



Cochrane Systematic Reviews Workshop

April 14-16, 2009

EPCC Northwest Campus Library
El Paso, TX



*A joint collaboration of
The Pan American Health Organization / World Health Organization U.S.-Mexico Border Office,
The Canadian Cochrane Network and Centre, and the Iberoamerican Cochrane Centre*

AGENDA

Introduction

The first two days of this workshop will introduce participants to the skills and methodology required for starting a Cochrane systematic review, including developing a protocol, literature searching, assessing risk of bias, data extraction, statistical analysis, and working with Review Manager 5. Day three will address local resources, advanced literature searching, EPOC reviews, title registration, and drafting protocols.

DAY 1 – Tuesday, 14 April 2009

Time	Session	Faculty person
9:00 – 9:30	Welcome and introductions	Lorely Ambriz
9:30 – 10:00	I. Overview of the Cochrane Collaboration and Systematic Reviews	Adrienne Stevens
10:00 – 10:30	II. Research Question & Protocol <ul style="list-style-type: none"> • Introduction to protocols • Defining your question: PICO • Broad vs narrow questions <i>Small group work: define your research Q</i>	Jordi Pardo Pardo
10:30 – 10:45	<i>Break</i>	
10:45 – 12:30	II. Research Q & Protocol (continued)	<i>As above</i>
12:30 – 13:30	<i>Lunch</i>	
13:30 – 15:30	III. Systematic Searching of the Literature <ul style="list-style-type: none"> • Local resources (Virtual Health Library) • What is comprehensive searching? • What and where to find, who to consult • Search strategies and documenting • Managing references 	Lorely Ambriz and Jordi Pardo Pardo
15:30 – 15:45	<i>Break</i>	
15:45 – 16:00	IV. Study selection <ul style="list-style-type: none"> • Overview and selection process <i>Exercise: critique sample review excerpt</i>	Adrienne Stevens
16:00 -17:30	V. Critical Appraisal and Risk of Bias tool <ul style="list-style-type: none"> • What is bias? Using the RoB tool <i>Exercise: using RoB tool on a sample study</i>	Adrienne Stevens
17:30	Adjournment	Faculty panel

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DAY 2 – Wednesday, 15 April 2009

Time	Session	Faculty person
8:30 – 8:45	Session preface and introductions	
8:45 – 10:00	VI. Data extraction <ul style="list-style-type: none"> • Process, data forms, data collection • Data types and planning your analysis <i>Exercise: extraction using sample study</i>	Adrienne Stevens
10:00 – 10:15	<i>Break</i>	
10:15 – 12:00	VII. Analysis and Interpretation <ul style="list-style-type: none"> • Framework for synthesis • Meta-analysis • Summary statistics • Fixed and random effects analysis • Heterogeneity <i>Small group work: Discussion of items to consider in the analysis section for reviews</i>	Adrienne Stevens
12:00 – 13:00	<i>Lunch</i>	
13:00 – 13:30	VIII. Summary of Findings & GRADE- <ul style="list-style-type: none"> • Overview of anatomy of SoF tables • GRADE approach to quality of evidence 	Adrienne Stevens
13:30 – 14:00	IX. Completing Your Review <ul style="list-style-type: none"> • Discussion and Conclusions • Abstract and Plain Language Summaries • Updating 	Jordi Pardo Pardo
14:00 – 15:00	X. RevMan 5 <ul style="list-style-type: none"> • Introduction to RM5 and Archie • Studies and references • Tables • Data and analyses • Figures and appendices <i>Hands-on components throughout session</i>	Adrienne Stevens and Jordi Pardo Pardo
15:00 – 15:15	<i>Break</i>	
15:15 – 16:45	X. RevMan 5 (<i>continued</i>)	<i>As above</i>
16:45 – 17:00	Q&A and Adjournment	Adrienne Stevens and Jordi Pardo Pardo

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DAY 3 – Thursday, 16 April 2009

Time	Session	Faculty person
8:30 – 8:45	Session preface and introductions	
8:45 – 10:00	XI. General session <ul style="list-style-type: none"> • Closer look at the Virtual Health Library 	Lorely Ambriz and Jordi Pardo Pardo
10:00 – 10:15	<i>Break</i>	
10:15 – 12:00	XII. Concurrent sessions** <p>Group 1: Advanced searching</p> <ul style="list-style-type: none"> • Complex search strategies • Virtual Health Library: an indepth look <p>Groups 2 (Ovations) and 3 (EVIPNet)</p> <ul style="list-style-type: none"> • Elluminate session on question and title registration for EPOC reviews 	Jordi Pardo Pardo and Lorely Ambriz Adrienne Stevens and Alain Mayhew
12:00 – 13:00	<i>Lunch</i>	
13:00 – 15:00	XIII. Title / Protocol session <ul style="list-style-type: none"> • Work on draft titles/protocols 	Jordi Pardo Pardo Adrienne Stevens Lorely Ambriz
15:00 – 15:15	<i>Break</i>	
15:15 – 16:45	XIII. Title / Protocol session (<i>continued</i>)	<i>As above</i>
16:45 – 17:00	Q&A Evaluation Adjournment	Facilitator panel

** **GROUP 2 - U.S.-Mexico Border Center of Excellence to Counter Chronic Diseases**

Review areas of interest: Priority chronic diseases: hypertension, cardiovascular and diabetes, and mayor risk factors. Overweight/obesity and lack of physical activity

Focus: Existing community health workers (promotoras) models and prevention programs in the U.S.-Mexico Border Region

GROUP 3 - U.S.-Mexico Border EVIPNet (Evidence Based Informed Policy Network)

Review areas of interest: Obesity control policies (nutrition, physical activity), previous policy responses locally and borderwide, so as to synthesize key research findings as a priority area for border policymakers, and childhood predictors of adult obesity that can directly influence key policy-making.

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Participants

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Thank you to our training faculty!

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