Comprehensive Systematic Review Training Curriculum

Module 1 Introduction to EBHC and Protocol Development Day 1

Time	Session	Group Work
0900	Welcome	-
0910	Session 1.1: Introduction to evidence	
	based practice and the Joanna Briggs	
	Institute	
1000	Morning Tea	
1015	Session 1.2: Models of evidence based	
	practice and evidence based healthcare	
1045	Session 1.3: Why systematic reviews? The	
	systematic review process	
1130	Session 1.4: Developing a Review	Group work: Write PICO/PICo
	Question and inclusion criteria Introduction to software: CReMs	questions Report back
	demonstration	Report back
1215	Lunch	
1315	Session 1.5: Developing a search strategy	Group work: Use review
1313	to retrieve evidence	question to construct a concept
		map that will help guide the
		search strategy
1400	Session 1.6: Using Boolean logic, MeSH	Group work: Searching using a
	terms and bibliographic databases as	bibliographic database
	research resources	
		ReMS Exercise/Develop Own
	1.0 m	Protocol Group Activity
1445	Afternoon Tea	
1500	Session 1.7: Retrieval of studies	Group work: Retrieving Studies
	Using the review question and inclusion criteria to retrieve studies that will be	from a list of titles and
	appraised for inclusion	abstracts Report back
1545	appraised for inclusion	Group Work: Protocol
1545		development in CReMS
		Report back
1700	Close	Troport buon
,		

Module 2 Systematic Review of Quantitative Evidence, Part 1 Day 2

Time	Presentation	Group Work
0900	Overview/Recap	
0910	Systematic Review of Effectiveness- Introduction	
930	Session 2.1: Critical appraisal of quantitative evidence	
1000	Morning Tea	
1030	Session 2.2: Critical appraisal of RCTs and CCTs	
1100		Group work: Critical appraisal of 2 randomized controlled and clinical controlled trials and the decision to include in the review Report back
1130	Session 2.3: Appraising observational studies	
1200		Group work: Critical appraisal of observational studies Report back
1230	Lunch	
1330	Session 2.4: Appraising diagnostic studies	
1400		Group work: Appraise a diagnostic study Report back
1430	Session 2.5: Appraising prognostic studies	
1500		Group work: Appraise a prognostic study Report back
1530	Afternoon Tea	
1600		Continued work on protocol development
1700	Close	

Module 2 Systematic Review of Quantitative Evidence, Part 2 Day 3

Time	Presentation	Group Work
0900	Overview/Recap of first half of	
	quantitative reviews	
0915	Session 2.6 Meta-analysis: Concepts of	
	heterogeneity and data pooling	
0950	Session 2.6 cont: Use of forest plots in	
	relation to meta-analysis	
1030	Morning Tea	
1100	Session 2.7 Data extraction	Group work: Practice extracting
		quantitative data
1230	Lunch	
1330	Session 2.8 Demonstration using	Group work 2.6: Meta-analysis
	software for Meta-Analysis Trial Using	trial using RevMan and MAStARI
	MAStARI	Feedback
1430	Afternoon Tea	
1500		Group work
		Protocol Development, continued
1700	Close	

Module 3: Appraising, Extracting and Pooling Qualitative Evidence Day 4

Time	Presentation	Group Work
0900	Session 3.1: Reviewing evidence	
	arising out of qualitative research	
	Intro to QARI	
0930	Session 3.2: Critical appraisal of	
	evidence arising out of	
	qualitative research	
1000	Morning Tea	
1030		Group Work 3.1
		Critical appraisal of evidence
		arising out of qualitative research
	_	Report back
1200	Lunch	
1300	Session 3.3: Introduction to data	
	extraction	
	Metasynthesis	
1330	Session 3.4: QARI	
	demonstration	
1400		Group work 3.2: Metasynthesis
		and QARI trial
		Report back
1530	Afternoon Tea	
1600		Group work: Protocol
		development
1700	Close	

Module 4: Appraising, Extracting and Pooling Text, Expert Opinion & Discourse Day 5

Time	Presentation	Group Work
0900	Overview/Recap	
0910	Session 4.1 Reviewing evidence	
	arising out of expert opinion and	
	discourse.	
0945	Introduction to NOTARI	
1030	Morning Tea	
1100		Group work 4.1: Critical appraisal of evidence arising out of text, expert opinion and discourse Report back
1230	Lunch	
1330		Group work 4.2: NOTARI Trial
1430	Afternoon Tea	
1500		Presentation of Protocols
1630	Evaluations and wrap-up	
1645	Close	