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scientific programme
update



PART III

Nurses and technicians programme

13:30-15:00

Salle 351

Practical training and virtual reality session

Importance of balloon dilatation with drug-eluting stent for nurses and technicians

With an unrestricted educational grant from Abbott Vascular

Objectives:

- ▶ To update on balloon dilatation technology
- ▶ To update on importance of balloon dilatation with drug-eluting stent: importance of lesion preparation for procedure outcome
- ▶ To update on importance of balloon dilatation with drug-eluting stent: importance of post-dilatation for procedure outcome

15:00

Salle 252B

- ▶ Opening and presentation of the nurse and technician programme - *W. Wijns*

15:00-16:30

Salle 252B

Symposium

The evolving role of nurses and technicians in transcatheter aortic valve implantation, from patient screening to follow-up: a nurse-dedicated symposium

With an unrestricted educational grant from EDWARDS LIFESCIENCES

Chairperson: H. Eltchaninoff

Co-chairperson: K. Wilson

Objectives:

- ▶ To present current perspective on clinical results, transcatheter aortic valve implantation adoption and team approach
 - ▶ To review various aspects of nurses and technicians role during transcatheter aortic valve implantation procedures
 - ▶ To review Edwards transcatheter heart valve, transcatheter aortic valve implantation procedure and training programmes
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- ▶ Introduction and objectives - *K. Wilson*
 - ▶ Edwards transcatheter heart valve - Valve, transfemoral and transapical approaches - *L. Van Garsse*
 - ▶ Adoption of transcatheter aortic valve implantation – Clinical results and impact on patient care - *H. Eltchaninoff*
 - ▶ Edwards transcatheter heart valve training programme *R. Amor*
 - ▶ Role of nurses and technicians - From start to independence: organisation, technical aspects and complication management - *K. Wilson*
 - ▶ Discussion
 - ▶ Take-home message - *H. Eltchaninoff*

16:30-18:00

Salle 252B

Nurse and technician session

New and old but useful catheter based tools

Chairperson: S. Buendia

Objectives:

- ▶ To know when and how are used these catheter based techniques
 - ▶ To better understand these techniques, from a practical point of view, with case presentations
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- ▶ Introduction and objectives - *S. Buendia*
 - ▶ Optical coherence tomography in adult cathlab: the technician point of view - *L. Lombardo*
 - ▶ Discussion
 - ▶ IVUS: image generation, interpretation and measurements *V. Rodriguez Garcia-Abad*
 - ▶ Discussion
 - ▶ The concept and technique of fractional flow reserve: physiological assessment of coronary lesions - *M. Villalta*
 - ▶ Discussion
 - ▶ The use of rotational atherectomy for coronary artery disease - *C. Loder*
 - ▶ Discussion
 - ▶ Take-home message - *S. Buendia*

09:30-11:30

Salle 252B

Nurse and technician session

Acute coronary syndromes

Chairperson: *M. Leahy*

Objectives:

- ▶ To have a better understanding of the challenges involved in delivering optimal care to this patient group
- ▶ To learn more about the current guidelines and recommendations concerning the treatment of acute myocardial infarction
- ▶ Introduction and objectives - *M. Leahy*
- ▶ Pre-hospital care / diagnosis / in-hospital delay / timing problem - *M. Whitbread*
- ▶ Discussion
- ▶ ECG interpretation in acute coronary syndrome
N. Connell
- ▶ Discussion
- ▶ Antiplatelet / antithrombotic therapy / thrombectomy
N. Aerts
- ▶ Discussion
- ▶ How to improve network for patients with ST-segment elevation myocardial infarction (Stent for Life)
R. Vermeulen
- ▶ Discussion
- ▶ The experiences of myocardial infarction patients who represent post primary PCI - *H. Iles-Smith*
- ▶ Discussion
- ▶ Take-home message - *M. Leahy*

11:00-12:30

Salle 351

Practical training and virtual reality session

Acute myocardial infarction management from a cathlab nurse perspective

With an unrestricted educational grant from **Abbott Vascular**

Objectives:

- ▶ To update on acute myocardial infarction management from a cathlab nurse perspective: pre-, per- and post procedure management aspects
- ▶ To update on acute myocardial infarction management from a cathlab nurse perspective: patient preparation and monitoring
- ▶ To update on acute myocardial infarction management from a cathlab nurse perspective: procedure planning and emergency scenarios

11:30-13:30

Salle 252B

Nurse and technician session

Evidence based nurse research

Chairperson: *L. Kløvgaard*

Objectives:

- ▶ To appreciate the importance of research in the cathlab to improve patient treatment and care
- ▶ To learn about specific nurse driven studies regarding patient care and assessment
- ▶ Introduction and objectives - *L. Kløvgaard*
- ▶ Early ambulation of patients after PCI and coronary angiography - *M. Bredahl*
- ▶ Discussion
- ▶ An immediate nursing feedback programme for ST-segment elevation myocardial infarction - *K. Mckenny*
- ▶ Discussion

- ▶ An educational and motivational approach using novel tools implemented in a cardiology service - *F. Scherrer*
- ▶ Discussion
- ▶ Transcatheter aortic valve implantation treated patients, what kind of specialised nursing do they need - *K.H. Lisby*
- ▶ Discussion
- ▶ Occult kidney insufficiency: frequency and significance in patients undergoing cardiac catheterisation - *M.J. Gomez Camuñas*
- ▶ Discussion
- ▶ Take-home message - *L. Kløvgaard*

13:30-15:00

Salle 252B

Nurse and technician session

Futuristic techniques in the cathlab

Chairperson: *R. Vermeulen*

Objectives:

- ▶ To learn about some of the new treatments in the cathlab
- ▶ To understand the influence of new developments and the need for continuous advancement of patient care
- ▶ Introduction and objectives - *R. Vermeulen*
- ▶ Hybrid lab - *M. De Ronde*
- ▶ Discussion
- ▶ The use of multislice computered tomography (MSCT) in the treatment of the cathlab patient - *B. Loejmand*
- ▶ Discussion
- ▶ Future stents and devices in the cathlab - *J. Goicolea*
- ▶ Discussion
- ▶ The future is now-increasing the role of simulation training for the staff - *M. Holton*
- ▶ Discussion
- ▶ Take-home message - *R. Vermeulen*

14:00-16:00

Salle 352B

Practical training and virtual reality session

Practical solutions to acute myocardial infarction patient care for nurses

With an unrestricted educational grant from **MEDTRONIC ACADEMIA**

Trainers: *C. Hooglund, L. Jones, L. Lamerichs, B. O'Meara*

Objective:

- ▶ To experience theoretical and practical training in the treatment of patients presenting with acute myocardial infarction

16:30-18:30

Salle 352B

Practical training and virtual reality session

Practical solutions to acute myocardial infarction patient care for nurses (in Spanish)

With an unrestricted educational grant from **MEDTRONIC ACADEMIA**

Trainers: *A. Alonso, S. Buendia, C. Llabres, I. Prieto*

Objective:

- ▶ To experience theoretical and practical training in the treatment of patients presenting with acute myocardial infarction

08:30-10:30

Salle 252B

Nurse and technician session

Structural heart disease

Chairperson: *L. Hinterbuchner*

Objectives:

- ▶ To provide an overview of different interventions in structural heart disease
 - ▶ To understand patient selection, assessment and care in these techniques
 - ▶ To learn about structural heart disease interventions, including preparation of devices and procedure implantations
-
- ▶ Introduction and objectives - *L. Hinterbuchner*
 - ▶ Transcatheter aortic valve implantation: pivotal role of the cardiac clinical nurse specialist - *K. Wilson*
 - ▶ Discussion
 - ▶ Transcatheter aortic valve implantation: development of nursing skills in a multidisciplinary team - *B. Wulff*
 - ▶ Discussion
 - ▶ Percutaneous transcatheter closure of atrial septal defect and patent foramen ovale with case examples
L. Hinterbuchner
 - ▶ Discussion
 - ▶ Percutaneous transcatheter closure of persistent ductus arteriosus with case examples - *M. Selas*
 - ▶ Discussion
 - ▶ Percutaneous left atrial appendage occlusion: first case using the Amplatzer cardiac plug device - *S. Buendia*
 - ▶ Discussion
 - ▶ Take-home message - *L. Hinterbuchner*

08:30-10:00

Salle 351

Practical training and virtual reality session

Vascular access management - practical aspects related to vessel closure devices for nurses and technicians

With an unrestricted educational grant from **Abbott Vascular**

Objectives:

- ▶ To update on vascular access management - to do's and not to do's
- ▶ To learn about patient follow up related to closure devices and basic trouble shooting
- ▶ To update on vessel closure device technology
- ▶ To demonstrate vessel closure device technologies

10:30-12:00

Salle 252B

Nurse and technician session

Percutaneous coronary intervention for complex lesions: what should you know?

Chairperson: *A. Alonso*

Objectives:

- ▶ To have a better understanding of what makes an interventional procedure complex from a technical and clinical perspective
 - ▶ To have a better understanding of the steps that can be taken by the cathlab team to reduce the risk of complications
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- ▶ Introduction and objectives - *A. Alonso*
 - ▶ What makes an interventional procedure complex from a technical perspective (Syntax score, lesion classification, left main, bifurcation) - *L. Jones*
 - ▶ Discussion
 - ▶ What makes an interventional procedure complex from a clinical perspective - *A. Kadzielski*
 - ▶ Discussion
 - ▶ A team approach to managing complication
M. Van Der Heijden
 - ▶ Discussion
 - ▶ Communication - *A. Schmidh*
 - ▶ Discussion
 - ▶ Take-home message - *A. Alonso*

15:00-17:00

Salle 352B

Practical training and virtual reality session

Practical solutions to acute myocardial infarction patient care for nurses (in French)

With an unrestricted educational grant from **MEDTRONIC ACADEMIA**

Trainers: *N. Aerts, V. N'Diaye*

Objective:

- ▶ To experience theoretical and practical training in the treatment of patients presenting with acute myocardial infarction

09:00-11:00

Salle 352B

Practical training and virtual reality session

Practical solutions to acute myocardial infarction patient care for nurses

*With an unrestricted educational grant from
MEDTRONIC ACADEMIA*

Trainers: C. Hooglund, L. Jones, L. Lamerichs, B. O'Meara

Objective:

- ▶ To experience theoretical and practical training in the treatment of patients presenting with acute myocardial infarction