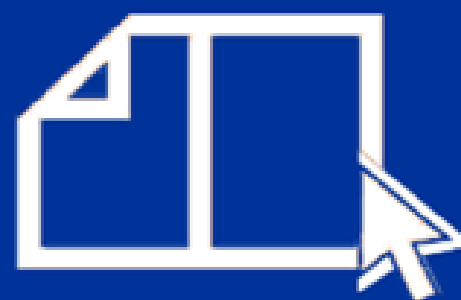




EAHIL 2016



Biblioteca Virtual
del Sistema Sanitario Público de Andalucía

Knowledge, Research, Innovation ...

eHealth

15th EAHIL 2016 Conference 11-13 june, Seville, Spain

Evaluating the information retrieval quality and methodological accuracy of Systematic Reviews and Meta-analysis on congenital malformations (2004-2014)

Alicia F. Gómez-Sánchez (CNIC. Madrid, Spain) Mar González-Cantalejo (HUMS, Spain), Gaétan Kerdelhué (CISMeF team. Rouen, France), Pablo Iriarte (CHUV Lausanne, Switzerland), Rebeca Isabel-Gómez (AETSA. Sevilla, Spain)



EUNETHTA

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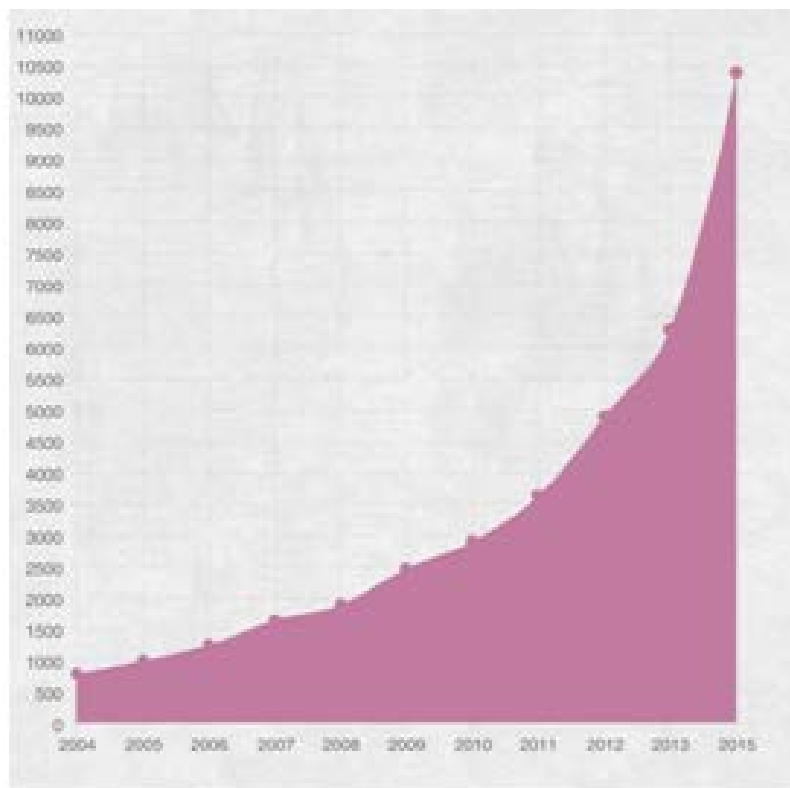
ABSTRACT

METHODS

RESULTS

DISCUSSION

Introduction



Objectives

9. Is context checked?

6. Search process fully described & transparent

3. Process for selecting study & data is included

1. Structure summary provided?

10. Risks of bias described

7. Information sources available

4. Is search data public?

12. Other reference types used

11. Other languages selected

8. Review protocol mentioned

5. Search strategy described (at least 1 DB)

2. PICOS questions are explicit in objectives



SR/MA

16. Are synonyms used?

17. Are terms truncated?

13. Search updated by the end?

15. Information Specialist is mentioned

14. Search/Selection conducted by 2 people

20. Is the search syntax adapted to each database

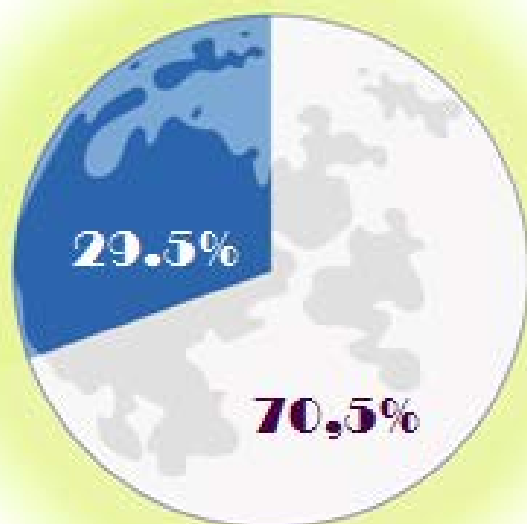
19. Search combines natural language with controlled terms

18. Controlled vocabulary used

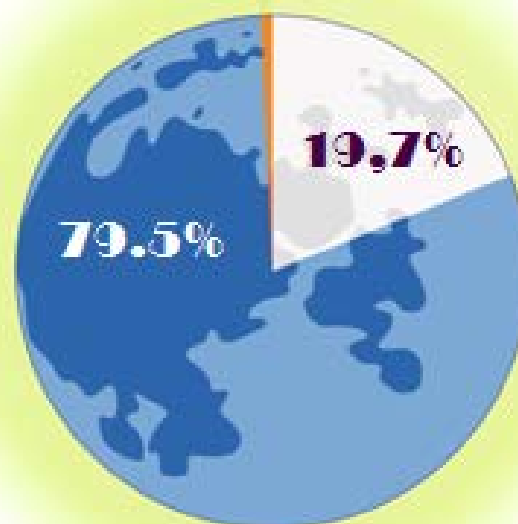


Databases: Embase + Medline
Theme: congenital malformations
Ti: Systematic Review OR
Meta-analysis
Year: 2004-2014
Lang: English, Spanish, French,
German

Structured Summary

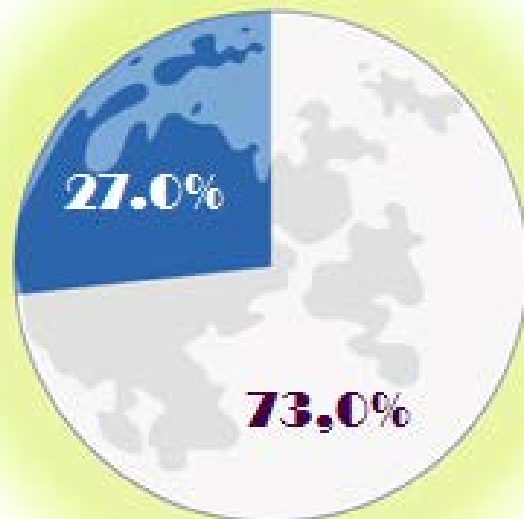


PICOS explicit in objectives

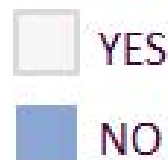
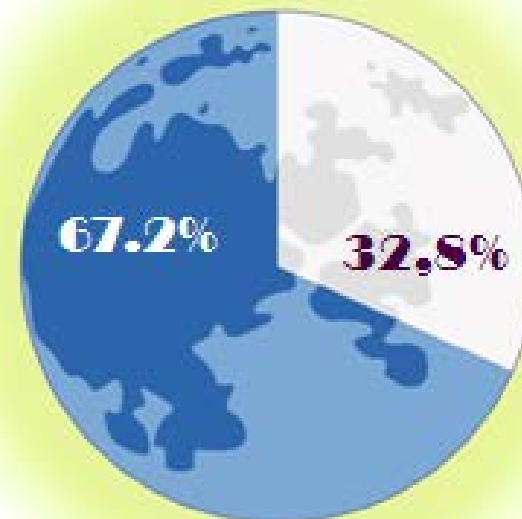


Results: transparency of methodology

Process for selecting study and data included

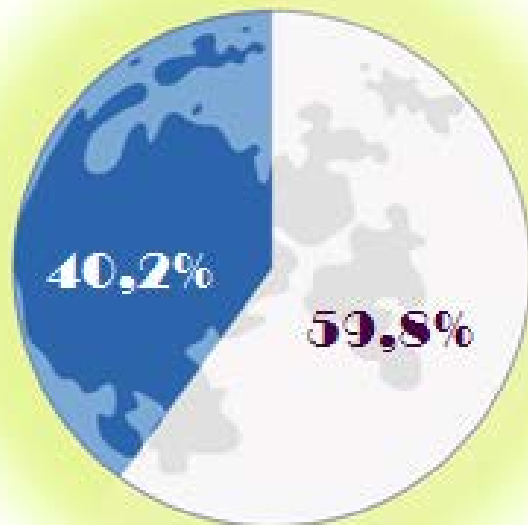


Search date public

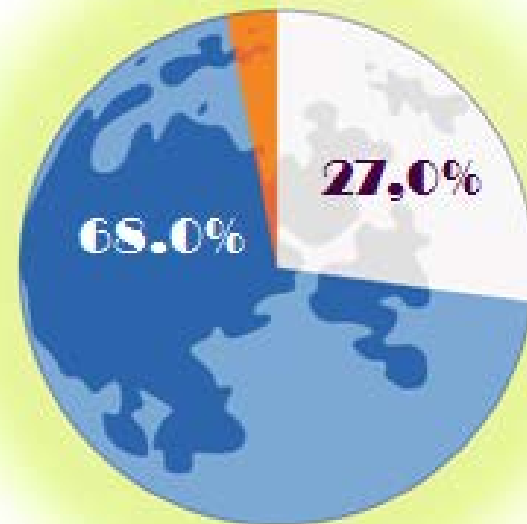


Results:
transparency of methodology

Search Strategy described

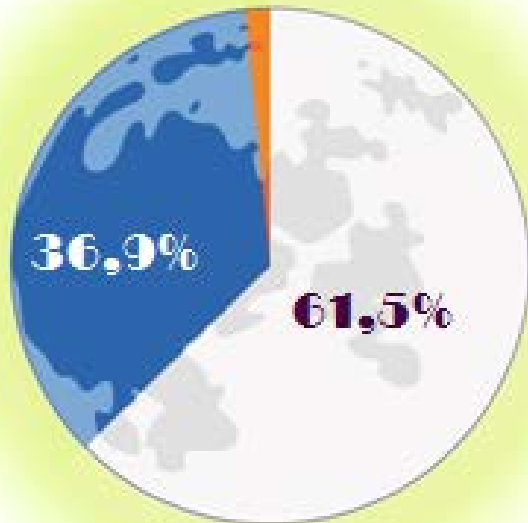


Search Process described/transparent

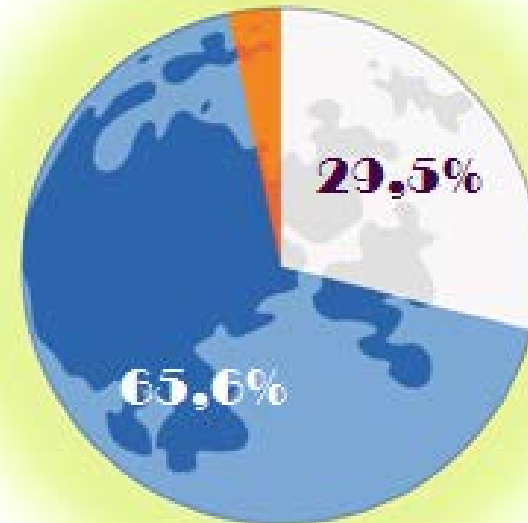


Results:
transparency of methodology

Information sources available

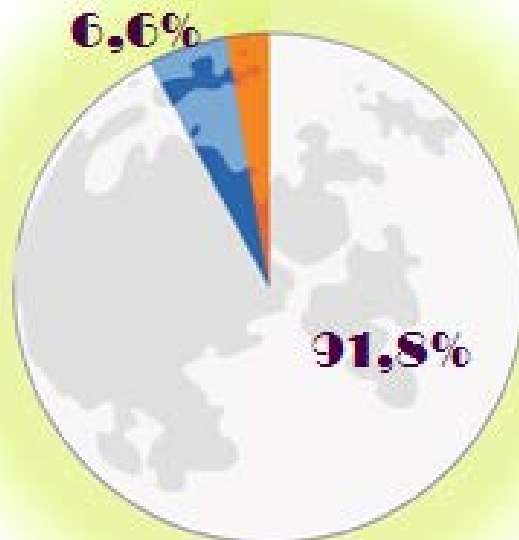


Review protocol mentioned

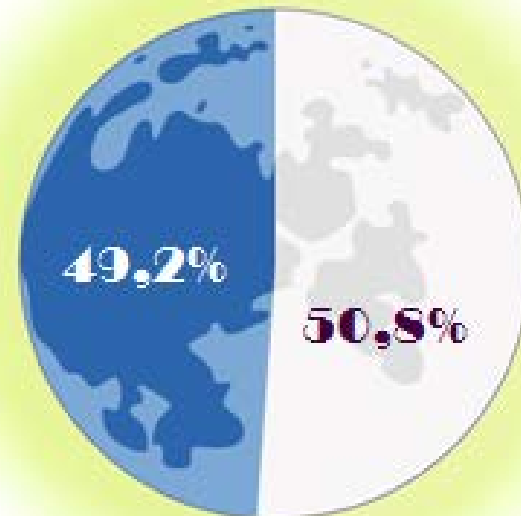


Results: transparency of methodology

Context Checked

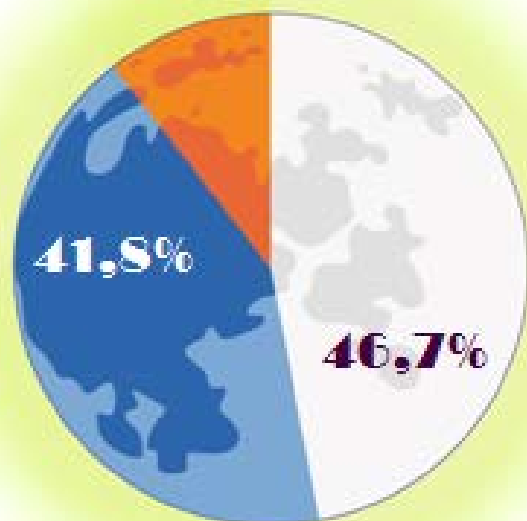


Risks of bias described

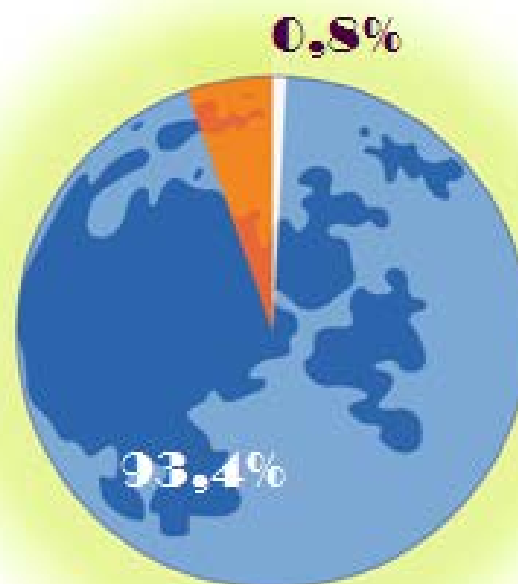


Results: rise of bias

Other languages selected

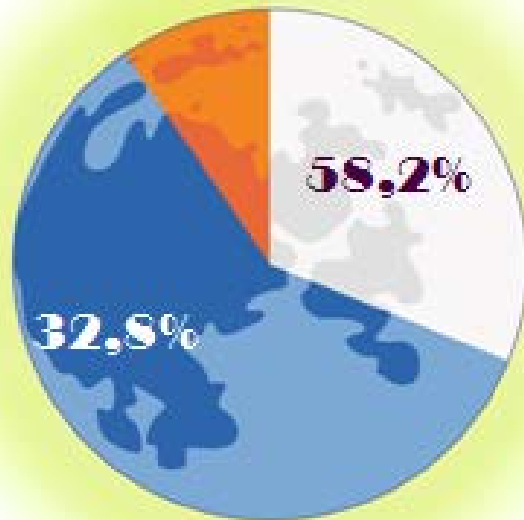


Search updated by the end

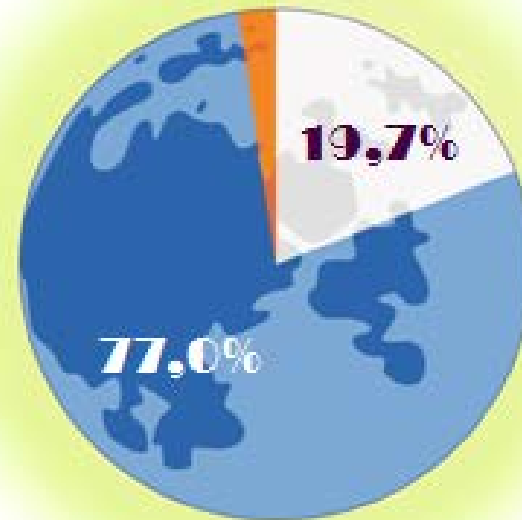


Results: risk of bias

Search or selection by 2 people

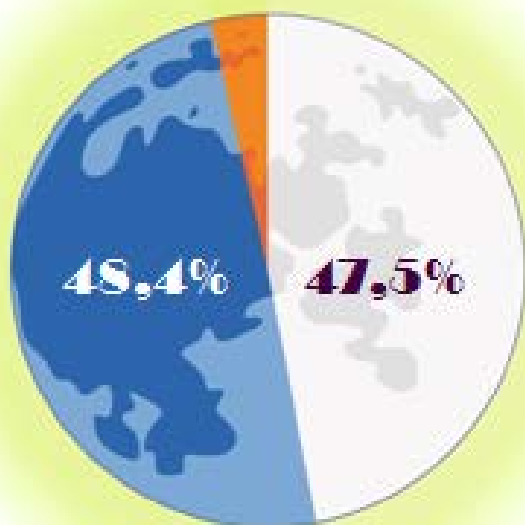


Other references types used

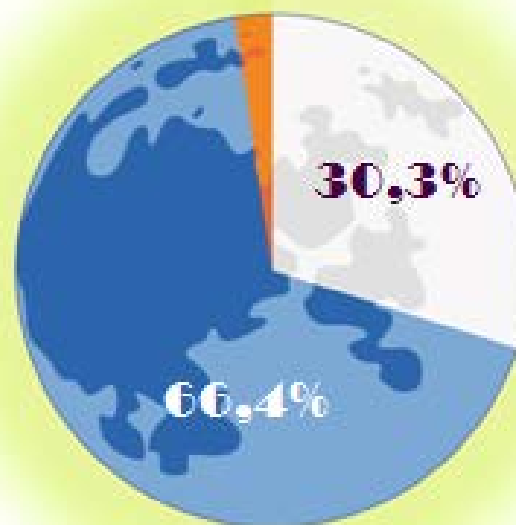


Results: risk of bias

Synonyms used

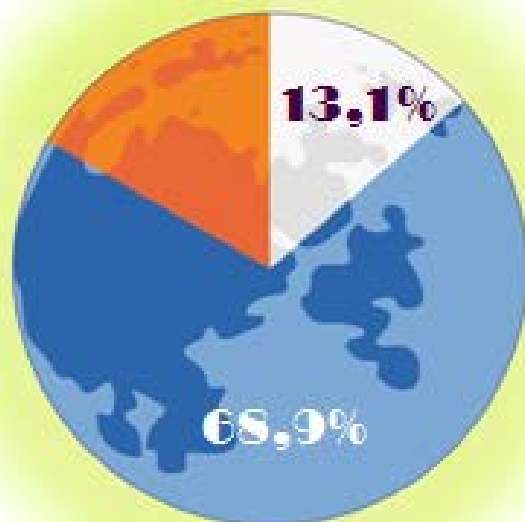


Controlled vocabulary used

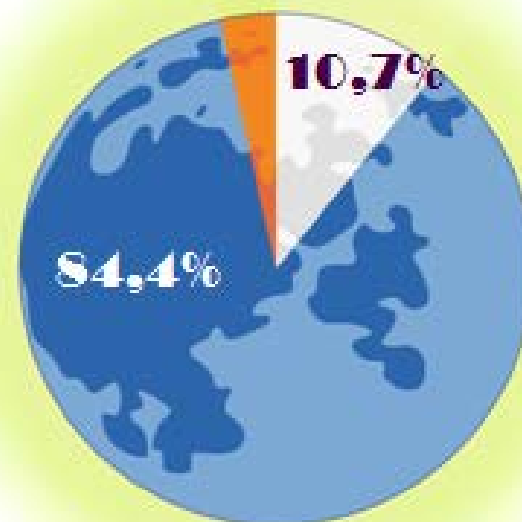


Results: quality of search

Search Syntax adapted

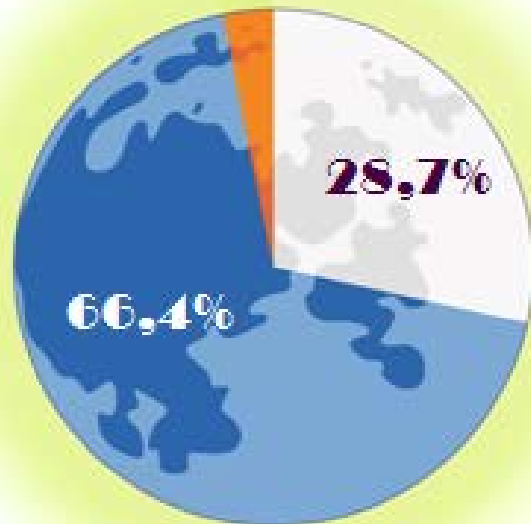


Terms truncated

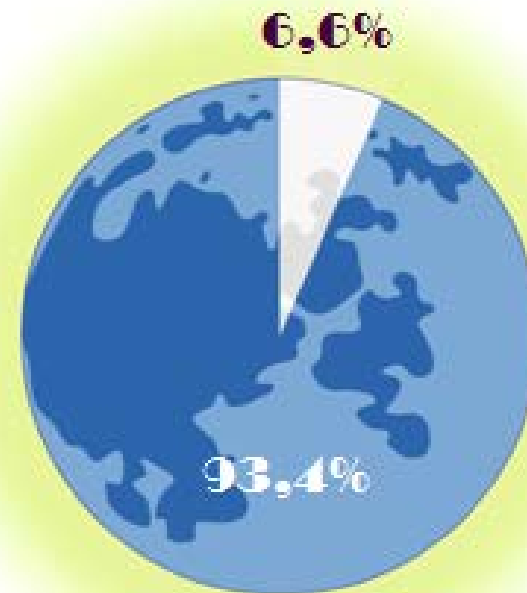


Results: quality of search







Natural language + controlled
term combined



Information Specialist mentioned



Results: quality of search

-  Additional databases and other resources should be searched → best & accuracy results
-  Lack in methods and resources
-  Search Strategies are mostly not transparent/not reproducible enough
-  Publishers should guarantee that the main guidelines are accomplished by the authors
-  In the SR referred guidelines there are no exhaustive recommendations about the methodology on how to run a search
-  The involvement of biomedical librarians could be a key factor in improving the quality of SR and MA

thanks

kiitos

merci

Danke

bedankt

ευχαριστίες

Köszönöm

Благодаря

go raibh maith agat

dzięki

díky

hvala

paldies

tack

ačiū

tak

hvala

grazie

obrigado

tānan

vd'aka

grazzi

muļumiri

afgomez@cnic.es

rebeca.isabel.ext@juntadeandalucia.es

gracias