PROGRAMA

CIRURGIA CARDÍACA

All day **Training Village**

- Endoscopic vein harvesting (simulator)
- Left atrium appendage ligation

Sexta-Feira, **28 Novembro**

10:00 **Hands-on course | Valve-sparing procedures - Remodelling and Reimplantation (wetlab)**

Trainers: **Rui Rodrigues, Márcio Madeira, Gonçalo Coutinho**

Organizers: **António Canotilho, Paulo Oliveira**

12:00 **Lunch**

14:00 **Short Communications**

Moderators: **Paulo Oliveira, João Cardoso, António Canotilho**

- Aortic Valve Replacement in Patients Over 80: Effects on Age-Adjusted Survival
  Inês Pereira-Sousa
- Extravascular implantable cardioverter-defibrillator from a cardiac surgery perspective - Initial experience of a tertiary center
  Hagen Kahlbau
- Climate factors and the risk of acute type A aortic dissections: a machine learning approach
  Tiago R. Velho
- Near-total right atrial excision and complex reconstruction for primary angiosarcoma diagnosed during pregnancy
  Henrique Soares Moreira
- Permanent Pacemaker Implantation in Adults After Cardiac Surgery: Incidence, Predictors, and Long-Term Follow-Up
  Helena Boavida
- Positive fluid balance during aortic valve replacement: can we protect the kidney?
  Rafael Maniés Pereira
- New-onset atrial fibrillation after aortic valve replacement: mini-sternotomy versus complete median sternotomy — a single-centre experience
  Helena Boavida
- Full Versus Mini-Sternotomy for Isolated Aortic Valve Replacement: Single Center Retrospective Cohort
  Inês Pereira-Sousa
- Effect of pulmonary hypertension on outcomes of mitral valve surgery
  João Aquino
- Women's Representation in Observational Studies Versus Randomized Clinical Trials in Coronary Artery Bypass Grafting Surgery: An Umbrella Review
  Inês Pereira-Sousa
- Priming in Cardiopulmonary Bypass: Effects on Perioperative Hematocrit Profiles in Mannitol vs. Non-Mannitol Groups
  Rafael Maniés Pereira
- David Procedure: Single Center Initial Experience
  Belisa Marques Gomes
- The Trapped Leaflet: Intermittent Bioprosthetic Aortic Valve Malfunction Presenting as Cardiogenic Shock
  Mariana Campos
- Cardiac Surgery Outcomes: A Retrospective Institutional Study of Mortality and Morbidity
  Belisa Marques Gomes
- Transesophageal echocardiography in the detection of venous baffle obstruction after Senning Surgery, in D-TGV
  Marina Sofia Fonseca da Silva
- Cerebral Protection in Aortic Arch Surgery
  Cátia Filipa Ribeiro Sá
- HTK-Custodiol versus Blood Cardioplegia: Comparison of Myocardial Protection in Aortic Valve Surgery
  Inês Pereira-Sousa

16:00 **Free Communications**

Moderators: **Rui Cerqueira, Diogo Rijo**

- Less-invasive aortic valve replacement: mid-term comparative single-center study
  António Canotilho
- Aortic root surgery beyond Bentall: single-center experience and outcomes with the David procedure
  Catarina Antão

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- Is the increase in cardiopulmonary bypass time associated with peripheral cannulation in reoperations harmful when compared to central cannulation?
  Rafael Maniés Pereira
- Experience with Transcatheter Mitral Valve Replacement Using the Tendyne System: The České Budějovice Cohort
  Rafaela Santos
- Del Nido Cardioplegia efficacy and safety in adult multivalvular reoperative cardiac surgery: a propensity matched comparison
  Tiago Velho

17:00 **Manuel Machado Macedo Award**

Moderators: **António Brazão, Rui Rodrigues, Nuno Guerra**

- Assessing the Prognostic Value of the Penn Classification in Acute Aortic Dissection: A Survival and Risk Analysis
  Maria Resende
- Transplante Cardíaco Utilizando Doação Controlada Após Morte Circulatória (cDCD): experiência de um centro em Barcelona
  Ana Dantas Aveiro
- Mechanical versus Bioprosthetic aortic valve replacement in patients aged 55-70 years old – a comparative outcome single center analysis
  António Canotilho

Sábado, **29 Novembro**

08:15 **How to get minimal in aortic valve surgery – different visions different approaches (vídeos and thoughts sessions)**

Moderators: **Ângelo Nobre, António Brazão**

Discussants: **Rui Cerqueira, Manuel Magalhães, Filipe Soares**

- The role of the Cardiac Surgeon in TAVI: From alternative accesses to live-saving action
  Paulo Oliveira
- RAT – Right anterior thoracotomy
  Daniel Martins
- Transaxillary approach
  Luis Baquero
- The Role of Sutureless/Rapid deployment bioprosthesis in minimally invasive aortic valve replacement
  Pedro Correia

09:15 **Aortic root surgery**

Moderators: **Adelino Leite Moreira, Rui Rodrigues**

Discussants: **Diogo Rijo, Pedro Correia, Tiago Velho**

- Aortic valve sparing procedures
  - Reimplantation
    Omar Nawaytou
  - Remodeling
    Hans-Joachim Schäefers
- Beyond Preservation:
  - Surgical Strategies When the Native Valve Cannot Be Saved
    Augusto D'Onofrio

10:15 **Coffee break**

10:40 **Sponsored symposium I: Artivion | Leading in Aortic Arch Solutions – What is NEW**

Moderator: **Paulo Neves**

Speaker: **Katie O'Sullivan**

- AMDS – Treating ADTI with reproducible positive outcomes
- FET – Versatility with the LSA in Mind
- The Portuguese experience

11:10 **Moving Forward: From Root to Arch**

Moderators: **Márcio Madeira, António Tomás**

Discussants: **Carlos Branco, Ricardo Ferreira, Rui Cerqueira**

1. Tailoring Surgical Strategy in Aortic Dissection
   - Is it time to create an Aortic Fast-Track Pathway?
     José Pedro Neves
   - Managing organ malperfusion, fenestrations and other approaches: which is the best strategy?
     Augusto D'Onofrio

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2. Arch Under Fire: Endovascular vs. Frozen Elephant Trunk – Which Holds the Future?
   - Endovascular (Live in a box and short presentation)
     Vincent Riambau
   - Frozen Elephant Trunk (Live in a box and short presentation)
     Raphael Rodríguez Lecoq

12:30 **Sponsored symposium II: Cardiva | Next-Generation solutions for Aortic Disease: A full-spectrum approach from arch to iliac**

- Evolution of the Thoraflex Hybrid Graft: Towars tailored solutions in aortic surgery
  António Tomás
- Elephant trunk: Frozen vs classical
  Raphael Rodríguez Lecoq
- Engineering precision: The TREO Fenestrated Endograft and the new era of aortic care
  Vincent Riambau
- Discussion
  António Tomás & Gonçalo Alves

13:00 **Lunch**

14:00 **Surgical Horizons in arrythmology**

Moderators: **Ricardo Ferreira, Marta Marques**

Discussants: **Nelson Paulo, Hagen Kahlbau, Rui Cerejo**

1. Surgical Atrial fibrillation
   - Surgical atrial ablation: Current evidence
     Manuel Carnero Alcázar
   - MAZE IV, step by step
     Manuel Castella Perica
   - How to adapt the MAZE to minimally invasive surgery
     Mahmoud Wehbe
   - Current options for Left atrial appendage occlusion
     Ângelo Nobre
   - Discussion

2. EP and Cardiac Surgeon Working together?
   - Hybrid approaches
     Manuel Castella
   - The TT MAZE: Is there still room for it
     Mahmoud Wehbe
   - Extravascular ICD
     Carlos Branco
   - Clinical cases
     - Cardiac denervation for long QT syndrome
       Beatriz Draiblate
     - Epicardial Leads
       Hagen Kahlbau
     - Lead extraction
       António Canotilho
   - Discussion

16:00 **Coffee break**

16:30 **Sew developments in mitral and tricuspid valve surgery**

Moderators: **Gonçalo Coutinho, Manuel Magalhães**

Discussants: **Nuno Guerra, Pedro Magro, Inês Alves**

- How to improve my mitral valve repair rate - from simple to complex disease
  Javier Gallego
- My toolbox for getting minimal in mitral valve surgery – from cannulation to exposure
  Miguel Ángel Piñón
- How I do minimally invasive mitral valve repair – lessons from the Expert
  Nelson Paulo
- Predictives of successful treatment for functional tricuspid regurgitation – implications for surgery
  Luís Puga

18:30 **Assembleia geral**

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CIRURGIA CARDÍACA

Domingo, **30 Novembro**

09:00 **Lions' Arena**

Moderators: **Adelino Leite Moreira, Paulo Neves**

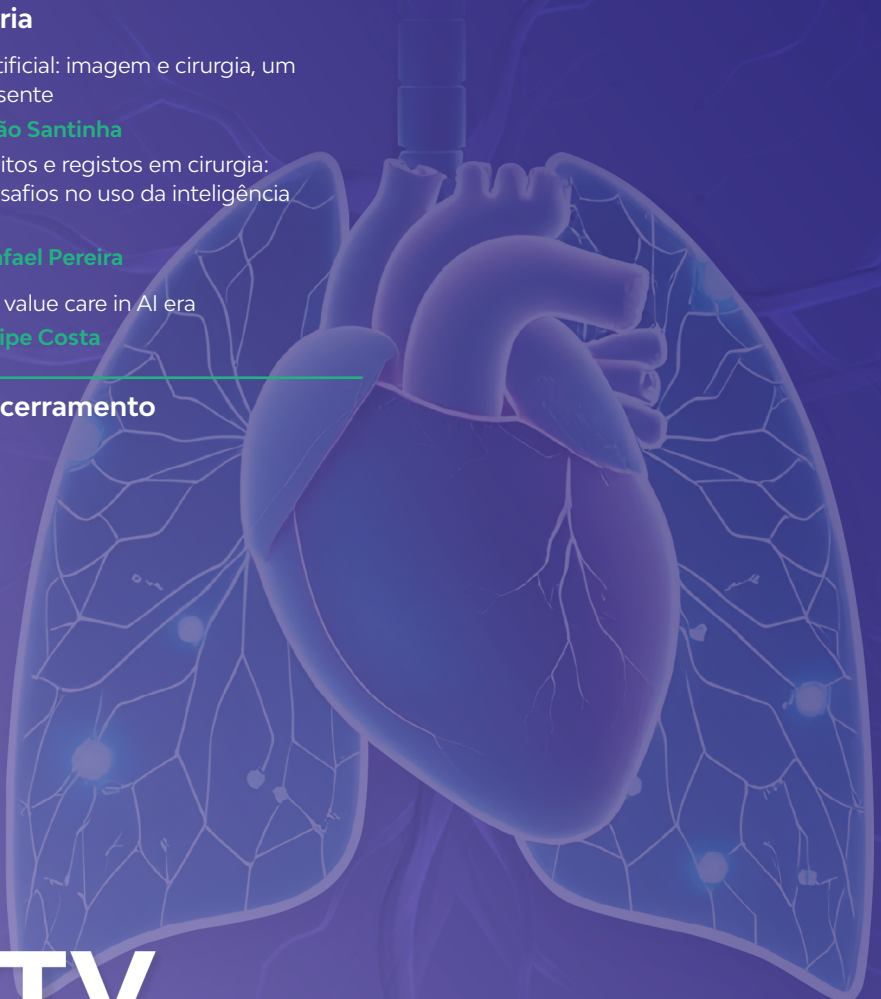
Discussants: **José Neves, Rui Rodrigues, Luís Baquero**

- ULS São João: The Hybrid paradox: when easy becomes a nightmare
  Henrique Moreira
- ULS Santa Maria: TBC
  Francisca Montenegro
- ULS Lisboa Ocidental: Could it be an Eisenmenger?
  Inês Alves
- ULS Coimbra: A rare constellation of fatal cardiac anomalies
  Helena Boavida

10:30 **Sessão plenária**

1. Inteligência artificial: imagem e cirurgia, um desafio no presente
   Palestrante: **João Santinha**
2. Dados imperfeitos e registos em cirurgia: utilidades e desafios no uso da inteligência artificial
   Palestrante: **Rafael Pereira**
3. Patient- based value care in AI era
   Palestrante: **Filipe Costa**

12:00 **Sessão de encerramento**



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