

*The Research in Surgery Course (Theoretical/practical course to improve research skills for surgeon) is an initiative of the World Society of Emergency Surgery- World Journal of Emergency Surgery aiming to provide surgeons with the "basic expertise" to ideate and perform clinical research.*

The course is be divided in 2 parts:

- 1) Theoretical lecture during which all the necessary notions about the different fields of clinical research will be given
- 2) Practical session in which participants can bring their own data to discuss them with the instructors in order to plan their elaboration. The aim is to help participants to develop the capability to elaborate and to publish their data during the following 6 months. Instructors will give their support by e-mail during the whole period of the 6 months after the course day.

Official languages of the Course will be English and Italian

At the end of the course a Diploma will be given

A maximum of 15 participants will be accepted, on the base on the order of registration/payment.

The course will be held at:

*Papa Giovanni XXIII Hospital (Tower 4, 4th Floor), P.zza OMS 1, 24128, Bergamo, Italy.*

**Organizative Secretariat:**

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<b>WSES MEMBER</b>	400 €
<b>WSES NON-MEMBER</b>	600 €



**World Journal of Emergency Surgery**

**World Society of Emergency Surgery**



**Research in Surgery  
R.I.S. course**

**(Theoretical/practical course to improve  
research skills for surgeon)**

*www.wses.org.uk/ www.wjes.org*

*September 27th, 2014*

*The course is divided in 2 parts:*

*Theoretical part*

*Data analysis and research planning*

## **Theoretical part (10 a.m. - 17 p.m.):**

- **Introduction**
- **Classification of biomedical data** (30 min)
  - Different kinds of clinical studies
- **Observational and experimental studies** (30 min)
  - Design
  - Objective
  - Main Bias
- **The different phases of a clinical research** (60 min)
  - Planning
  - Development
  - Analysis
- **Quality of the clinical research** (30 min)
- **Hints of Statistics** (30 min)
- **Hints of Bioethics** (30 min)
- **Hints of Economics** (30 min)
- **Rules and instrument to improve the research quality** (30 min)  
ICMJE, Registers of trials, STROBE, CONSORT, STARD, EQUATOR network,
- **How to present and publish results** (30 min)



*The participation fee includes a light lunch*

## **Data analysis and research planning (17 -19 p.m.)**

### **WSES - WJES Research in Surgery Course Faculty**

#### **Course director**

Luca Ansaloni (Italy)

#### **Faculty**

Fausto Catena (Italy)

Federico Coccolini (Italy)

Federico Gheza (Italy)

Salomone Di Saverio (Italy)

Massimo Sartelli (Italy)

### **WSES- WJES Faculty**

Fausto Catena (Italy)

Fred Moore (United States)

Massimo Sartelli (Italy)

Ari Leppaniemi (Finland)

Andrew Peitzman (United States)

Luca Ansaloni (Italy)

Luigi Bonavina (Italy)

Walter Biffi (United States)

Ferdinando Agresta (Italy)

Joe Amaral (United States)

Ian Bailey (United Kingdom)

Zsolt Balogh (Australia)

Cino Bendinelli (Australia)

Clay C. Burlew (United States)

L. D. Britt (United States)

Francesco Brunetti (France)

Giampiero Campanelli (Italy)

Osvaldo Chiara (Italy)

Ian Civil (New Zealand)

Federico Coccolini (Italy)

Raul Coimbra (United States)

David Costa (Spain)

Salomone Di Saverio (Italy)

Mark De Moya (USA)

Andreas Fette (Germany)

Abe Fingerhut (France)

Gustavo Fraga (Brazil)

Sanjay Gupta (India)

Rao Ivatury (United States)

Hans Jeekel (Holland)

Jeffrey Kashuk (Israel)

Micheal Kelly (United Kingdom)

Fernando Kim (United States)

Yoram Kluger (Israel)

M. Margaret Knudson (United States)

Kaoru Koike (Japan)

Rifat Latifi (United States)

Ron Maier (United States)

Mark Malangoni (United States)

Ingo Marzi (Germany)

Renato Poggetti (Brazil)

Boris Sakakushev (Bulgaria)

Thomas Scalea (USA)

Philip Stahel (USA)

Micheal Sugrue (Ireland)

Korhan Taviloglu (Turkey)

Gregorio Tugnoli (Italy)