EviDental: a one-stop-shop for systematic reviews in dentistry

**Background**

Oral diseases are highly prevalent in the world and represent a great burden of morbidity. Treatment and prevention require access to the best available evidence. Given the exponential growth in the number of systematic reviews in dentistry and the complexity of the skills needed to identify them, new approaches are required. According to the vision of the Epistemonikos Foundation, a dedicated database of all the evidence relevant to dentistry would help bringing evidence closer to those who need it.

**Objectives**

To describe the methods of “EviDental”, an unique and comprehensive database of evidence in the field of dentistry.

**Methods**

The database has been developed and will be maintained by Epistemonikos Foundation. Information technology experts and dentists from different countries are participating in its creation. The eligibility criteria of the systematic reviews included in the database were determined by consensus with specialists from all areas of dentistry.

The potentially eligible articles being screened come from two sources: traditional search strategy, potentially eligible reviews in the main Epistemonikos database (www.epistemonikos.org), and reviews classified by the L·OVE algorithms of Dentistry topics (see image 1).

**Results**

The traditional search yielded 21,351 records. The screening is scheduled to start in December 1st, 2019. Until today, the number of reviews classified by L·OVE algorithms is 6,451.

**Conclusions**

We expect to provide a one-stop shop for systematic reviews relevant to decision-making in oral health. This systematic approach strives to uphold high methodological standards. It brings together diverse expertise, demonstrating successful collaboration across borders, languages and specialties using technology and teamwork.

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