Articles

The following journal articles are available from the Library and Knowledge Service electronically or in print. Please follow links to access full text online, contact me to order copies, or call into your nearest library.

**Fixed orthodontic treatment has an insignificant effect on clinical attachment level.**
Hend S. *Evidence-Based Dentistry* 2019;20(2):60-61.

**Injectable local anaesthetic agents for dental anaesthesia.**
Spivakovsky S. *Evidence-Based Dentistry* 2019;20(2):42-43.
[This review reported eight major comparisons and concluded there is no sufficient high quality evidence to determine which formulation is more effective.]

**Is there an association between past dental visits and the incidence of cancers of the head and neck (HN), upper aerodigestive tract (UADT), and oral cavity?**
[Individuals with never/irregular/not frequent dental visits are more likely to be incident cases of cancers of the head and neck and upper aerodigestive tract.]

**One phase or two phases orthodontic treatment for Class II division 1 malocclusion?**
[Evidence of low to moderate quality suggests that providing early orthodontic treatment for children with prominent upper front teeth is more effective for reducing the incidence of incisal trauma than providing one course of orthodontic treatment in adolescence.]

**Which treatments are best for oro-antral fistulae?**
[Only one study with unclear risk of bias was included. As all the interventions in the one small study were effective there is insufficient evidence to assess any difference.]

Reports

The following report(s) may be of interest:

**Atraumatic restorative treatment or conventional treatment for root caries in older adults?**
The Dental Elf, 2019.
[This review of atraumatic restorative treatment or conventional treatment for restoration of root caries lesions in older adults included 3 randomised controlled trials providing insufficient data to clearly rule out whether any differences exist.]
Freely available online

**Cleft lip and palate: Autologous or alloplastic secondary alveolar bone grafting?**
The Dental Elf; 2019.

[This review of the effectiveness of autologous versus alloplastic bone for secondary alveolar bone grafting in patients with cleft lip and palate included 4 small randomised controlled trials suggesting no difference between the approaches.]

Freely available online

**White spot lesion prevention during orthodontic treatment.**
The Dental Elf; 2019.
https://www.nationalelfservice.net/dentistry/orthodontics/white-spot-lesion-prevention-orthodontic-treatment/

[This review of the efficacy of preventive interventions against the development of white spot lesions during fixed appliance orthodontic treatment included 23 trials the majority of which were at high risk of bias. The findings suggest some benefit from sealants and fluoride varnishes but more high quality research is needed.]

Freely available online

This Bulletin was created by Su Keill, Knowledge Specialist of NHS East Dorset Knowledge and Library Service.

---

**Need further help? The NHS Library & Knowledge Team is here to support the information needs of all NHS staff across Dorset. We’re happy to help you with literature searches, search skills training and advice, keeping you up to date, and general references enquiries.**

Contact us:
Telephone: 01202 442101/01202 704270
library@poole.nhs.uk  library@rbch.nhs.uk
https://dorsetnhs.libguides.com

Register for OpenAthens to access e-resources: https://openathens.nice.org.uk/

To subscribe/unsubscribe from this bulletin please reply to the email.

By signing up to receive this bulletin, you agree that the information provided (your email address and name) will be held on NHS East Dorset Library and Knowledge Service files or databases. You will only be contacted by us in reference to this bulletin. By submitting this information you agree that your details may be used for this purpose. Your details will not be passed on to any third parties.