



जनजातीय कार्य मंत्रालय
MINISTRY OF
TRIBAL AFFAIRS

सत्यमेव जयते



INSIGHT: Integrating Network Meta-Analysis and Economic Evidence to Support Guideline Development in Healthcare

**2nd National Workshop on
Systematic Review and Meta-analysis**

Organised by

Department of Pharmacology, AIIMS Jodhpur
Centre of Excellence for Tribal Health, AIIMS Jodhpur

Funded by

ICMR (Indian Council of Medical Research)



**Six Days On-Site Workshop
3rd February to 8th February 2025**

Selection

- Faculty & residents with prior experience in traditional systematic reviews and meta-analyses are invited.
- Interested candidates can apply till 14/12/2024, with a letter of intent.
- Thirty candidates will be selected.
- Upon receiving the confirmation email, they are required to pay the non-refundable registration fee of ₹ 3,000.
- Participants will be provided accommodation and food, as per GoI norms.

Takeaway

Conduct Network Meta-analysis

To compare and rank multiple interventions simultaneously, addressing the limitations of traditional SRMAs and RCTs that typically compare only two interventions at a time.

Economic evidence integration

Provide hands-on training on conducting Systematic Reviews of Economic Evidence (SREE), allowing participants to incorporate health economics into decision-making and enhance the quality of health technology assessments (HTAs).

Advance from ideation to application

Equip participants with skills to navigate the entire research process, from the generation of ideas to the reporting and dissemination of findings, ensuring the practical application of NMA and SREE in healthcare guideline development

Foster sustainable capacity building

Encourage and support the participants to adopt a 'train the trainer' approach, enabling wider dissemination of NMA and SREE skills at their respective institutes and regions

The topics include (but not limited to):

- ✓ Critical appraisal of published evidence synthesis for correct application in real-life settings (*since a clinician and researcher reads more than they publish*)
- ✓ Identifying a research gap and formulating the required research question
- ✓ Development of a complete protocol
- ✓ Systematic literature search across different databases and reporting the search process
- ✓ Efficient screening of the literature for relevant studies, and documenting the process
- ✓ Data extraction from reporting study characteristics to cleaning data for quantitative synthesis
- ✓ Deriving and visualizing summary estimates for different types of outcomes
- ✓ Assessing the heterogeneity between different studies, and interpreting this in the light of clinical implications
- ✓ Exploring associations to answer the reason behind heterogeneity in different studies
- ✓ Study quality assessment for different study designs using appropriate validated tools
- ✓ Reporting bias - There is more to it beyond just “If ≥ 10 studies, then this, else that...”
- ✓ Evidence quality and certainty assessment according to the GRADE framework (*since there is more to research than just statistical significance of the results*)
- ✓ Reporting the findings of an SRMA, and disseminating them
- ✓ Use of artificial intelligence in evidence synthesis
- ✓ How are SRMAs used to inform clinical guidelines, public health recommendations, and policy-making? Are SRMAs restricted to academics, or do they have a place in the medical industry too?

The workshop will be conducted on

state-of-the-art tools freely available online

for equitable access to healthcare research and sustainability.



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Dr. Goverdhan Dutt Puri, Executive Director, AIIMS Jodhpur

Co-Patron

Dr. Shilpi Gupta Dixit, Dean (Academics), AIIMS Jodhpur

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