International Educational Course on Clinical Research and Educational Laboratory Workshops on Thrombosis and Haemostasis

Supported by
Education and Outreach Committee
International Society on Thrombosis and Haemostasis (ISTH)

Organized by
International Society on Thrombosis and Haemostasis (ISTH)
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Venue
AMCHAM Convention Center, São Paulo - SP, Brazil

Date
Thursday, August 27th, 2015
8:00 – 12:30: WORKSHOPS

WORKSHOP 1: COAGULATION TECHNIQUES

Part A. 8:30 – 10:00

Screening and confirmatory tests for the diagnosis of bleeding disorders

Chairpersons: Marion Echenagucia (Venezuela)/Marinês Matos (Brazil)

- a) Screening Tests
  - Equipment, reagents, normal standard / local benchmarks
  - Fibrinolytic system
  - Factor XIII
- b) Confirmatory tests
  - Mixing studies: rationale, interpretation, results
  - Chromogenic versus clotting methods
  - Fibrinolytic system and factor XIII
- c) Discussion of clinical cases

Part B. 10:15 -12:30

Coagulation factor inhibitors

Chairpersons: Silmara Montalvão (Brazil)/ Alicia Blanco (Argentina)

- a) Introduction, pathophysiology and laboratory diagnosis
  - Features: Autoantibodies versus alloantibodies
  - Evaluation Methods
  - Mixing Methods
  - Quantitative Methods
  - Interferences
- b) Control the effectiveness of the induction of immunotolerance
  - Laboratory's role in controlling the eradication of inhibitors (alloantibodies)
  - Kinetics of the administered factor assessment (recovery calculation and half-life of factor)
- c) Discussion of clinical cases
WORKSHOP 2: GLOBAL TEST TO ASSESS THE HEMOSTASIS

Chairpersons: João Guerra (Brazil), Maria das Graças Carvalho (Brazil)
Faculties: Raúl Altman (Argentina) Rubens Costa (Brazil), Roseny dos Reis Rodrigues (Brazil), Daniel Dias Ribeiro (Brazil)

Part A. 08:30-10:00
Thromboelastography / thromboelastometry

- Basic principles
- Application
- Interpretation of the curves
- Discussion of clinical cases based on results from thromboelastography

Part B. 10:15-12:30
Thrombin generation test

- Principles of the methodologies used to assess thrombin generation "in vitro"
- Application on clinical cases and research
- Analysis of thrombin generation curves in controls and in different pathologies

12:30 – 14:30: Lunch
Educational Course on Clinical Research

14:30-18:30: EDUCATION ON CLINICAL RESEARCH
Chair: Suely Rezende (Brazil), Diego Mezzano (Chile)
Faculties: Suzanne Cannegieter (Netherlands), Johanna van der Bom (Netherlands), Leonardo Brandao (Canada)

14:30 - 15:00
Clinical Studies: "The right design for the right question"
Dr. Suzanne Cannegieter

15:00 - 15:30
Clinical studies: "Bias & confounding"
Prof. Johanna van der Bom

15:30 - 15:45
Discussion

15:45 – 17:00
Interactive session with the speakers & apply knowledge to the situation of air travel and thrombosis
Dr. Suzanne Cannegieter and Prof. Johanna van der Bom

17:00 – 17:15
Break

17:15 - 18:30
17:15 -18:15
Round table: Clinical studies in bleeding and thrombotic disorders: What have they taught us?

17:15 -17:35
Bleeding disorders, Prof. Johanna van der Bom
17:35 - 17:55
Thrombotic disorders, Dr. Suzanne Cannegieter

17:55 – 18:15
Bleeding and thrombotic disorders in the pediatric population, Dr. Leonardo Brandão

18:15 – 18:30
Discussion and closure