

The Ross Procedure

Interactive “Minds-On” / “Hands-On” Stations

Chairmen: Andrew Parry & Asif Hasan

This session is opened with an exciting introductory lecture about Tissue Engineered Heart Valve Technology from Professor Kearney, Head of Tissue Services and Consultant Clinical Scientist heading up the Tissues R & D for NHS Blood & Transplant.

This is followed by a series of short talks introducing the contemporary use of the Ross Procedure, after which there will be an opportunity to both first assist and first operate on human cadaveric hearts creating the Ross Procedure.

At completion of the two surgical procedures there will be the opportunity to discuss the results of Ross Procedure surgery, the adjuncts that can facilitate safe surgery, the complication profiles, both short and long-term, and debrief on the surgical procedures during the day.

Faculty:

John Kearney

Andrew Parry

Asif Hasan

David Anderson

John Pepper

THE ROSS PROCEDURE AT A GLANCE

09:00-09:05

Introduction

Asif Hasan / Andrew Parry

09:05-09:25

Tissue Engineered Heart Valve Technology

John Kearney

09:30-09:45

Historical Perspective and Indications for The Ross Procedure in 2010

Andrew Parry

09:45-10:00

The Surgical Steps and Potential Pitfalls of the Ross Procedure

David Anderson

10:00-10:15

State of the Art Ross Procedure Surgery - Video Commentary

Asif Hasan

10:15-10:45

“Hands-On” Demonstration of The Ross Procedure

Faculty

11:00-12:30

“Hands-On” Construction of The Ross Procedure

Faculty

Part I

LUNCH 12:30-13:30

13:30-15:00

“Hands-On” Construction of The Ross Procedure

Faculty

Part II

15:00-15:15

“Hands-On” Discussion of Surgical Adjuncts and Results

Faculty

15:15-15:30

Surgical Debrief of Achievements and Objectives

Faculty