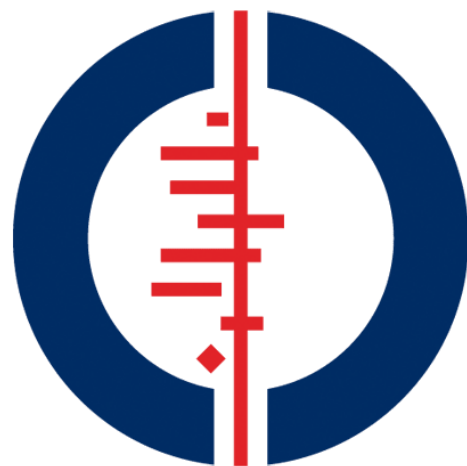




Cochrane Portugal

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Annual Meeting of Cochrane Portugal 2025

Faculty of Dental Medicine – University of Lisbon, December 10th 2025



MEDCIDS
DEPARTAMENTO DE MEDICINA
DA COMUNIDADE, INFORMAÇÃO
E DECISÃO EM SAÚDE



RISE HEALTH

Health Research and Innovation
From Lab to Community and back to Lab



RISE

Health Research Network
From the Lab to the Community

The team (core)



**Luís Filipe
Azevedo**
(Director)



**Bernardo Sousa
Pinto**



Joana Reis Pardal



**Manuel Gonçalves
Pinho**



**Manuel Marques da
Cruz**



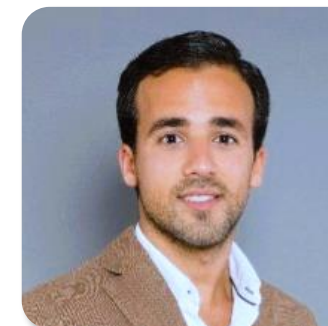
**Matilde Monteiro
Soares**



Nelson Cuboia



**Rafael José
Vieira**



**Renato Ferreira da
Silva**

Current initiatives and activities – last year

Published research papers: 20+ Systematic Reviews and Meta-Analyses during 2025

1. [Efficacy and Safety of Fundoplication Sleeve Gastrectomy in Obesity and GERD: A Systematic Review and Meta-Analysis](#), Amorim-Cruz F, Fernandes Lopez D, Sousa-Pinto B, Santos-Sousa H. J Clin Med. 2025 Oct 30;14(21):7723. doi: 10.3390/jcm14217723. PMID: 41272120

2. [\(E\)sketamine as a treatment for depressive episodes with psychotic features: systematic review](#), Santos HC, Rodrigues A, Machado T, Gonçalves-Pinho M, Young AH, Jurama MF. RPsych Open. 2025 Oct 14;1(6):e240. doi: 10.1192/ajo.2025.10830. PMID: 41084853

3. [Diabetic Foot Ulcer Classification Models Using Artificial Intelligence and Machine Learning Techniques: Systematic Review](#), Silva MA, Hamilton EL, Russell DA, Game F, Wang SC, Baptista S, Monteiro-Souares M. J Med Internet Res. 2025 Sep 24;27:e69408. doi: 10.2196/69408. PMID: 40991939

4. [Control of Allergic Rhinitis and Asthma Test for Children \(CARATkids\): A systematic review and meta-analysis of its measurement properties](#), El Didi HS, Pereira AM, Jâcome C, Amaral R, Wandalsen GF, Emmons J, La Grutta S, Ciluffo G, Batmaz SB, Linhares D, Sole D, Sousa-Pinto B, Fonseca JA, Vieira RJ. Pediatric Allergy Immunol. 2025 Sep;36(5):e79191. doi: 10.1111/pai.70191. PMID: 40989383

5. [Frequency of obstructive sleep apnea in patients with asthma or allergic rhinitis: a systematic review and meta-analysis](#), Ferreira NB, Ponte A, Grande AC, Pimenta AC, Pinto CS, Boussquet J, Drummond M, Sousa-Pinto B. Sleep Med. 2025 Oct;134:106705. doi: 10.1016/j.sleep.2025.106705. Epub 2025 Jul 30. PMID: 40774162

6. [Intranasal Treatments for Allergic Rhinitis in Preschool- and School-Age Children: Network Meta-Analysis](#), Gil-Mata S, Vieira RJ, Borowiack E, Sadowska K, Bogannani A, Cardoso-Fernandes A, Ferreira-Cardoso H, Castro-Teles J, Soprani J, Pinheiro L, Marques-Cruz M, Campos-Lopes M, Lourenço-Silva N, Ferreira-da-Silva R, Bedbrook A, Litvinská J, Chérrez-Ojeda I, Kimek L, Pfaar O, Fernandes RM, Ficocchi AG, Giovannini M, Larenas-Linnemann DE, Pham-Thi N, Papadopoulos NG, Roberts G, Valliás A, Yepes-Núñez JJ, Zuberbier T, Fonseca JA, Schünemann HJ, Zuberbier T, Fonseca JA, Schünemann HJ, Bouquet J, Sousa-Pinto B. Allergy Clin Immunol Pract. 2025 Oct 1;11(10):2635-2657. doi: 10.1016/j.alp.2025.07.004. Epub 2025 Jul 15. PMID: 40753252

7. [Comparative Efficacy and Safety of Benzodiazepines in the Treatment of Patients with Generalized Anxiety Disorder: A Systematic Review and Network Meta-Analysis](#), Fernandes H, Novais C, Sousa-Pinto B, Soares-da-Silva P, Azevedo LF. Psychother Psychosom. 2025;94(5):373-388. doi: 10.1159/000546269. Epub 2025 Jun 20. PMID: 40548639

8. [Risk Factors for Gastric Cancer in Patients with Lynch Syndrome: A Systematic Review and meta-analysis](#), da Silva DC, Sousa F, Silva A, Sousa-Pinto B. Ann Surg Oncol. 2025 Sep;32(9):6877-6883. doi: 10.1245/s10434-025-17664-4. Epub 2025 Jun 21. PMID: 40544206

9. [Algorithms for the classification of patients with a \$\beta\$ -lactam allergy label: a systematic review](#), Sousa J, Balseiro J, Barreto M, Mendes F, Pereira AM, Ribeiro-Vaz L, Cruz-Costa R, Sousa-Pinto B. Curr Opin Allergy Clin Immunol. 2025 Aug 1;25(4):247-257. doi: 10.1097/ACI.0000000000001086. Epub 2025 Jun 20. PMID: 40539896

10. [The Impact of Rhinovirus, Syncytial Respiratory Virus and Helminth Infection on the Risk of New-Onset Asthma and Other Allergic Conditions-A Systematic Review for the EAAI Guidelines on Environmental Science for Allergic Diseases and Asthma](#), Agache I, Salazar J, Rodriguez-Tamta Y, Saenz FKF, Haahela T, Traidi-Hoffmann C, Damialis A, Vecillas L, Giovannini M, Nadeau KC, Pali-Schöll I, Palomares O, Renz H, Schwarze J, Sousa Pinto B, Urrutia-Pereira M, Venter C, Vercelli D, Winders T, Sola-Arnau I, Alonso-Cuello P, Camelo-Aybar C, Jutel M, Akdis CA. Allergy. 2025 Jul;80(7):1878-1898. doi: 10.1111/all.16611. Epub 2025 Jun 10. PMID: 40495394

11. [Biomimetic Remineralization Strategies for Dentin Bond Stability-Systematic Review and Network Meta-Analysis](#), Costa R, Reis-Pardal J, Azeiteiro-Oliveira S, Ferreira JC, Azevedo LF, Melo P. Int J Mol Sci. 2025 Apr 8;26(8):3488. doi: 10.3390/jms26083488. PMID: 40331951

12. [The effectiveness of NIRS technology to the early diagnosis of lower limb ischemia in patients on peripheral VA ECMO: A systematic review and meta-analysis](#), Coelho R, Tavares J, Marinho C, Costa C, Ferreira S, Gregório T. Intensive Crit Care Nurs. 2025 Aug;89:104039. doi: 10.1016/j.iccn.2025.104039. Epub 2025 Apr 14. PMID: 40233544

13. [The role of genetics in the prognosis of acute myocarditis: a systematic review and meta-analysis](#), Tomás MI, Pinho AI, Sousa Pinto B, Martins E. Monaldi Arch Chest Dis. 2025 Feb 25; doi: 10.4081/monaldi.2025.3231. PMID: 40008466

14. [Efficacy and safety of intranasal medications for allergic rhinitis: Network meta-analysis](#), Sousa-Pinto B, Vieira RJ, Bogannani A, Gil-Mata S, Ferreira-da-Silva R, Ferreira A, Cardoso-Fernandes A, Ferreira-Cardoso H, Marques-Cruz M, Duarte VH, Castro-Teles J, Campos-Lopes M, Teixeira-Ferreira A, Lourenço-Silva N, Chérrez-Ojeda I, Bedbrook A, Kimek L, Nuñez JJ, Zuberbier T, Fonseca JA, Schünemann HJ, Bouquet J, ARA 2024 guideline panel. Allergy. 2025 Jan;80(1):54-105. doi: 10.1111/all.16384. Epub 2024 Nov 15. PMID: 39548951

15. [Adenoma detection rate by colonoscopy in real-world population-based studies: a systematic review and meta-analysis](#), Fernandes C, Esteveiro M, Marques Cruz M, Frazzoni L, Rodrigues PP, Fuccio L, Dinis-Ribeiro M. Endoscopy. 2025 Jan;57(1):49-61. doi: 10.1055/s-02382-4795. Epub 2024 Sep 3. PMID: 39227020

16. [Blood-based biomarkers for detecting Alzheimer's disease pathology in cognitively impaired individuals within specialized care settings: A systematic review and meta-analysis](#), Pakko S, Kahale LA, Mahirad S, Sousa-Pinto B, Vieira RJ, McAleer MB, Claessen T, Costador J, Hofmann A, Kuchenbecker LA, Machado LS, Warmenhoven N, Yakoubi Y, Palmqvist S, Schindler SE, Teunissen C, Whitson HE, Zetterberg H, Edelman R, Tampi MP. Alzheimers Dement. 2025 Nov;21(11):e70828. doi: 10.1002/alz.70828. PMID: 41193403

17. [Clinical diagnosis and management of drug reaction with eosinophilia and systemic symptoms \(DRESS\) in children: An EAAI position paper](#), Koyucu S, Blanca-Lopez N, Coubert JC, Moral L, Sousa-Pinto B, Topal OY, Mori F, Adamakovic Markovic M, Gomes E. Pediatr Allergy Immunol. 2025 Jul;36(7):e70103. doi: 10.1111/pai.70103. PMID: 40589376

18. [Changes in retinal and choroidal thickness after carotid endarterectomy: a systematic review](#), Olário-Pedroso A, Rocha-Nunes J, Vieira R, Breda JB, Ferreira A. Int J Retina Vitreous. 2025 Aug 4;11(1):91. doi: 10.1186/s40942-025-00713-1. PMID: 40760683

19. [Intercostal Nerve Cryoablation for Postoperative Pain Control After the Nuss Procedure in Children: A Systematic Review and Meta-Analysis](#), Marques O, Vieira R, Frangos A, Tuna T. Eur J Pediatr Surg. 2025 Oct 7; doi: 10.1055/s-02708-2796. PMID: 40992428

20. [Placenta accreta spectrum disorder: A systematic review and meta-analysis on conservative surgery](#), Pinto PV, Freitas G, Vieira RJ, Ayananda RA, Nieto-Calvache AI, Palacios-Jarquenda JM. Int J Gynaecol Obstet. 2025 Jun 24; doi: 10.1002/igo.70322. PMID: 40552443

Events and Meetings: Several events during the last year

Charting the Future of Evidence Synthesis
for Health Technology Assessment and Decision-Making

December 13th 2024 09H30 to 16H00

Faculty of Medicine
University of Porto
Auditorium of CIM-FMUP

Sign up for free:

GRADE Workshop: GRADE AI

Main topics (18-19 Nov):

- Launch of the prototype version of **GRADErater** to assist with certainty of evidence assessment
- Using LLMs for **question and outcome elicitation and prioritization** in guidelines
- Adolopment and tailoring** guidelines to different contexts
- GRADEbot**: supporting end-users on the use of GRADE

GRADE Workshop: GRADE Planetary Health

Main topics (20-21 Nov):

- New **GRADE Guidance** for Planetary Health
- Modelling **carbon-effectiveness**
- Terminology** for planetary health
- Decision thresholds** for planetary boundaries
- Planetary health **inequities**
- Theory of Everything**: Synergy Towards Planetary Health Across Health Decision-making

Training and Education: Several graduate and post-graduate courses during the last year

R $\pm$ SMA

Creditado em 3 ECTS pela U.Porto

Revisões Sistemáticas e Meta-Análise:
Capacitação para a Avaliação de Tecnologias de Saúde

- Formação composta por **8 horas de webinars teóricos** gravados e **12 horas de workshops práticos** online.
- Todo o fluxo de uma revisão sistemática: pergunta, pesquisa, seleção, extração e risco de viés.
- Inclui formação em **meta-análise** e avaliação da confiança na evidência (**GRADE**).
- Workshops** focam **competências práticas** em software: PubMed, Scopus, Web of Science, Rayyan, JASP, RoB-2 e GRADEpro.

Mais informações e candidaturas

resma.med.up.pt

Future initiatives and activities – next year

• Knowledge Translation

- *Translation of plain language summaries and abstracts of Cochrane Reviews*
- *Cochrane Corners*

• Research Projects

- *COST Action: EVIDENT-AI*
- *INDIRECT*

• Training & Education

- *Graduate and Post-Graduate Courses*

• Events and Meetings

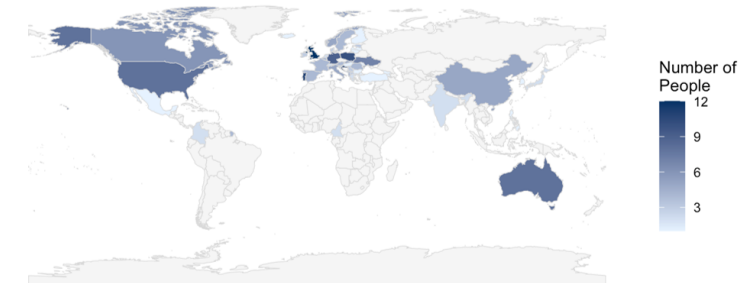
- *GRADE working group meeting 2026 (May 7th and 8th)*

EVIDENT-AI: Evidence-Informed Health Decision-making through Automation and Artificial Intelligence

Working groups:

- **WG1:** Map existing AI/automation tools and identify priority areas for new development.
- **WG2:** Provide curated open data and establish standards for high-quality tool development.
- **WG3:** Develop guidance for the responsible and appropriate use of AI/automation.
- **WG4:** Build capacity through training for end-users and tool developers.
- **WG5:** Coordinate internal communication and disseminate outputs externally.

Under review. Results expected by Spring 2026.



193 individual proposers
40 COST member countries
2 near neighbor countries
12 international partners
4 international organisations
17 governmental agencies or organisations
5 business enterprises