

# “One-stop shop” of synthesised nutrition evidence to support decision-making to reduce malnutrition

# “Ventanilla única” de evidencia nutricional sintetizada para apoyar la toma de decisiones para reducir la desnutrición

## The Problem / El problema

Malnutrition, in all its forms, affects every country, wealthy people, poor people, and most of the world’s population at some point from infancy to old age. The Epistemonikos Foundation, along with Evidence-Based Health Care (EBHC) researchers, information technologists and nutrition experts from four countries are building a unique, comprehensive database of synthesized nutrition-relevant evidence. This tool aims to support evidence-informed decision-making to reduce malnutrition. We share our approach and progress in planning, curating and building the database.

## Methods / Métodos

1. Coordinated by Epistemonikos
2. Based on high methodological standards
3. Nutrition professionals with EBHC training developed draft eligibility criteria and a draft search strategy for Epistemonikos database
4. Iterative testing and refining of search strategy by content, EBHC, technology experts and Cochrane information specialist
5. Yield imported into custom screening software
6. Screening piloted to calibrate and standardize multiple screeners, and eligibility criteria refined further (more specific, using actual examples in areas with likely uncertainty)
7. Name of database is under development

## Key Results / Resultados clave

- Terms of reference for the collaboration via signed memorandums of understanding between Epistemonikos and partners
- Final search yield: n=44 596 records
- Pilot screening of n=150 records informed the final detailed eligibility criteria
- Screening is ongoing, coordinated via Red de Nutrición Basada en la Evidencia (RED-NuBE), the Centre for Evidence-based Health (CEBHC), Stellenbosch University and Epistemonikos (Table 1)
- Screening is independent and in duplicate, and all eligible records will be included
- Database architecture and design are in progress

Table 1: Current collaborators working on building the synthesized nutrition evidence database

Centre / Organization	Collaborators	Country
Epistemonikos Foundation, Santiago	Gabriel Rada Marcelo Pérez	Chile
Centre for Evidence-based Health Care, Division of Epidemiology and Biostatistics, Faculty of Medicine and Health Sciences, Stellenbosch University, Cape Town	Celeste Naude Anel Schoonees	South Africa
Centro de Evidencia UC - Pontificia Universidad Católica de Chile, Santiago	Gonzalo Bravo Luis Ortiz Rocío Bravo	Chile
Red de Nutrición Basada en la Evidencia (RED-NuBE), Academia Española de Nutrición y Dietética (AEND), Pamplona	Eduard Baladia Rodrigo Martínez-Rodríguez María E. Marqués Saby Camacho Luis Aguilar	Spain
Universidad Andrés Bello campus Concepción (Chile), Concepción	Kristian Buhning	Chile
Grupo de investigación Techné, Ingeniería del Conocimiento y del Producto, Universidad de Granada, Granada	Patricia Martínez	Spain
Instituto Politécnico Nacional, CICS-UMA	Eliud S. Aguilar Barrera	Mexico
Instituto Nacional de Enfermedades Respiratorias, Ciudad de México	Ivan Osuna	Mexico
Grupo de Especialización en Nutrición Clínica y Dietética, Academia Española de Nutrición y Dietética (AEND), Pamplona	Roland Garroz	Spain



# Epistemonikos leading a multi-country, multi-disciplinary collaboration to build a multi-lingual ‘one-stop shop’ of synthesised nutrition evidence

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