

## Wednesday 30 September

Registration 13.30-14.30

## Wednesday 30 September 14.30-19.30

14.30- 15.00 Normal values: definition and meaning (D. Prati)

15.00-15.30 Disease prevalence, pre-post test probability and Bayesian approach to diagnosis (P.G. Duca)

### 15.30-15.50 Coffee break

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)

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)

18.30-19.30 Reporting of results of break out session and critical aspects of the day (All faculty)

### 20.00 Welcome dinner

## Thursday 1 October 9.00-12.30

9.00-9.30 Architecture of prognostic research (G. D'Amico)

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)

### 10.30- 11.00 Coffee break

11.00-11.30 Definition and validation of a prediction rule (P.G. Duca)

11.30-12.30 Clinical use of a prediction rule (A. Colli; G. Filippini)

### 12.30-14.00 Lunch

## Thursday 1 October 14.00-19.30

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)

### 15.30-16.00 Coffee break

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)

### 20.00 Dinner

## Friday 2 October 9.00-12.45

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)

### 11.00-11.30 Coffee break

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)

### 12.45-14.00 Lunch

## Friday 2 October 14.00-19.30

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)

### 15.45-16.00 Coffee break

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)

### 20.30 Farewell dinner

## 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)

### 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

## Organizing secretary and course information:

*Sara Comparetti*

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"Thomas C. Chalmers",  
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Università degli Studi di Milano,  
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Per iscriversi è necessario inviare via Fax o e-mail la scheda di iscrizione compilata e copia del bonifico bancario alla segreteria entro:

**DEADLINE: 6 Settembre 2009**

**Pre-iscrizioni:** dal 1 aprile - 30 maggio 2009

**Iscrizioni:** 1 giugno - 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€ comprensive di vitto e alloggio (non è compreso il viaggio)

pagabili con bonifico bancario intestato a:

**Università degli Studi di Milano**, Banca Intesa  
BCI, Via Verdi, 8, 20122 Milan, Italy  
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IBAN IT97 G030 6909 4000 0000 0463 971,  
Swift Code BCITIT33100

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

## Faculty

*Carlo Cammà* University of Palermo, Italy

*Giovanni Casazza* University of Milan, Italy

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Ospedale Maggiore Policlinico Milan, Italy

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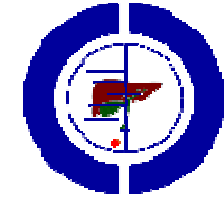
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Centro Interuniversitario  
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**Università degli Studi di Milano**  
Facoltà di Medicina e Chirurgia  
Cattedra di Gastroenterologia

**The Copenhagen Trial Unit** (CTU), Centre  
for Clinical Intervention Research, and  
**The Cochrane Hepato-Biliary Group**,  
Rigshospitalet, Copenhagen, Denmark

**The Cochrane Multiple Sclerosis Group**  
Fondazione Istituto Nazionale Neurologico  
Besta, Milan, Italy

Invite you to participate in:

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

September 30 to October 3, 2009  
at  
Palazzo Feltrinelli  
Gargnano, Lago di Garda, Italy