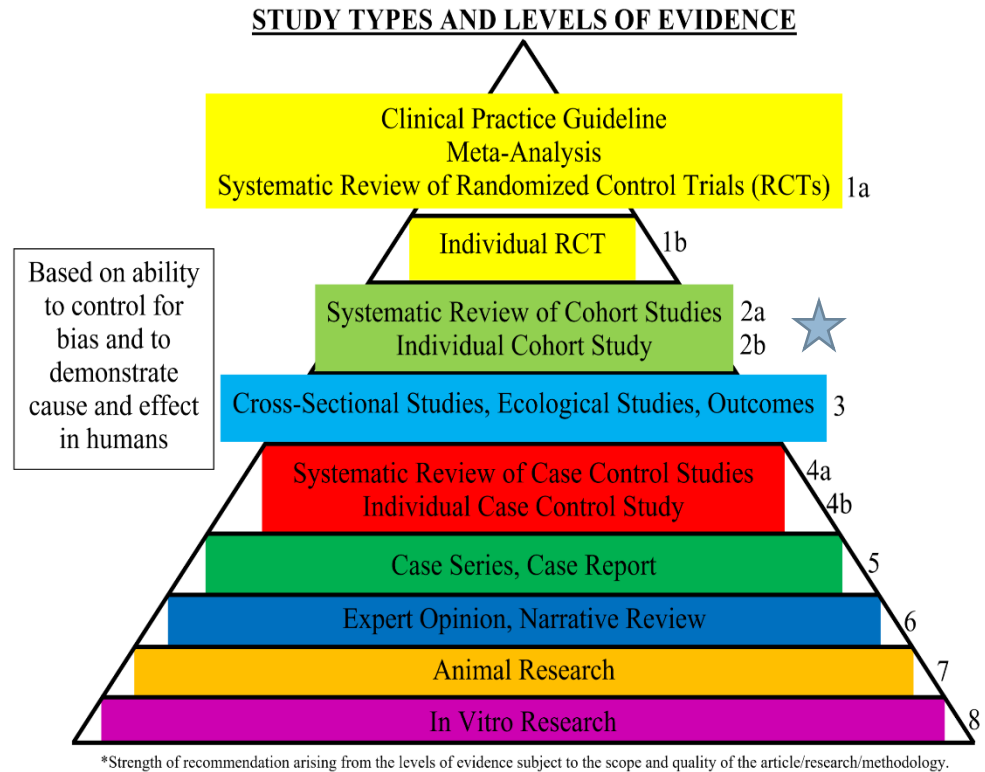
# CHOICE OF ARTICLE I





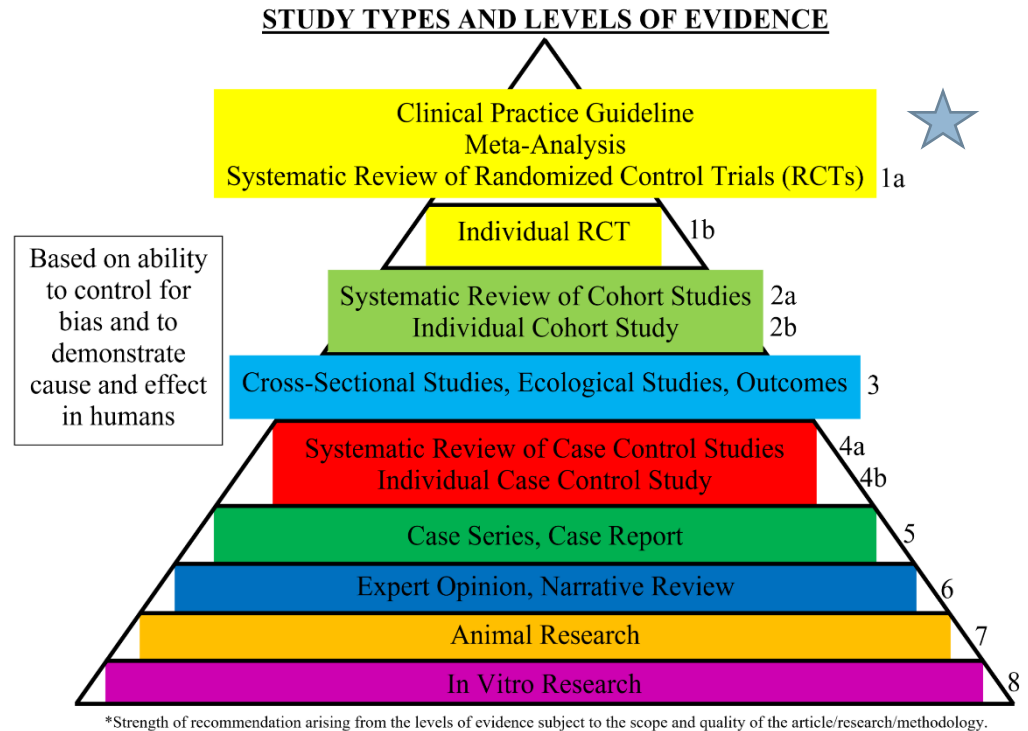
## ARTICLE 2:

## CHOICE OF ARTICLE2



## ARTICLE 3:

## Choice of Article 3



# Summary of Research

- ☒ **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

# 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
- ☐ **C** – Consensus, disease oriented evidence, usual practice, expert opinion, or case series for studies of diagnosis, treatment, prevention, or screening

BOTTOM LINE

QUESTIONS ?