

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. .

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)

Objectives

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

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.t

L-OVE

L-OVE is the first platform that maps and organizes all of the best evidence relevant for making health decisions. A network of experts supported by artificial intelligence algorithms captures and validates information as soon as it is produced, to make it available and always updated.

Epistemonikos

Epistemonikos Database is the largest database of systematic reviews. We work to bring evidence closer to people making health decisions, through innovative technology and collaboration.

Title

Using Epistemonikos to create a one-stop shop for systematic reviews in dentistry

Authors

Verdugo-Paiva F¹, Ortuño D², Vargas JP², Lai W², Bravo-Soto GA³, Morel-Marambio M¹, Ortiz-Muñoz L¹, Bravo-Jeria R¹, Rada G³

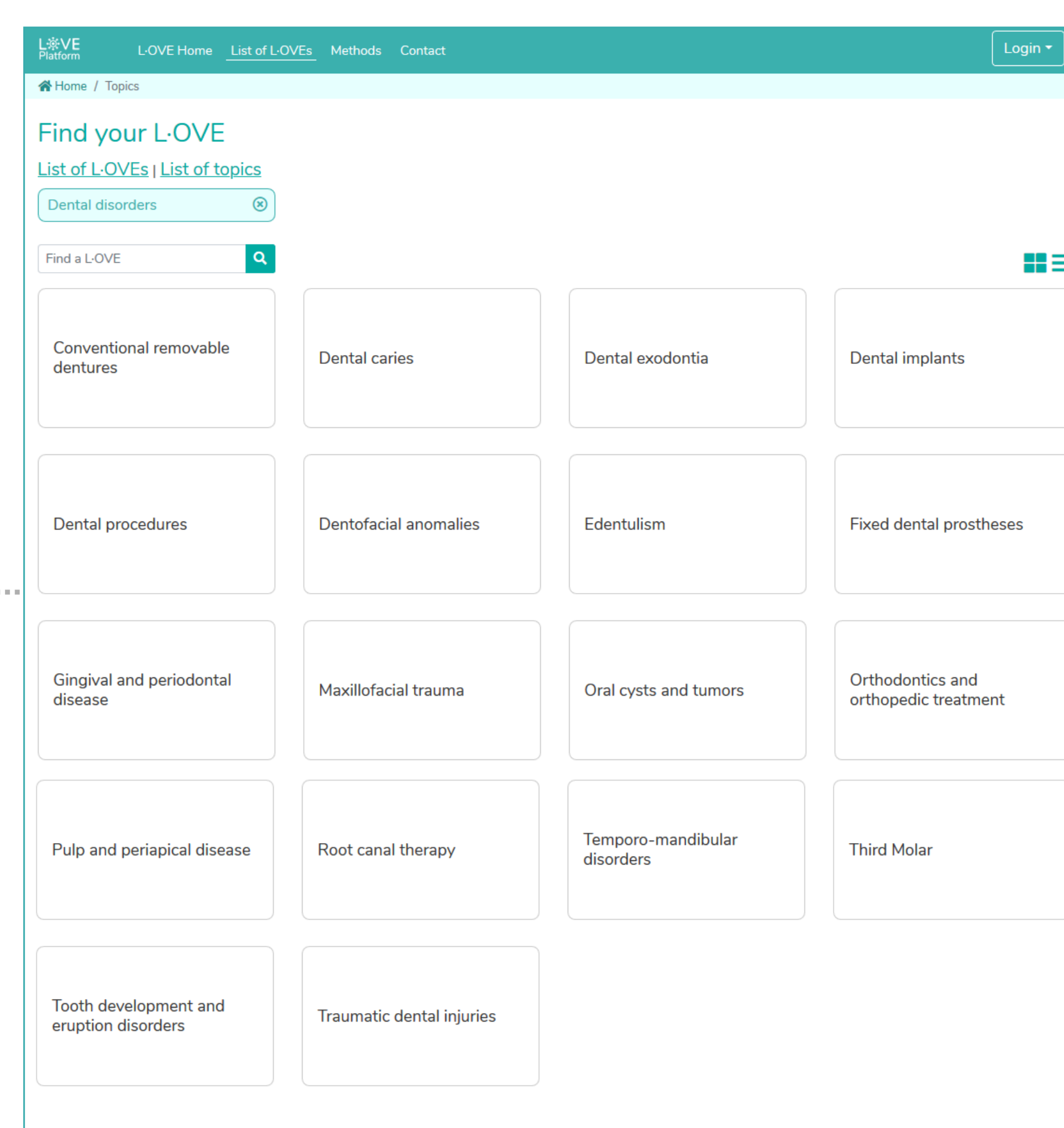
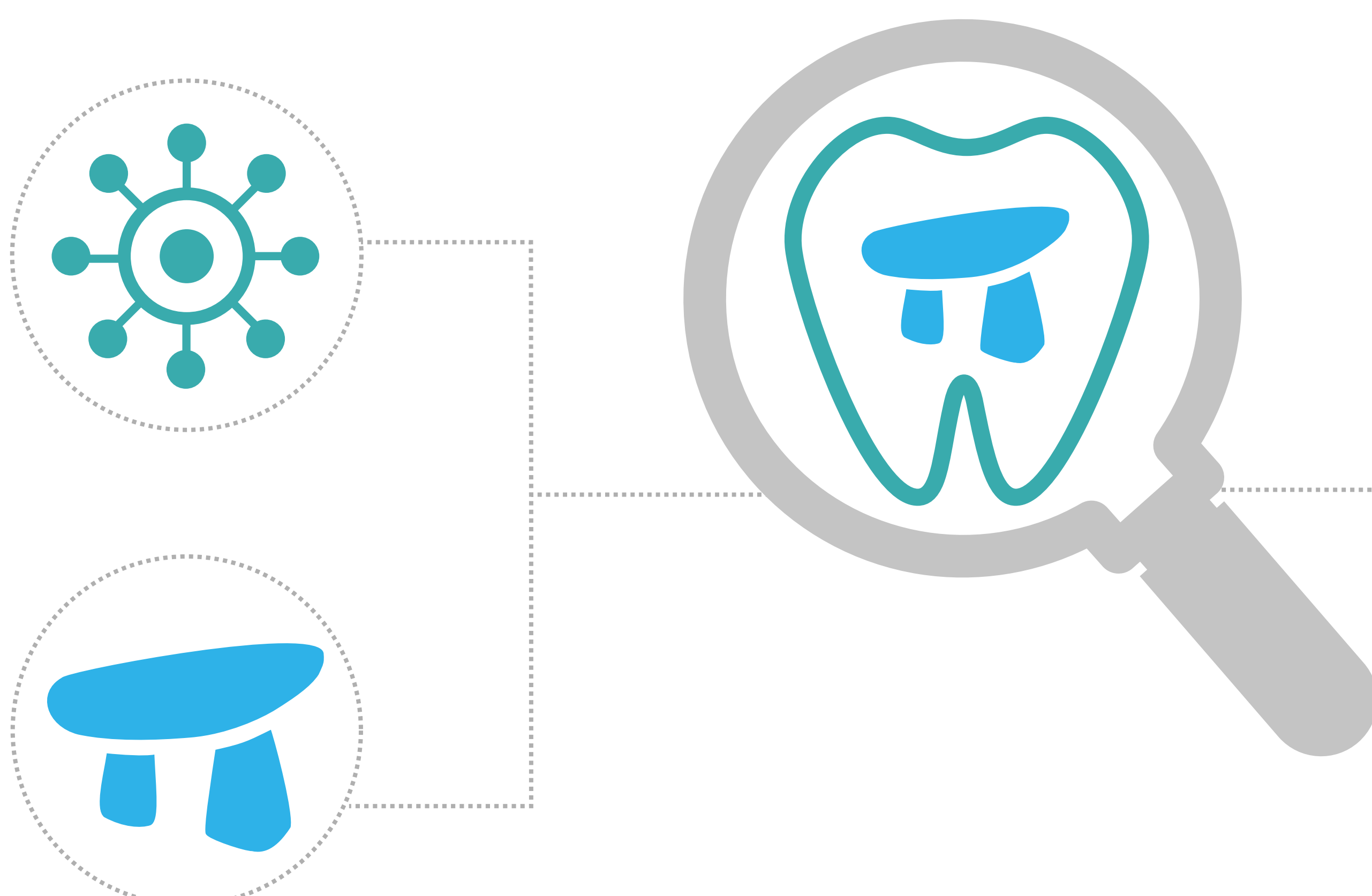
¹ Centro Evidencia UC, Chile
² Escuela de Odontología, Pontificia Universidad Católica de Chile, Chile
³ Centro Evidencia UC, Epistemonikos Foundation, Chile

EPISTEMONIKOS FOUNDATION

Centro UC Evidencia

Cochrane Chile

Download this poster



Img.1