

Systematic Reviews Workshop



14th and 15th September 2019

PERTH CHILDREN'S HOSPITAL Education Rooms 5 and 7

This two-day workshop is designed for Postgraduate students, doctors, nurses, allied health professionals and researchers in healthcare. It will cover topics such as searching Medline, Embase and other databases, assessment of risk of bias, generation of forest plots, sensitivity analysis, interpretation of forest plots and funnel plots and reporting and critically evaluating systematic reviews. Participants will be involved in hands on sessions in small groups, learning how to use software such as RevMan and GRADEpro-GDT.

Please see the program on reverse for full details

Faculty

	<p>Clin Prof Sanjay Patole</p> <p>Clinical Prof Sanjay Patole is a consultant neonatologist at King Edward Memorial Hospital for Women. In addition to neonatology qualifications, he holds a Doctorate in Public Health (DrPH) from James Cook University and MSc in Clinical Trials (London School of Hygiene and Tropical Medicine). He has 200 publications in Medline Indexed peer-reviewed journals, 47 of which are systematic reviews.</p>	<p>Clin A/Prof Shripada Rao</p> <p>Clinical A/Prof Shripada Rao is a consultant neonatologist at King Edward and Perth Children's Hospital. In addition to his qualifications in neonatology, he also holds an MSc in Biostatistics and is completing a PhD on the benefits of probiotic supplementation in surgical neonates. He has 81 publications in peer-reviewed journals, 37 of which are systematic reviews.</p>	
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Education Coordinator: Dr Gayatri Jape

Tutors: Dr Sam Athikarismy, Dr Mangesh Deshmukh, Dr Abhijeet Rakshasbhuvankar, Kwi Moon

Registration fees:

Early bird discount (before 14th August): Student: \$200, Full: \$325

After 14th August: Student: \$250, Full: \$400

Registration available here: <https://payments.uwa.edu.au/SchoolofMedicineandPharmacologyTrans/booking>

Enquiries: Dr Gayatri Jape at gayatri.jape@health.wa.gov.au

Day 1	14th September 2019
0900-0930	Principles of Systematic Review
0930-1000	Literature search: PubMed
1000-1030	Hands On session: Literature search-PubMed
1030-11.00	Morning Tea
11.00-11.45	Literature Search: Medline, Embase & Emcare through Ovid
11.45-12.15	Hands on Session: Literature Search: Medline, Embase & Emcare through Ovid
12.15-13.00	Lunch break
13.00-13.45	Literature Search: Cochrane, Grey literature, Trial registries, Non English databases
13.45-14.15	Hands on Session: Literature Search: Cochrane, Grey literature, Trial registries, Non English databases
14.15-14.45	Risk of Bias
14.45-15.15	Hands on Session: Generating Risk of Bias tables and graphs through Revman
15.15-15.45	Afternoon Tea
15.45-16.15	Conducting meta-analysis
16.15-16.45	Interpretation of forest plots, funnel plots and heterogeneity
16.45-17.15	Hands on Session: Generating forest plots using RevMan software
Day 2	15th September 2019
09.00-09.30	Sensitivity analysis
09.30-10.00	Hands on session: Sensitivity analysis using Revman software
10.00-10.30	Tea break
10.30-11.00	PRISMA
11.00-11.30	GRADE: summarizing evidence
11.30-12.00	Hands on session: GRADE Pro GDT
12.00-12.45	Lunch
12.45-13.15	Controversial areas in systematic review
13.15-13.45	Pitfalls and critical evaluation of systematic review
13.45-14.15	Concluding remarks and Feedback