INTERNATIONAL SCHOOL OF CARDIAC SURGERY

4th Course: RECONSTRUCTIVE CARDIOVASCULAR SURGERY: AN INTERACTIVE APPROACH

ERICE-SICILY: 13 - 18 JUNE 2011

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

— PROGRAMME AND LECTURERS

Surgical anatomy of the heart and great vessels
Innovative imaging modalities for congenital and acquired cardiovascular disease
The role of perioperative echocardiography in defining the reconstructive surgical strategy
Evolution of intraoperative echocardiography: from 2D to live 3D mode
New guidelines for grown-up congenital heart disease of the European Society of Cardiology: indications for interventions and re-interventions
Innovations in reconstructive procedures for congenital heart disease
Autograft replacement of the aortic root
Correction of congenital heart disease in the adult patient
Engineering thoughts behind a reconstructive approach to the leaking mitral valve
Surgical techniques for the repair of the mitral valve for congenital, rheumatic, and degenerative disease
The dilemma of ischemic mitral insufficiency
Surgical treatment of tricuspid valve abnormalities
Physiopathological basis and experimental aspects of aortic valve repair
Surgical techniques for the repair of the diseased aortic valve
Remodelling of the aortic root and aortic valve sparing operations: physiopathological and technical aspects
Surgery for ascending aorta, aortic arch, descending thoracic aortic aneurysms
New frontiers in the management of thoracoabdominal aneurysms
Innovative technology for the treatment of aortic disease: rationale, indications and limitations
Management of acute aortic dissections
Moving from the surgical treatment of left ventricular aneurysm to ventriculoplasty: the point of view of the heart failure surgeon
How to select heart failure patients for left ventricular reconstruction
Surgery for the ischemic failing ventricle
Conservative surgery of the aortoventricular valves in the dilated heart
Cell therapy for the ischemic myocardium: facts and fiction

POURPOSE OF THE COURSE

This interdisciplinary and interactive Course has been designed to provide a comprehensive survey of the current knowledge regarding the various aspects of reconstructive surgery for the correction of congenital and acquired diseases of the heart and of the great vessels. The Course is further designed to appraise the evolution of conventional techniques and to critically compare them to the more recently introduced innovative procedures and the use of new devices, in order to assist in the selection of the appropriate approach to individual patients. Surgical options will be discussed in depth and the correlation with early results and late outcomes will be addressed. Upon completion of the Course, the participants will have had the opportunity to gain a thorough knowledge of state of the art reconstructive techniques in most aspects of cardiovascular pathology, and will be equipped with the necessary information to apply the current concepts for diagnosis, patient selection and optimization of therapeutic strategies.

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: hug@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, 2011.

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

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

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 Anchises, by his son Aeneas, 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 (~1300 A.D.) and the Gothic Cathedral (~1300 A.D.) Erice it is present a mixture of ancient and medieval architecture. Other masterpieces of ancient civilization are to be found in the neighborhood: at Motya (Phoenician), Segesta (Elymian), and Selinunte (Greek). On the Aegean 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 grooves of Evintana, the carvings and murals of Levanzo.

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