



«ETTORE MAJORANA» FOUNDATION AND CENTRE FOR SCIENTIFIC CULTURE
TO PAY A PERMANENT TRIBUTE TO GALILEO GALILEI, FOUNDER OF MODERN SCIENCE
AND TO ENRICO FERMI, THE "ITALIAN NAVIGATOR", FATHER OF THE WEAK FORCES



INTERNATIONAL SCHOOL OF CARDIAC SURGERY

3rd Course: EMERGENCY IN CARDIOVASCULAR SURGERY: AN INTEGRATED APPROACH

ERICE-SICILY: 18 – 23 MAY 2009

Sponsored by the: • Italian Ministry of Education, University and Scientific Research • Sicilian Regional Government
• Italian Society for Cardiac Surgery • Policlinico di Monza Foundation

PROGRAMME AND LECTURERS

Surgical anatomy in acute cardiovascular syndromes
State of the art in non invasive imaging for acute cardiovascular disorders
Urgent and emergent redo cardiovascular surgery: hazards and their avoidance
Perioperative emergencies: prevention, diagnosis and management
Emergency coronary surgery bypass graft surgery for acute coronary syndromes
Surgical versus percutaneous revascularization for cardiogenic shock complicating acute myocardial infarction
Management of the acute complications of myocardial infarction: ventricular septal defect, rupture of the papillary muscle, rupture of the heart
State of the art in the use of mechanical circulatory support devices for the treatment of cardiogenic shock of various origin: post-cardiotomy myocardial failure, myocardial infarction, acute myocarditis
Surgical ventricular restoration in acute cardiogenic failure: rationale and results
Management of acute mitral insufficiency secondary to ischemic and degenerative disease
Management of acute heart failure secondary to prosthetic valve dysfunction
Innovative techniques for aortic valve replacement for severe left ventricular failure
Management of native and prosthetic valve endocarditis
State of the art in the management of acute aortic dissections
Innovations in valve sparing operations in urgent and emergent aortic surgery
New frontiers in the treatment of thoraco-abdominal aneurysms
Management of traumatic rupture of the aorta
Management of acute massive pulmonary embolism
Extra corporeal life support for refractory cardiac arrest and cardiogenic shock

• M. ANTUNES, University Hospital, Coimbra, PT
• W. CASATI, Policlinico di Monza, S. Gaudenzio, Novara, IT
• G. CERIN, Policlinico di Monza, S. Gaudenzio, Novara, IT
• R. De PAULIS, European Hospital, Rome, IT
• S. De SERVI, Ospedale Civile, Legnano, IT
• R. Di BARTOLOMEO, University Hospital, Bologna, IT
• M. Di DONATO, Istituto Policlinico S. Donato, Milano, IT
• M. DIENA, Policlinico di Monza, S. Gaudenzio, Novara, IT
• A. FABBRI, Ospedale S. Bortolo, Vicenza, IT
• G. GEROSA, University Hospital, Padova, IT
• R. HETZER, German Heart Institute, Berlin, DE
• P. KAPPETEIN, Thoraxcenter Erasmus University, Rotterdam, NL
• T. KHOURI, Policlinico di Monza, IT
• L. MENICANTI, Istituto Policlinico S. Donato, Milano, IT
• F. MOHR, Herzzentrum University Hospital Leipzig, DE
• H. MURESAN, University Hospital, Bucarest, RO
• L. PARENZAN, International Heart School, Bergamo, IT
• J.L. POMAR, University Hospital, Barcelona, ES
• G. SANI, University Hospital, Firenze, IT
• P. SERGEANT, University Hospital, Leuven, BE
• M. SITGES, University Hospital, Barcelona, ES
• G. SPECCHIA, Policlinico di Monza, IT
• G. THIENE, University of Padua, IT
• M. TURINA, University Hospital, Zurich, CH
• E. VANOLI, Policlinico di Monza–Università, Pavia, IT
• E. VITALI, Humanitas Gavazzeni, Bergamo, IT
• A. WECHSLER, Drexler University Hospital, Philadelphia, PA, US
• S. WESTABY, John Radcliffe Hospital, Oxford, UK

PURPOSE OF THE COURSE

This interdisciplinary and interactive course has been designed to provide a comprehensive survey of the current knowledge regarding the complex issues pertaining to the various aspects of cardiovascular syndromes requiring urgent and emergent treatment. The course will address the most recent diagnostic and therapeutic advances in various fields, with special emphasis on the role of surgery. Upon completion of the course, the participants will have had the opportunity to gain a thorough knowledge of a wide range of topics, from acute ventricular failure to aortic dissections, from massive pulmonary embolism to the mechanical complications of myocardial infarction, from valve dysfunction and dehiscence to traumatic aortic rupture etc. and will be equipped with the necessary information to apply the current concepts for diagnosis, patient selection and optimization of therapeutic strategies. Surgical options and techniques will be highlighted and discussed in depth.

APPLICATIONS

Persons wishing to attend the Course should apply in writing to:

- Dr. Ugo Filippo TESLER
Scientific Director
Cardiac Surgery Department
Policlinico di Monza Hospitals Group
Via Amati, 111 – 20052 MONZA, Italy
e-mail: hugin@iol.it

specifying:

- i) date and place of birth together with present nationality;
- ii) degree and other academic qualifications;
- iii) list of publications;
- iv) present position and place of work.

Persons also wishing to present a paper during the meeting should send an abstract to the same e-mail address not later than 28 February, 2009. Notice of acceptance of the papers selected for presentation will be sent via e-mail, by 31 March, 2009.

POETIC TOUCH

According to legend, Erice, son of Venus and Neptune, founded a small town on top of a mountain (750 metres above sea level) more than three thousand years ago. The founder of modern history — i.e. the recording of events in a methodic and chronological sequence as they really happened without reference to mythical causes — the great Thucydides (~500 B.C.), writing about events connected with the conquest of Troy (1183 B.C.) said: «After the fall of Troy some Trojans on their escape from the Achaei arrived in Sicily by boat and as they settled near the border with the Sicilians all together they were named Elymi: their towns were Segesta and Erice.» This inspired Virgil to describe the arrival of the Trojan royal family in Erice and the burial of Anchise, by his son Enea, on the coast below Erice. Homer (~1000 B.C.), Theocritus (~300 B.C.), Polybius (~200 B.C.), Virgil (~50 B.C.), Horace (~20 B.C.), and others have celebrated this magnificent spot in Sicily in their poems. During seven centuries (XIII-XIX) the town of Erice was under the leadership of a local oligarchy, whose wisdom assured a long period of cultural development and economic prosperity which in turn gave rise to the many churches, monasteries and private palaces which you see today.

In Erice you can admire the Castle of Venus, the Cyclopean Walls (~800 B.C.) and the Gothic Cathedral (~1300 A.D.). Erice is at present a mixture of ancient and medieval architecture. Other masterpieces of ancient civilization are to be found in the neighbourhood: at Motya (Phoenician), Segesta (Elymian), and Selinunte (Greek). On the Aegadian Islands — theatre of the decisive naval battle of the first Punic War (264-241 B.C.) — suggestive neolithic and paleolithic vestiges are still visible: the grottoes of Favignana, the carvings and murals of Levanzo.

Splendid beaches are to be found at San Vito Lo Capo, Scopello, and Cornino, and a wild and rocky coast around Monte Cofano: all at less than one hour's drive from Erice.

More information about the «Ettore Majorana» Foundation and Centre for Scientific Culture can be found on the WWW at the following address:
<http://www.ccsem.infn.it>

- PLEASE NOTE

Participants must arrive in Erice on 18 May, not later than 5 pm.