



«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

2nd Course: LEFT AND RIGHT VENTRICULAR FAILURE: CONCEPTS AND MANAGEMENT

ERICE-SICILY: 17 - 22 MAY 2007

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

Heart failure and ageing: a new pandemic syndrome
New concepts in the classification of cardiomyopathies
Genetic aspects of cardiomyopathies
The biomechanical model of heart failure
The process of left ventricular remodeling: theories and evolution
Left ventricular remodeling: surgical anatomy for the Cardiologist and the Surgeon
Innovation in cardiovascular imaging of the failing heart
Intraoperative echocardiography in valve repair
Emerging comorbidities in heart failure
Non-pharmacological treatment of heart failure
Old and new indications for surgical interventions in cardiogenic shock
Pharmacological control of cardiac function
Mechanical circulatory support devices
Surgical and percutaneous revascularization in heart failure
Conservative surgery of the atrioventricular valves in the dilated heart
Surgical ventricular restoration: rationale and results
Right ventricular failure: a surgical challenge
Cardiac regeneration: state of the art
New frontiers of surgery in heart failure: from heart transplantation to the artificial heart

• O. ALFIERI, Ospedale San Raffaele, Milano, I
• C. ALESSI, Policlinico di Monza, San Gaudenzio, Novara, I
• E. ARBUSTINI, Policlinico San Matteo, Pavia, I
• S. BENUSSI, Ospedale San Raffaele, Milano, I
• A. CALAFIORE, Azienda Ospedaliera Università di Catania, I
• G. CERIN, Policlinico di Monza, San Gaudenzio, Novara, I
• M. DI DONATO, Istituto Policlinico San Donato, Milano, I
• M. DIENA, Policlinico di Monza, San Gaudenzio, Novara, I
• R. DION, University Hospital, Leiden, NL
• A. DISTANTE, Istituto di Fisiologia Clinica del CNR, Pisa, I
• V. DOR, Cardiothoracic Center of Monaco, MC
• G. DREYFUS, Brompton and Harefield Hospital NHS Trust, London, UK
• P. FERRAZZI, Ospedali Riuniti, Bergamo, I
• A. FRIGIOLA, Istituto Policlinico San Donato, Milano, I
• G. GEROSA, Università di Padova, I
• L. INGLESE, Istituto Policlinico San Donato, Milano, I
• T. KHOURI, Policlinico di Monza, I
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• L. MENICANTI, Istituto Policlinico San Donato, Milano, I
• A. MORTARA, Policlinico di Monza, I
• H. MURESAN, University Hospital, Bucharest, RO
• M. OZ, Columbia Presbyterian Hospital, New York, NY, USA
• P. SLEIGHT, John Radcliffe Hospital, Oxford, UK
• G. SPECCHIA, Policlinico di Monza, I
• M. TURINA, University Hospital, Zurich, CH
• 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 of the complex issues pertaining to the various aspects of heart failure. The Course will address the most recent diagnostic and therapeutic advances in the field, with special emphasis on the role of surgery. Upon completion of the Course, the participants will have a thorough knowledge of the pathophysiologic processes leading to the development of heart failure and will be able to apply current concepts for diagnosis, patient selection and optimization of therapeutic strategies, with special reference to the surgical options. A special session will be devoted to the presentation of scientific papers by the participants to the Course.

APPLICATIONS

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

- Dr. Ugo Filippo TESLER
Direzione Scientifica del Policlinico di Monza
Via Amati, 111
20052 MONZA, Italy
e-mail: hugin@iol.it

specifying:

- date and place of birth together with present nationality;
- degree and other academic qualifications;
- list of publications;
- 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, 2007. Notice of acceptance of the papers selected for presentation will be sent via e-mail, by 31 March, 2007.

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 Sicanians 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 17 May, not later than 5 pm.