

Title of the programme

" BASIC AND CLINICS OF MEDICAL AND SURGICAL INTENSIVE CARE"

Discipline

Intensive Care, Surgery, Emergency Medicine and Surgery, Pulmonology, Cardiology, Infectious disease

Period

June 09 – July 4, 2013

Teaching language

English

Maximum number of students

10 + 10

Programme co-ordinators

*Overall teaching planning and Istititutional tasks
Carlo Alberto Volta (Intensive Care), Carlo Feo (Surgery)*

*Practical teaching
Gaetano Caramori (Pulmunology),
Claudio Ceconi (Cardiology)
Rosario Cultrera (Infectious Disease)
Simona Ascanelli, Savino Occhionorelli (Emergency Surgery)
Roberto Melandri, Maurizio Giacometti (Emergency Medicine)*

Ferrara University, ITALY

Contactperson

Prof Reinhold Stockbrugger (rstockbrugger635@gmail.com)

Participating departments/institutes

Anaesthesia and Intensive Care, Surgery, Emergency Medicine and Surgery, Pulmunology, Cardiology, Infectious Disease.

Background information: Main Topics

Learning goals

To recognize how ill is my patient

Approach to the patient

- visiting a patient in Intensive Care Unit
- communication skills
- principles of modern medical treatment
- principles of surgical treatment

Outline of the programme

Two case/problem-based tutorials per week

Three lectures by basic and clinical specialists per week

Practicals in the field

- *Acute respiratory failure: how to recognize and treat*
- *Blood gas analysis*
- *Hypoperfusion: volume and electrolyte balance*
- *Emergency surgery*
- *Surgical patient on the ward*
- *High fidelity simulation*

International health themes (ITM major / minor)

English is the language!

Required knowledge

Basic knowledge of anatomy, physiology and pathophysiology.

Motivation to meet patients and understand their needs.

Feedback

The Ferrara Dept.s involved have a long tradition in PBL and PB Teaching

Way of assessment and Final assessment

Activity in the practical training; final multiple choice test

All teaching activities will be hold at the University Hospital in Cona

Week 1 (10-13 June) <i>BASIC AND CLINICS OF MEDICAL AND SURGICAL INTENSIVE CARE</i>	Subject	Teacher
<p>Tue 10</p> <p>10.00 -12.30</p> <p>14.00 – 15.00</p> <p>15.00 – 16.30</p>	<p><i>Registration of the external students at: University, Office International Affairs Dott.C. Santoro; Ferrara, Via Savonarola 9</i></p> <p><i>Introduction to the course</i></p> <p><i>Lecture 1: Near fatal asthma!</i></p> <p>Case 1 (discussion)</p>	<p><i>R. Stockbrugher</i></p> <p><i>G. Caramori</i></p> <p>Tutors: G. Zani, A. Gioia, L. Castelli, L. Morganti, D. Andreotti</p>
<p>Wdn 11</p> <p>14.00 – 15.00</p> <p>15.00 – 16.00</p>	<p><i>Lecture 2: Help me if you can! In-hospital emergency</i></p> <p><i>Lecture 3 Acute cardiac failure: time is muscle!</i></p>	<p><i>C.A. Volta</i></p> <p><i>C. Ceconi</i></p>
<p>Thu 12</p> <p>14.00 – 15.00</p> <p>15.00 – 16.30</p>	<p><i>Lecture 4 How can I respect the physiology of my patient? The acid – base balance and the interpretation of blood gas analysis”</i></p> <p>Practical: High Fidelity Simulation</p>	<p><i>C.A. Volta</i></p> <p>R Ragazzi, L Astolfi, CA Volta, C Feo</p>
<p>Fri 13</p> <p>11.00 – 13.00</p> <p>14.30 – 16.00</p>	<p>Practical: <i>volume and electrolyte balance</i></p> <p>Reporting Case 1.</p> <p>Discussion Case 2.</p>	

Week 2 (16-20 June)	Subject	Teacher(s)
Mon 16 14.00-15.00 15.00-16.30	<i>Lecture 5: Help me if you can! A tremendous car accident</i> Practical: Blood gas analysis	C. Feo CA Volta
Tue 17 14.00-15.00 15.00-16.30	<i>Lecture 6: Acute respiratory failure: a matter of life and death</i> Reporting case 2 Discussion case 3	CA Volta Tutors: G. Zani, A. Gioia, L. Castelli, L. Morganti, D. Andreotti
Wdn 18 15.00-16.00 16.00-17.30	<i>Lecture 7: Acute abdomen</i> Practical: Acute Respiratory Failure	C. Feo S. Spadaro
Thu 19 14.00-15.30	Practical: Cardiac failure	C. Ceconi
Fri 20 14.00 – 15.00 15.30 – 17.00	<i>Lecture 8 Antibiotics therapy in the critical ill patients</i> Reporting Case 2. Discussion Case 3.	R. Cultrera Tutors: G. Zani, A. Gioia, L. Castelli, L. Morganti, D. Andreotti

Week 3 (23-27 June)	Subject	Teacher(s)
Mon 23 14.00 – 15.00	Lecture 9 <i>How to do the right things at the right time? Shock and tissue hypoperfusion</i>	CA Volta
Tue 24 14.00 – 15.00	Lecture 10 <i>Peritonities</i>	C. Feo
15.00 – 16.30	Reporting case 3 Discussion case 4	Tutors: G. Zani, A. Gioia, L. Castelli
Wdn 25 9.00 – 13.00 (to be defined)	<i>Practical: Surgical patient on the ward</i>	<i>S. Ascanelli</i>
Thu 26 14.00-15.00	Lecture 11 <i>Volume replacement therapy</i>	CA Volta
Fri 27 14.00-15.00	Lecture 12/training: "Communication skills"	R. Stockbrugger
15.00-16.30	Reporting Case 4 Discussion Case 5	Tutors: G. Zani, A. Gioia, L. Castelli

Week 4 (30 June-4 July)	Subject	Teacher(s)
Mon 30 9.00-13.00	<i>Practical: Visiting patients in Emergency Department (Surgical ward)</i>	<i>S. Occhionorelli</i>
Tue 1 9.00-13.00 14.00 – 15.30	<i>Practical: Visiting patients in Emergency Department (Medical ward)</i> <i>Reporting case 5</i>	<i>R. Melandri, M. Giacometti</i> <i>Tutors: G. Zani, A. Gioia, L. Castelli, L. Morganti, D. Andreotti</i>
Wdn 2 9.00 – 12.00	<i>Practical: venous access (peripheral and central)</i>	<i>Feo, Ferraresi, ...</i>
Thu 3	Self study	
Fri 4 09.00 – 12.00	Exam (multiple choice) and course evaluation.	Prof. R. Stockbrugger