

Thursday 9 May

8.30 - 9.00 Registration and welcome

(Gluud C – Conte D)

1. THE DIAGNOSTIC QUESTION: PUTTING THE QUESTION INTO THE CONTEXT (Colli A)

a. Diagnosis, diagnostic pathway, and downstream consequences of diagnosis
b. Following RevMan with examples from Hepato-Biliary Group's diagnostic test accuracy protocols and reviews:

- Background
- Target condition being diagnosed
- Reference standard
- Index test
- Clinical pathway
- Rationale

2. TYPES OF DIAGNOSTIC STUDIES

(Fraquelli M)

- Cross sectional
- Case-control (two gates or patient- control)
- Randomised clinical trials

3. DIAGNOSTIC ACCURACY

MEASURES: 2 by 2 TABLE (Casazza G)

- Sensitivity, specificity
- Likelihood ratio, pre-test and post-test probability
- Cut-off values and ROC curve

4. OBJECTIVES (Fraquelli M)

- Primary objective(s)
- Secondary objective(s)

10:45 – 11:15 Coffee break

5. TWO EXAMPLES OF CHBG DTA SYSTEMATIC REVIEWS

- Total serum bile acids and/or serum bile acid profile for the diagnosis of intrahepatic cholestasis of pregnancy (Manzotti C)
- Abdominal ultrasound and alfa-fetoprotein for the diagnosis of hepatocellular carcinoma (Nadarevic T)

6. PRACTICAL SECTION: READING AND ANALYSING DTA STUDIES

(Colli A- Casazza G- Fraquelli M)

13:00-14:30 Lunch

7. SEARCH METHODS FOR IDENTIFICATION OF STUDIES

(Nikolova D)

8. ASSESSMENT OF METHODOLOGICAL QUALITY (Colli A – Casazza G – Fraquelli M)

- QUADAS 2

9. STATISTICAL ANALYSIS and DATA

SYNTHESIS (Colli A – Casazza G -Fraquelli M)

- Bivariate model
- Hierarchical ROC
- Comparisons
- Non-evaluable results
- Investigations of heterogeneity
- Sensitivity analyses
- Assessment of reporting bias

16:45 - 17:15 Coffee break

10. RESULTS (Colli A – Casazza G – Fraquelli M)

- Search
- Quality
- Findings
- Summary of Findings Table

11. SMALL GROUP EXERCISES: STEPS IN TITLE AND PROTOCOL DEVELOPMENT

20:00 Dinner

Friday 10 May

9.00 - 13.00

12. DISCUSSION and AUTHORS' CONCLUSIONS (Fraquelli M)

13. ABSTRACT and PLAIN LANGUAGE SUMMARY (Nikolova D)

14. PRACTICAL SECTION: READING AND ANALYSING A DTA SISTEMATIC REVIEW

(Colli A – Casazza G – Fraquelli M)

10.30-11.00 Coffee break

15. SMALL GROUP REPORTS and PLENARY DISCUSSION

16. EVALUATION (Gluud C – Conte D)

13.00 - 14.00 Lunch

Course information

Organizing secretary

Sara Comparetti

Centro “Thomas C. Chalmers and Alessandro Liberati”, Dipartimento di Fisiopatologia Medico-Chirurgica e dei Trapianti, Università degli Studi di Milano, Fondazione IRCCS Ca’ Granda Ospedale Maggiore Policlinico, via F. Sforza, 35 20122 Milano, Italy E-mail chalmers@unimi.it

Last date to receive applications:
20 April 2019.

All sessions will be run in English.

Course participants will be selected based on their CVs and applications; these must be sent to **Sara Comparetti** (see above)

The course covers tuition, refreshments, meals, and accommodation (possible accommodation in shared double-rooms)

Travel expenses are not included.

It is possible to arrive in Gargnano on the evening of Wednesday, 8 May 2019 (please send an e-mail to receive a confirmation).

Faculty

Giovanni Casazza, Università degli studi di Milano, Italy

Mario Clerici, Università degli studi di Milano, Italy

Agostino Colli, The Cochrane Hepato-Biliary Group, Rigshospitalet, Copenhagen University Hospital, Denmark

Dario Conte, Università degli Studi di Milano, Fondazione IRCCS Ca’ Granda Ospedale Maggiore Policlinico Milano, Italy

Mirella Fraquelli, Fondazione IRCCS Ca’ Granda Ospedale Maggiore Policlinico, Milano, Università di Milano, Italy

Christian Gluud, The Cochrane Hepato-Biliary Group, Rigshospitalet, Copenhagen University Hospital, Denmark

Dimitrinka Nikolova, The Cochrane Hepato-Biliary Group, Rigshospitalet, Copenhagen University Hospital, Denmark



Università degli Studi
di Milano

Systematic review of diagnostic test accuracy

Basic Residential Course – 12 hours

9 - 10 May 2019

Palazzo Feltrinelli

Gargnano, Lago di Garda, Italy

Centro Interuniversitario

**“THOMAS C. CHALMERS and
ALESSANDRO LIBERATI” – Italy**

Università degli Studi di Milano

Dipartimento di Fisiopatologia

Medico-Chirurgica e dei Trapianti

**Fondazione IRCCS Ca’ Granda
Ospedale Maggiore Policlinico**

U.O.C. di Gastroenterologia ed Endoscopia
Milano – Italy

The Copenhagen Trial Unit (CTU),

Centre for Clinical Intervention Research,

The Cochrane Hepato-Biliary Group,
Rigshospitalet, Copenhagen, Denmark.