



università di ferrara
DA SEICENTO ANNI GUARDIAMO AVANTI.

Ferrara And Maastricht Exchange (F.A.M.E.) COURSE

Title of the program

" BASIC AND CLINICS OF MEDICAL AND SURGICAL INTENSIVE CARE"

Discipline

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

Period

June 12 – July 7, 2016

Teaching language

English

Maximum number of students

10 + 10

Programme co-ordinators

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

*Practical teaching
Marco Contoli (Pulmunology),
Alessandro Fucili (Cardiology)
Rosario Cultrera (Infectious Disease)
Simona Ascanelli, Savino Occhionorelli (Emergency Surgery)
Maurizio Giacometti (Emergency Medicine)*

Ferrara University, ITALY

Contact person

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 program

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

BASIC AND CLINICS OF MEDICAL AND SURGICAL INTENSIVE CARE		
<i>All teaching activities will be hold at the University Hospital of Ferrara in Cona</i>		
Week 1 (12-16 June)	Subject	Teacher(s)
Mon 12		
09.00 – 11.00	Registration of the external students at: University, Office International Affairs Dott. C. Santoro; Ferrara, Via Savonarola 9	
15.00 – 16.00 Aula 8 T35.17	Introduction to the course	R. Stockbrugher, C.A. Volta/C. Feo
16.00 – 17.00 Aula 8 T35.17	Lecture 1: <i>Help me if you can! In-hospital emergency</i>	C.A. Volta
Tue 13		
09.00 – 10.30 Aula 7 T35.02	<i>Discussion Case 1</i>	Tutors:, L. Morganti, D. Andreotti, G. Biondi, M. Tartaglione, M.C. Villani, M. Albanese
14.00 – 15.00 Aula 7 T35.02	Lecture 2: <i>Help me if you can! A tremendous car accident</i>	C. Feo
15.30 – 16.30 Aula 7 T35.02	Lecture 3: <i>How to do the right things at the right time? Shock, tissue hypoperfusion</i>	C.A. Volta
Wdn 14		
09.00 – 10.00 Aula 7 T35.02	Lecture 4: <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
10.30 – 12.00	Practical: <i>High Fidelity Simulation</i>	R. Ragazzi, L. Astolfi, C.A. Volta, C. Feo
Thu 15		
11.00 – 13.00 1C2 (open space Chir Gen)	Practical (Intensive Care Units): <i>Hypoperfusion: volume and electrolyte balance</i>	C.A. Volta
14.30 – 16.00 Aula 3 T 34.34	<i>Reporting Case 1</i> <i>Discussion Case 2</i>	Tutors: L. Morganti, D. Andreotti, G. Biondi, M. Tartaglione, M.C. Villani, M. Albanese

Fri 16	Holiday	
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Week 2 (19-23 June)	Subject	Teacher(s)
Mon 19	Holiday	
Tue 20		
10.30 – 12.00	Practical: <i>Blood gas analysis</i>	S. Spadaro / C.A. Volta
13.30 – 14.30 Aula 7 T35.02	Lecture 6: <i>Acute respiratory failure: a matter of life and death</i>	C.A. Volta
15.00 – 16.30 Aula 7 T35.02	Reporting Case 2 Discussion Case 3	Tutors: A. Gioia, L. Castelli, L. Morganti, D. Andreotti, G. Biondi, M. Tartaglione, M.C. Villani, M. Albanese
Wdn 21		
09.00 – 10.00 Aula 7 T35.02	Lecture 7: <i>Acute abdomen</i>	C. Feo
10.30 – 12.00	Practical: <i>Acute Respiratory Failure</i>	S. Spadaro
Thu 22		
11.00 – 12.30	Practical: <i>Cardiac failure</i>	A. Fucili
13.00 – 14.00 Aula 7 T35.02	Lecture 8: <i>Antibiotics therapy in critical ill patients</i>	R. Cultrera
14.30 – 16.00 Aula 7 T35.02	Reporting Case 2 Discussion Case 3	Tutors: A. Gioia, L. Castelli, L. Morganti, D. Andreotti, G. Biondi, M. Tartaglione, M.C. Villani, M. Albanese
Fri 23	Holiday	

Week 3 (26-24 June)	Subject	Teacher(s)
Mon 26	Holiday	
Tue 27		
09.00 – 10.00 Aula 7 T35.02	Lecture 9: <i>Acute cardiac failure: time is muscle!</i>	A. Fucili
10.00 – 14.00	Practical: <i>Surgical patients on the ward</i>	S. Ascanelli
14.30 – 16.00 Aula 7 T35.02	Reporting Case 3 Discussion Case 4	Tutors: A. Gioia, L. Castelli, L. Morganti, D. Andreotti, G. Biondi, M. Tartaglione, M.C. Villani, M. Albanese
Wdn 28		
12.00 – 13.00 Aula 7 T35.02	Lecture 10: <i>Peritonities</i>	C. Feo
14.30 – 16.30 Aula 7 T35.02	Lecture 11: <i>Severe asthma and near fatal asthma!</i>	M. Contoli
Thu 29		
11.00 – 12.00 Aula 7 T35.02	Lecture 11: <i>Volume replacement therapy</i>	C.A. Volta
12.30 – 14.30 Aula 7 T35.02	Lecture 12/training: <i>Communication skills</i>	R. Stockbrugger
15.00 – 16.30 Aula 7 T35.02	Reporting Case 4 Discussion Case 5	Tutors: A. Gioia, L. Castelli, L. Morganti, D. Andreotti, G. Biondi, M. Tartaglione, M.C. Villani, M. Albanese
Fri 30	Holiday	

Week 4 (3 July - 7 July)	Subject	Teacher(s)
Mon 3 09.00 – 13.00	<i>Practical: Visiting patients in Emergency Department (Surgical ward)</i>	S. Occhionorelli
Tue 4 09.00 – 13.00 14.00 – 15.30 Aula 7 T35.02	<i>Practical: Visiting patients in Emergency Department (Medical ward)</i> Reporting Case 5	R. Melandri, M. Giacometti Tutors: L. Morganti, D. Andreotti, G. Biondi, M. Tartaglione, M.C. Villani, M. Albanese
Wdn 5 9.00 – 12.00	<i>Practical: Visiting an ICU...</i>	S. Spadaro, C.A. Volta
Thu 6	Self study	
Fri 7 09.00 – 12.00 Aula 7 T35.02	Exam (multiple choice) and course evaluation	R. Stockbrugger