

Critically Appraised Topic (CAT)

Project Team:
6A-3
Project Team Participants:
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Clinical Question:
Do calcium channel blockers impact gingival hyperplasia and treatment outcomes?
PICO Format:
P:
Patient who has hypertension
I:
Taking calcium channel blockers to control hypertension
C:
Not using calcium channel blockers via switching from calcium channel blockers to another medication to control hypertension
O:
Gingival hyperplasia control
PICO Formatted Question:
Can gingival hyperplasia be well controlled in patients who are taking calcium channel blockers for hypertension?
Clinical Bottom Line:
Article 1 – Is dental plaque the only etiological factor in Amlodipine induced gingival growth? A systematic review of evidence. Calcium channel blockers are the most common antihypertensive agents prescribed (37%). Amlodipine is used alone or in combination. Usually require lifelong administration and a common side effect is gingival overgrowth.
Date(s) of Search:
Click here to enter text.
Database(s) Used:
Click here to enter text.
Search Strategy/Keywords:
Click here to enter text.
MESH terms used:
Click here to enter text.
Article(s) Cited:
Click here to enter text.
Study Design(s):
Click here to enter text.

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.

