



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 06 – July 1, 2016

Teaching language

English

Programme co-ordinators

*Overall teaching planning and Istitutional 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

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

Week 1 (06-10 June)	Subject	Teacher(s)
Mon 06 09.00 – 11.00 15.00 – 16.00 Aula 4 Cona 16.00 – 17.00 Aula 4 Cona	Registration of the external students at: University, Office International Affairs Dott. C. Santoro; Ferrara, Via Savonarola 9 Introduction to the course Lecture 1: <i>Help me if you can! In-hospital emergency</i>	 R. Stockbrugher, C.A. Volta/C. Feo C.A. Volta
Tue 07 09.00 – 10.30 Aula 4 Cona 14.00 – 15.00 Aula 4 Cona	Discussion Case 1 Lecture 2: <i>Help me if you can! A tremendous car accident</i>	Tutors: A. Gioia, L. Castelli, L. Morganti, D. Andreotti, G. Biondi, M. Tartaglione, M.C. Villani, M. Albanese, D. Lacavalla, S.Rubino C. Feo
Wdn 08 09.00 – 10.00 Aula 4 Cona 10.30 – 12.00 Aula Plenaria d Simulazione-3.36.20-19 (Studi Dipartimentali 1C3) Cona	Lecture 3: <i>How to do the right things at the right time? Shock and tissue hypoperfusion</i> Practical: <i>High Fidelity Simulation</i>	C.A. Volta R. Ragazzi, L. Astolfi, C.A. Volta, C. Feo
Thu 09 10.00 -11.00 Aula Plenaria	Lecture 4: <i>How can I respect the physiology of my patient? The acid – base balance and the</i>	C.A. Volta

<p>d Simulazione-3.36.20-19 (Studi Dipartimentali 1C3) Cona</p> <p>11.00 – 13.00 1C2 (open space Chir Gen)</p> <p>14.30 – 16.00 Aula 4 Cona</p>	<p><i>interpretation of blood gas analysis</i></p> <p>Practical (Intensive Care Units): <i>Hypoperfusion: volume and electrolyte balance</i></p> <p><i>Reporting Case 1</i> <i>Discussion Case 2</i></p>	<p>C.A. Volta</p> <p>Tutors: A. Gioia, L. Castelli, L. Morganti, D. Andreotti, G. Biondi, M. Tartaglione, M.C. Villani, M. Albanese, D. Lacavalla, S.Rubino</p>
<p>Fri 10</p>	<p>Holiday</p>	

<p>Week 2 (13-17 June)</p>	<p>Subject</p>	<p>Teacher(s)</p>
<p>Mon 13</p>	<p>Holiday</p>	
<p>Tue 14</p> <p>10.30 – 12.00 Aula 4 Cona</p> <p>13.30 – 14.30 Aula 4 Cona</p> <p>15.00 – 16.30 Aula 4 Cona</p>	<p>Practical: <i>Blood gas analysis</i></p> <p>Lecture 5: <i>Acute respiratory failure: a matter of life and death</i></p> <p><i>Reporting Case 2</i> <i>Discussion Case 3</i></p>	<p>S. Spadaro / C.A. Volta</p> <p>C.A. Volta</p> <p>Tutors: A. Gioia, L. Castelli, L. Morganti, D. Andreotti, G. Biondi, M. Tartaglione, M.C. Villani, M. Albanese, D. Lacavalla, S.Rubino</p>
<p>Wdn 15</p> <p>09.00 – 10.00 Aula 4 Cona</p> <p>10.30 – 12.00 Aula 4 Cona</p>	<p>Lecture 6: <i>Acute abdomen</i></p> <p>Practical: <i>Acute Respiratory Failure</i></p>	<p>C. Feo</p> <p>S. Spadaro</p>
<p>Thu 16</p> <p>11.00 – 12.30 Aula 8 Cona</p>	<p>Practical: <i>Cardiac failure</i></p>	<p>A. Fucili</p>

13.00 – 14.00 Aula 8 Cona	Lecture 7: <i>Antibiotics therapy in critical ill patients</i>	R. Cultrera
14.30 – 16.00 Aula 8 Cona	Reporting Case 2 Discussion Case 3	Tutors: A. Gioia, L. Castelli, L. Morganti, D. Andreotti, G. Biondi, M. Tartaglione, M.C. Villani, M. Albanese, D. Lacavalla, S.Rubino
Fri 17	Holiday	

Week 3 (20-24 June)	Subject	Teacher(s)
Mon 20	Holiday	
Tue 21		
11.00 – 12.00 Aula 4 Cona	Lecture 8: <i>Acute cardiac failure: time is muscle!</i>	A. Fucili
12.30 – 13.30 Aula 4 Cona	Lecture 9: <i>Peritonities</i>	C. Feo
14.30 – 16.00 Aula 4 Cona	Reporting Case 3 Discussion Case 4	Tutors: A. Gioia, L. Castelli, L. Morganti, D. Andreotti, G. Biondi, M. Tartaglione, M.C. Villani, M. Albanese, D. Lacavalla, S.Rubino
Wdn 22		
09.00 – 13.00 Aula 4 Cona	Practical: <i>Surgical patients on the ward</i>	S. Ascanelli
14.30 – 15.30 Aula 4 Cona	Lecture 10: <i>Near fatal asthma!</i>	G. Caramori
Thu 23		
11.00 – 12.00 Aula 4 Cona	Lecture 11: <i>Volume replacement therapy</i>	C.A. Volta
12.30 – 14.30 Aula 4 Cona	Lecture 12/training: <i>Communication skills</i>	R. Stockbrugger

15.00 – 16.30 Aula 4 Cona	Reporting Case 4 Discussion Case 5	Tutors: A. Gioia, L. Castelli, L. Morganti, D. Andreotti, G. Biondi, M. Tartaglione, M.C. Villani, M. Albanese, D. Lacavalla, S.Rubino
Fri 24	Holiday	

Week 4 (27 June - 1 July)	Subject	Teacher(s)
Mon 27 09.00 – 13.00 Aula 5 Cona	Practical: <i>Visiting patients in Emergency Department (Surgical ward)</i>	S. Occhionorelli
Tue 28 09.00 – 13.00 Aula 4 Cona 14.00 – 15.30 Aula 4 Cona	Practical: <i>Visiting patients in Emergency Department (Medical ward)</i> Reporting Case 5	R. Melandri, M. Giacometti Tutors: A. Gioia, L. Castelli, L. Morganti, D. Andreotti, G. Biondi, M. Tartaglione, M.C. Villani, M. Albanese, D. Lacavalla, S.Rubino
Wdn 29 9.00 – 12.00 Terapia Intensiva	Practical: <i>Visiting an ICU...</i>	S. Spadaro, C.A. Volta
Thu 30	Self study	
Fri 1 09.00 – 12.00 Aula 4 Cona	Exam (multiple choice) and course evaluation	R. Stockbrugger