

Critically Appraised Topic (CAT)

Project Team:
9A-4
Project Team Participants:
Kyrell Wright, Krystal Hoang, Suzanne Kukec, Scott Meyers
Clinical Question:
What is the radiographic presentation of periapical osseous dysplasia?
PICO Format:
P:
Patients with periapical osseous dysplasia
I:
overtreatment
C:
Patients with periapical lesions
O:
Preventing overtreatment/unnecessary root canal treatment
PICO Formatted Question:
How do you prevent over-treatment of patients presenting with periapical lesions as compared to periapical osseous dysplasia?
Clinical Bottom Line:
Accurate diagnosis and follow-up
Date(s) of Search:
Friday September 11 th – Wednesday September 16 th
Database(s) Used:
PubMed
Search Strategy/Keywords:
Endodontic lesions
Management
MESH terms used:
Click here to enter text.
Article(s) Cited:
Senia ES, Sarao MS. Periapical cemento-osseous dysplasia: a case report with twelve-year follow-up and review of literature. <i>Int Endod J</i> . 2015;48(11):1086-1099. doi:10.1111/iej.12417
Study Design(s):
Case Report

Reason for Article Selection:
Click here to enter text.
Article(s) Synopsis:
Click here to enter text.
<p>Levels of Evidence: (For Therapy/Prevention, Etiology/Harm)</p> <p>See http://www.cebm.net/index.aspx?o=1025</p> <p><input type="checkbox"/> 1a – Clinical Practice Guideline, Meta-Analysis, Systematic Review of Randomized Control Trials (RCTs)</p> <p><input type="checkbox"/> 1b – Individual RCT</p> <p><input type="checkbox"/> 2a – Systematic Review of Cohort Studies</p> <p><input type="checkbox"/> 2b – Individual Cohort Study</p> <p><input type="checkbox"/> 3 – Cross-sectional Studies, Ecologic Studies, “Outcomes” Research</p> <p><input type="checkbox"/> 4a – Systematic Review of Case Control Studies</p> <p><input type="checkbox"/> 4b – Individual Case Control Study</p> <p><input type="checkbox"/> 5 – Case Series, Case Reports</p> <p><input type="checkbox"/> 6 – Expert Opinion without explicit critical appraisal, Narrative Review</p> <p><input type="checkbox"/> 7 – Animal Research</p> <p><input type="checkbox"/> 8 – In Vitro Research</p>
<p>Strength of Recommendation Taxonomy (SORT) For Guidelines and Systematic Reviews</p> <p>See article J Evid Base Dent Pract 2007;147-150</p> <p><input type="checkbox"/> A – Consistent, good quality patient oriented evidence</p> <p><input type="checkbox"/> B – Inconsistent or limited quality patient oriented evidence</p> <p><input type="checkbox"/> C – Consensus, disease oriented evidence, usual practice, expert opinion, or case series for studies of diagnosis, treatment, prevention, or screening</p>
Conclusion(s):
Click here to enter text.

