

**EVIDENCE-BASED CLINICAL PRACTICE WORKSHOP:
THE ARCHITECTURE OF PROGNOSTIC STUDIES AND DIAGNOSTIC STUDIES**

Organized by
Centro Interuniversitario "Thomas C. Chalmers" Italy,
Università degli Studi di Milano, Facoltà di Medicina e Chirurgia, Cattedra di Gastroenterologia
The Copenhagen Trial Unit (CTU), Centre for Clinical Intervention Research,
The Cochrane Hepato-Biliary Group, Rigshospitalet, Copenhagen, Denmark and
The Cochrane Multiple Sclerosis Group, Fondazione Istituto Nazionale Neurologico Besta, Milan, Italy

September 30 to October 3, 2009

at
Palazzo Feltrinelli
Gargnano, Lago di Garda, Italy

<p>Wednesday 30 September Registration 13.30-14.30</p>	
<p>Wednesday 30 September 14.30-19.30</p> <p>14.30- 15.00 Normal values: definition and meaning (D. Prati)</p> <p>15.00-15.30 Disease prevalence, pre-post test probability and Bayesian approach to diagnosis (P.G. Duca)</p> <p>15.30-15.50 Coffee break</p> <p>15.50-16.50 Diagnostic tests accuracy [sensitivity and specificity; positive likelihood ratio and negative likelihood ratio; positive predictive value and negative predictive value; diagnostic odds ratio; receiver operating characteristic (ROC) curves] (P. Duca/G. Casazza)</p> <p>16.50-18.30 Break out session: 1°: Updated definitions of healthy ranges for serum alanine aminotransferase levels. Ann Intern Med. 2002;137(1):1-10 (D. Prati) 2° Celiac sprue. N Engl J Med. 2002;346(3):180-8 (A. Colli)</p> <p>18.30-19.30 Reporting of results of break out session and critical aspects of the day (All faculty)</p> <p>20.00 Welcome dinner</p>	<p>Practice</p> <p>The workshop participants will be randomised to one of four groups (Venice, Florence, Naples, Palermo) and will stay in that groups during the whole workshop also during the final examination for diploma.</p> <p>Break out session exercises on operative characteristics of diagnostic test accuracy (graphical representation of distribution of a diagnostic variable in normal population and a diseased population, calculation of the post-test probability starting from disease prevalence and sensitivity and specificity of a given test).</p>
<p>Thursday 1 October 9.00-12.30</p> <p>9.00-9.30 Architecture of prognostic research (G. D'Amico)</p> <p>9.30-10.30 Prognostic studies [study design and recruitment strategy, time to event and risk analysis, confounding, population sampling, sample size] (G. Filippini, G. D'Amico)</p> <p>10.30- 11.00 Coffee break</p> <p>11.00-11.30 Definition and validation of a prediction rule (P.G. Duca)</p> <p>11.30-12.30 Clinical use of a prediction rule (A. Colli; G. Filippini)</p> <p>12.30-14.00 Lunch</p>	

<p>Thursday 1 October 14.00-19.30</p> <p>14.00-14.40 Architecture of diagnostic research (C. Gluud) 14.40-15.55 Study design and sample size estimation for randomised clinical trials (J Wetterslev) 14.55-15.10 Study design and sample size estimation for cohort studies (J Wetterslev) 15.10-15.30 Study design and sample size estimation for case-control studies (K. Thorlund)</p> <p>15.30-16.00 Coffee break</p> <p>16.00-18.00 Break out session: 1°Example on prognosis with MELD (G. D’Amico) 2° Example with diagnostic test (C. Gluud) 18.00-18.45 Reporting of results of break out session and critical aspects of the day (All faculty) 18.45-19.30 Impact of current regimens on the natural history of chronic hepatitis B and C (C. Cammà)</p> <p>20.00 Dinner</p>	<p>Break out session exercises on critical appraisal of prognostic studies and diagnostic accuracy studies</p>
<p>Friday 2 October 9.00-12.45</p> <p>9.00-9.30 Formulation of protocols for systematic review of diagnostic test accuracy studies (D. Nikolova) 9.30-10.15 Systematic review of diagnostic test accuracy studies (M. Fraquelli) 10.15-11.00 Search strategy for Cochrane systematic review of diagnostic test accuracy (D. Beecher)</p> <p>11.00-11.30 Coffee break</p> <p>11.30-12.00 The quality assessment of studies of diagnostic test accuracy (Quadas) (M. Fraquelli) 12.00-12.45 Formulation of protocol for systematic review of randomised clinical trials on clinical value of a diagnostic test (C. Gluud)</p> <p>12.45-14.00 Lunch</p>	
<p>Friday 2 October 14.00-19.30</p> <p>14.00-14.45 Evaluation of efficacy systematic review of randomised clinical trials (C. Cammà) 14.45-15.45 Medical decision analysis, utility and expected utility, cost- benefit ratio and decisional thresholds. (A. Colli)</p> <p>15.45-16.00 Coffee break</p> <p>16.00-18.00 Break out session 1° Systematic review of diagnostic test accuracy studies (K Thorlund) 2° Systematic review of randomised clinical trials of the value of diagnostic tests (C. Gluud) 18.00-18.30 Reporting of results of breaking out session (All faculty) 18.30-19.30 How to survive to EBM (P.M. Mannucci, A. Liberati)</p> <p>20.30 Farewell dinner</p>	<p>Systematic review of diagnostic test accuracy studies and systematic review of randomised clinical trials of diagnostic tests</p>

Saturday 3 October 9.00-12.30	
9.00-9.15 Summary (C. Gluud) 9.15-10.00 Clinical challenges (D. Conte) 10.00-10.30 Workshop evaluation (All faculty)	<p>The workshop exam will be conducted in public by pre-prepared questions and answer from each individual participant. In case the participant cannot answer sufficiently the question it will be passed on the next one on the team. If that person cannot answer correctly the question will be passed on to the next group which will be earn the double amount of points if answering correctly.</p> <p>There will be prize for the members of the group gaining most points.</p>
10.30-11.00 Coffee break	
11.00-12.30 Workshop exam and potential workshop diploma (All faculty)	
12.00-14.00 Lunch and Farewell	

Faculty

Carlo Cammà (University of Palermo), Giovanni Casazza (University of Milan), Agostino Colli (Ospedale A. Manzoni, Lecco, University of Milan), Dario Conte (University of Milan, IRCCS Ospedale Maggiore Policlinico, Milan), Gennaro D'Amico (Ospedale Cervello, Palermo), Deirdre Beecher (Cochrane Multiple Sclerosis Group, Fondazione Istituto Nazionale Neurologico Besta, Milan), Piergiorgio Duca (University of Milan), Chiara Falcone (Cochrane Multiple Sclerosis Group, Fondazione Istituto Nazionale Neurologico Besta, Milan), Graziella Filippini (Cochrane Multiple Sclerosis Group, Fondazione Istituto Nazionale Neurologico Besta, Milan), Mirella Fraquelli (IRCCS Ospedale Maggiore Policlinico, Milan, University of Milan), Christian Gluud (Cochrane Hepato- Biliary Group, Rigshospitalet, Copenhagen University Hospital), Dimitrinka Nikolova (Cochrane Hepato- Biliary Group, Rigshospitalet, Copenhagen University Hospital), Daniele Prati (Hospital A. Manzoni, Lecco, University of Milan), Kristian Thorlund (Cochrane Hepato- Biliary Group, Rigshospitalet, Copenhagen University Hospital), Jørn Wetterslev (Cochrane Hepato- Biliary Group, Rigshospitalet, Copenhagen University Hospital).

Organizing secretary and course information

Per iscriversi è necessario inviare, entro il 6 Settembre, via Fax o e-mail la scheda di iscrizione compilata e copia del bonifico bancario a:

Sara Comparetti,

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Pre-iscrizioni dal 1 aprile - 30 maggio 2009

Iscrizioni 1 giugno - 6 settembre 2009

DEADLINE 6 Settembre 2009

La lingua ufficiale del corso sarà l'inglese.

In caso di iscrizioni in sovrannumero la selezione verrà effettuata sulla base del curriculum.

Costo del Corso 600,00€, comprensivi di spese di vito e alloggio, non è compreso il viaggio.

Pagabili con bonifico bancario intestato a:

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E' indispensabile indicare la causale: "Centro Chalmers – Corso EBM"