



ETTORE MAJORANA FOUNDATION AND CENTRE FOR SCIENTIFIC CULTURE

1963–2023

60th ANNIVERSARY OF ACTIVITIES



INTERNATIONAL SCHOOL OF CARDIAC SURGERY

9th Course: FROM MINIMAL INVASIVE TO MICROINVASIVE CARDIAC SURGERY

ERICE-SICILY: 2 – 5 APRIL 2023

Sponsored by the: Ministry of Education, University and Scientific Research • Sicilian Regional Government • Medtronic

PROGRAMME AND LECTURERS

Bicuspid aortic valve with dilated aortic root: To treat or not to treat?
Results of Aortic valve replacement and root replacement after Ross
Mechanical valve prosthesis: Is it an obsolete replacement?
Lifetime strategy: Focus in first choice and further redo permutations
Redo aortic valve surgery: How to approach it
Outcome of patients after ViV aortic valve replacement
Post surgical aortic false aneurysm: A surgical challenge
Anatomy and pathologies of the mitral valve
Mitral valve repair in Barlow disease
Minimally invasive approach to mitral valve repair and replacement
Functional mitral regurgitation: Which strategies for which patients
Functional mitral regurgitation: Surgeon's point of view
Minimally invasive access to mitral valve: Robotic and transcatheter
Microinvasive approach for mitral valve repair and replacement: Where do we stand?
Concomitant procedures during mitral valve replacement and repair
Micro invasive tricuspid valve replacement
Pediatric aortic valve repair: Is it a viable option?
Aortic valve replacement in children: What is available on the market?
Ross surgery: From infancy to adolescence and beyond
Looking to the future: Bioprinting new valves, when you want it ho you want it
Robotic Coronary artery revascularization. A "must have" tool in a coronary surgical program
Sex impact on outcomes and strategies in coronary revascularization
PCI on Left Main Disease: When?
Left main multi vassel disease pro PCI vs pro CABG
Heart failure: The new pandemic
Heart transplant. A long story made it short
MCS: A short (?) story made it long
Results Heart transplantation after MCS

Short term MCS
Long term MCS
Heart transplant: From homo to machine to xeno
One topic one career: Aortic Surgery
The adventurous history of heart surgery
The role of SICCH: Facing the new cardiac surgeon generation

- F. ALAMANNI, University of Milano, Milano, IT
- F. BARILI, S. Croce Hospital, Cuneo, IT
- M. DE FEO, University of Napoli, Napoli, IT
- R. DE PAULIS, European Hospital, Roma, IT
- R. DI BARTOLOMEO, University of Bologna, Bologna, IT
- L. GALLETTI, Bambino Gesù Hospital, Roma, IT
- C. GANDOLFO, ISMETT, Palermo, IT
- G. GEROSA, Padova University, Padova, IT
- A. GUARIENTO, Padova University, Padova, IT
- M. LO RITO, IRCCS San Donato, Milano, IT
- G.B. LUCIANI, University of Verona, Verona, IT
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- D. PACINI, University of Bologna, Bologna, IT
- A. PAROLARI, University of Milano, Milano, IT
- F. PATANE, University of Messina, Messina, IT
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- M. RUSSO, San Camillo Hospital, Roma, IT
- G. TARANTINI, Padova University, Padova, IT
- U. TESLER, Emeritus Ospedale San Carlo, Potenza, IT
- C. TESSARI, Padova University, Padova, IT
- G. TORREGROSSA, Lankenau Heart Institute, Philadelphia, PA, US

PURPOSE OF THE COURSE

Aim of the meeting is to provide young surgeons with all the information regarding the latest techniques, both surgical or transcatheter, for treating aortic, mitral and coronary diseases. Additionally, a panel of experts will provide an in-depth review of latest therapeutic options for end-stage heart failure.

The participants will have the great opportunity to test and improve their surgical skills by using several simulators mimicking both congenital and acquired heart diseases.

The added value of such meeting is the chance for young trainees to discuss surgical topics with very experienced surgeons and in the meantime to exchange ideas and to capture invaluable notions.

APPLICATIONS

Persons wishing to attend the Course should send an application, preferably by electronic mail, to:

Professor Gino GEROSA
email: gino.gerosa@unipd.it

Specifying:

- Date and place of birth together with present nationality
- Present position and place of work
- An abstract, if they wish to give a contribution (oral or poster).

PLEASE NOTE

Participants must arrive in Erice no later than 13.30 p.m. on 2nd April 2023

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 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 (~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 activities of the Ettore Majorana Foundation
can be found on the WWW at the following address:
<https://ettoremajoranafoundation.it>