



Neekita Saudagar, DDS; Karan Bajwa, DDS; Mandip Kaur DDS;

Department of Preventative and Restorative Dentistry, University of the Pacific, Arthur A. Dugoni School of Dentistry, San Francisco

Objective and Questions

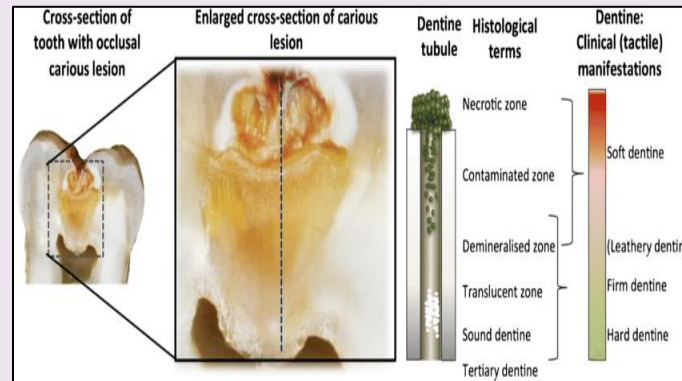
Background: Caries management is a key issue for oral health care providers. Identifying evidence-based protocols for caries assessment and managing them accordingly is paramount.

Q1: What are the key findings of CAMBRA'S Reliability, usability, and reproducibility across age groups. Application in dental schools?

Q2: How effective is adult tooth Pulpotomy?

Q3: What are the latest Non/Minimally invasive Dental Interventions?

Cavitated lesion (Ogawa et al; 1983)



Discussion and Conclusion

1. Minimal intervention dentistry is a shift from 'compulsive' restorative procedures to informed therapeutic strategies.
2. Caries risk assessment in different age groups.
3. Pediatric dental care – prevention and management protocols using caries risk assessment for infants and young children
4. Detection and diagnosis of initial caries lesions
5. Atraumatic restorative treatment (ART) – a minimum intervention
6. Caries inhibition by resin infiltration
7. MI- rationale and techniques.

Research Method

- Scoping review of English - Articles from 1990 onwards in dental databases.
- **Key terms included:** CAMBRA, caries risk assessment, Selective, nonselective caries removal, Adult tooth pulpotomy and minimally invasive dentistry.
- Out of 203 articles, **30 relevant articles** were selected.

Findings

CAMBRA

- Offers Clinician- Evaluation tool effectiveness of preventive and management strategies.
- Imperative Guide for patient education

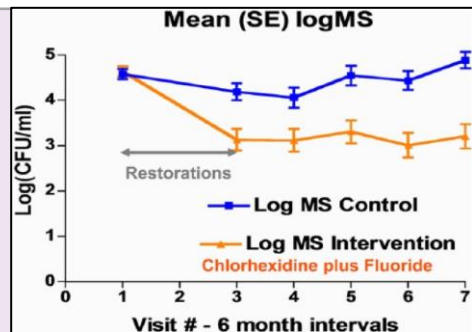
ADA Guidelines

- **Stepwise excavation:** Decreases risk of pulp
- Management of deep caries lesions
- Vital pulp treatment due to better prognosis

Minimally Invasive Dentistry

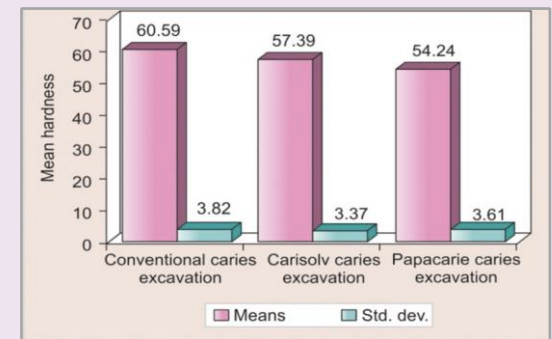
- Provides therapeutic effects with CAMBRA
- Significantly reduces long-term restorative needs and costs

(Featherstone & Chaffee, 2018)



Mean (SE) log of mutans streptococci counts in saliva (colony-forming units per milliliter) at baseline and at follow-up visits every 6 months in a randomized controlled clinical trial that examined caries management by risk assessment using chemical intervention therapy (Featherstone et al. 2012)

Efficiency and Effectiveness of Minimally Invasive Methods



Acknowledgements

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