



università di ferrara
DA SEICENTO ANNI GUARDIAMO AVANTI.

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 10 – July 5, 2013

Teaching language

English

Maximum number of students

10 + 10

Programme co-ordinators

*Overall teaching planning and Institutional 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 (10-14 June) <i>BASIC AND CLINICS OF MEDICAL AND SURGICAL INTENSIVE CARE</i>	Subject	Teacher
Mon 10 10.00 -12.30 15.00 – 16.00 16.00 – 17.00	<i>Registration of the external students at: University, Office International Affairs Dott.C. Santoro; Ferrara, Via Savonarola 9</i> <i>Introduction to the course</i> <i>Lecture 1:</i> <i>Help me if you can! In-hospital emergency</i>	 <i>R. Stockbrugher, CA Volta/C Feo</i> CA Volta
Tue 11 14.00 – 15.00 15.00 – 16.30	<i>Lecture 2:</i> <i>Help me if you can! A tremendous car accident</i> Case 1 (discussion)	C. Feo Tutors: G. Zani, A. Gioia, L. Castelli, L. Morganti, D. Andreotti
Wdn 12 15.00 – 16.00	<i>Lecture 3</i> <i>"How can I respect the physiology of my patient? The acid – base balance and the interpretation of blood gas analysis"</i>	C.A. Volta
Thu 13 14.00 – 15.00 15.00 – 16.30	<i>Lecture 4</i> <i>Acute cardiac failure: time is muscle!</i> Practical: High Fidelity Simulation	C. Ceconi R Ragazzi, L Astolfi, CA Volta, C Feo
Fri 14 11.00 – 13.00 14.30 – 16.00	Practical: Hypoperfusion: volume and electrolyte balance Reporting Case 1.	CA Volta Tutors: G. Zani, A. Gioia, L. Castelli, L. Morganti, D. Andreotti

	Discussion Case 2.	
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Week 2 (17-21 June)	Subject	Teacher(s)
Mon 17 14.00-15.00 15.00-16.30	<i>Lecture 5: Near fatal asthma!</i> Practical: Blood gas analysis	<i>G. Caramori</i> CA Volta
Tue 18 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	<i>CA Volta</i> Tutors: G. Zani, A. Gioia, L. Castelli, L. Morganti, D. Andreotti
Wdn 19 15.00-16.00 16.00-17.30	<i>Lecture 7: Acute abdomen</i> Practical: Acute Respiratory Failure	<i>C. Feo</i> S. Spadaro
Thu 20 14.00-15.30	Practical: Cardiac failure	C. Ceconi
Fri 21 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.	<i>R. Cultrera</i> Tutors: G. Zani, A. Gioia, L. Castelli, L. Morganti, D. Andreotti

Week 3 (24-28 June)	Subject	Teacher(s)
Mon 24 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 25 14.00 – 15.00 15.00 – 16.30	Lecture 10 <i>Peritonities</i> Reporting case 3 Discussion case 4	C. Feo Tutors: G. Zani, A. Gioia, L. Castelli
Wdn 26 9.00 – 13.00 (to be defined)	<i>Practical: Surgical patient on the ward</i>	<i>S. Ascanelli</i>
Thu 27 14.00-15.00	Lecture 11 <i>Volume replacement therapy</i>	CA Volta
Fri 28 14.00-15.00 15.00-16.30	Lecture 12/training: "Communication skills" Reporting Case 4 Discussion Case 5	R. Stockbrugger Tutors: G. Zani, A. Gioia, L. Castelli

Week 4 (1-5 July)	Subject	Teacher(s)
Mon 1 9.00-13.00	<i>Practical: Visiting patients in Emergency Department (Surgical ward)</i>	<i>S. Occhionorelli</i>
Tue 2 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 3 9.00 – 12.00	<i>Practical: venous access (peripheral and central)</i>	<i>Feo, Ferraresi, ...</i>
Thu 4	Self study	
Fri 5 09.00 – 12.00	Exam (multiple choice) and course evaluation.	Prof. R. Stockbrugger