



“Cochrane Systematic review/meta-analysis Workshop”

Cochrane India: KGMU Affiliate

King George’s Medical University, UP, Lucknow

November 13-15, 2025 (Thursday-Saturday)



Duration: 9:00 am to 4 pm

Venue: Kalam Centre, KGMU, Lucknow

Registration amount: Rs. 7080/person (registration fee Rs. 6000 + GST Rs. 1080= Rs 7,080)

Last date of registration: October 31, 2025

(For improved learning, one resource person will help 3-4 participants for each hands-on topic)

Account detail: Name of account: KGMU research fund

Account number: 50287351562

IFS code: IDIB000K656 Bank name: Indian Bank Type of account: savings

Branch: KGMU campus, Branch Chowk, Lucknow 226003

Registration can be done using bank transfer option in Google Pay

Kindly fill Google form after registration at <https://shorturl.at/cTm1L>

Target participants: Faculty, super specialty/master/PhD students/research scholars/practitioners

Anyone above from any medical college, institution or University can register and participate

Availability of limited accommodation in the University guest house

Registration can be done using bank transfer option in Google Pay

Learning Objectives

- To understand the importance of Cochrane systematic reviews
- Preparing an answerable question in the PICO format as a hands-on exercise
- Use of keywords and searching databases, data extraction and risk of bias assessment
- To understand and gain hands-on for the use of certainty of evidence using GRADE

Workshop schedule			
Day 1 (November 13, 2025)			
Time	Topic	Format	Speakers
09:00-09:30	Self-introduction of participants, pre-test and instructions about hands-on		
09:30-10:00	Cochrane systematic review and meta-analysis: An introduction	Lecture	Prof. Balendra Pratap Singh
10:00-10:30	Types of systematic reviews and meta-analysis, PRISMA checklist, how to involve with activities of Cochrane	Lecture	Prof. Balendra Pratap Singh
Inauguration followed by tea break			
11:00-11:45	Steps of conducting systematic review	Lecture	Prof. Raghuwar Dayal Singh
11:45-12:15	Framing questions using PICO	Lecture	Prof. D. Himanshu Reddy
12:15-12:45	Database search strategy	Lecture	Dr Rahul Kumar

Lunch			
01:30-04:00	Demo for preparing PICO, Database search	Hands-on	Dr Rahul Kumar and Dr Raghuwar Dayal Singh
Tea break at 03:00 pm			
Day 2 (November 14, 2025)			
09:00-09:30	Recap of Day one and presentation of PICO and search strategy by participants	All participants	
09:30-10:10	Screening of studies and PRISMA flow chart	Lecture	Prof. Rajeev Kumar Singh
10:15-11:15	Data extraction	Lecture	Prof. Richa Khanna
Tea break			
11:30-12:30	Risk of bias assessment (RoB 2.0 tool)	Lecture	Dr Neeraj Kumar
Lunch			
01:10-02:45	Demo of software for screening of studies	Hands-on	Dr Rajeev
	Demo of preparing data extraction form, use of RevMan	Hands-on	Dr Richa Khanna
Tea break			
03:00-04:00	Demo of judging risk of bias assessment	Hands-on	Dr Neeraj Kumar
Day 3 (November 15, 2025)			
09:00-09:30	Recap of Day two and presentation of data extraction template	All participants	
09:30-11:00	Basic statistics of meta-analysis including heterogeneity and forest plot	Lecture and Hands-on	Dr Imran
Tea break			
11:15-12:30	Assessment of certainty of evidence using GRADE	Lecture	Prof. Hardeep Singh Malhotra
Lunch			
01:15-03:00	Demo of GRADE software and interpretation	Hands-on	Prof. Hardeep Singh Malhotra and Dr Imran
03:30-04:00	Post-test assessment and certificate distribution		

*Kindly bring your laptop for hands-on. An e-certificate will be given to all participants. Two tea breaks and lunch on all days are included in the workshop.



Prof. Balendra Pratap Singh
 Director, Cochrane India: KGMU Affiliate
 Professor, Department of Prosthodontics
 KGMU, Lucknow, India
 Phone number: 9839121151
 Email: cochrane@kgmcindia.edu