

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

### 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 08 - July 3, 2015

# 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
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 assessmentand Final assessment

Activity in the practical training; final multiple choice test

Mon 08  09.00 - 11.00  Registration of the external students at: University, Office International Affairs Dott. C. Santoro; Ferrara, Via Savonarola 9  Introduction to the course  Introduction to the course  C.A. Volta/C. Feo  C.A. Volta  R. Stockbrugher, C.A. Volta/C. Feo  R. Stockbrugher, C.A. Volta/C. Feo  C.A. Volta  C.A. Volta  C.A. Volta  C.A. Volta  Discussion Case 1  Lecture 1: Help me if you can! In-hospital emergency  Discussion Case 1  Lecture 2: Help me if you can! A tremendous car accident  Lecture 3: How can I respect the physiology of my patient? The acid – base balance and the interpretation of blood gas analysis  Wdn 10  O9.00 - 10.00 Aula 8 T35.17 Cona  Lecture 4: Acute cardiac fallure: time is muscle!  C. Ceconi  Practical: High Fidelity Simulation  Practical: Hypoperfusion: volume and electrolyte balance  11.30 - 16.00 Aula 8 T35.17 Cona  Reporting Case 1 Discussion Case 2  Fri 12  Holiday	<b>Week 1</b> (08-12 June)	Subject	Teacher(s)
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Aula 8 T35.17 Cona Discussion Case 2			?
Fri 12 Holiday			?

<b>Week 2</b> (15-19 June)	Subject	Teacher(s)
Mon 15	Holiday	
Tue 16		
09.00 - 10.00 Aula 8 T35.17 Cona	Lecture 5: Near fatal asthma!	G. Caramori
10.30 - 12.00	Practical: Blood gas analysis	C.A. Volta
13.30 - 14.30 Aula 8 T35.17 Cona	Lecture 6: Acute respiratory failure: a matter of life and death	C.A. Volta
15.00 - 16.30 Aula 8 T35.17 Cona	Reporting Case 2 Discussion Case 3	Tutors: G. Zani, A. Gioia, L. Castelli, L. Morganti, D. Andreotti
Wdn 17		
09.00 - 10.00 Aula 8 T35.17 Cona	Lecture 7: Acute abdomen	C. Feo
10.30 - 12.00	Practical: Acute Respiratory Failure	S. Spadaro
Thu 18		
11.00 - 12.30	Practical: Cardiac failure	C. Ceconi
13.00 - 14.00 Aula 8 T35.17 Cona	Lecture 8: Antibiotics therapy in critical ill patients	R. Cultrera
14.30 - 16.00 Aula 8 T35.17 Cona	Reporting Case 2 Discussion Case 3	Tutors: G. Zani, A. Gioia, L. Castelli, L. Morganti, D. Andreotti
Fri 19	Holiday	

Week 3	Subject	Teacher(s)
(22-26 June) <b>Mon 22</b>	Holiday	
Mon 22	Holiday	
Tue 23		
11.00 - 12.00 Aula 8 T35.17 Cona	Lecture 9: How to do the right things at the right time? Shock and tissue hypoperfusion	C.A. Volta
12.30 - 13.30 Aula 8 T35.17 Cona	Lecture 10: Peritonities	C. Feo
14.30 - 16.00 Aula 8 T35.17 Cona	Reporting Case 3 Discussion Case 4	Tutors: G. Zani, A. Gioia, L. Castelli
Wdn 24		
09.00 - 13.00	Practical:	
(to be defined)	Surgical patients on the ward	S. Ascanelli
Thu 25		
11.00 - 12.00	Lecture 11:	
Aula 8 T35.17 Cona	Volume replacement therapy	C.A. Volta
12.30 - 14.30 Aula 8 T35.17 Cona	Lecture 12/training: Communication skills	R. Stockbrugger
15.00 - 16.30 Aula 8 T35.17 Cona	Reporting Case 4 Discussion Case 5	Tutors: G. Zani, A. Gioia, L. Castelli
Fri 26	Holiday	

Week 4	Subject	Teacher(s)
(29 June - 3 July)		
Mon 29		
09.00 - 13.00	Practical:	S. Occhionorelli
	Visiting patients in Emergency	
	Department (Surgical ward)	
Tue 30		
00.00 12.00	B. W. I	
09.00 - 13.00	Practical:	
	Visiting patients in Emergency	R. Melandri, M.
	Department (Medical ward)	Giacometti
14.00 - 15.30	Reporting Case 5	Tutors: G. Zani, A.
Aula 8 T35.17 Cona	Troporturing case of	Gioia, L. Castelli, L.
		Morganti, D.
		Andreotti
Wdn 1		
9.00 - 12.00	Practical:	
9.00 - 12.00		Farmarasi A. Fac C
Thu 2	Venous access (peripheral and central)	Ferraresi A., Feo C.
Inu 2	Self study	
Fri 3		
09.00 - 12.00	Exam (multiple choice) and course	R. Stockbrugger
Aula 8 T35.17 Cona	evaluation	stocksrugger