



2nd Acute Cardiovascular Care School

18-20 October 2018

Madrid, Spain

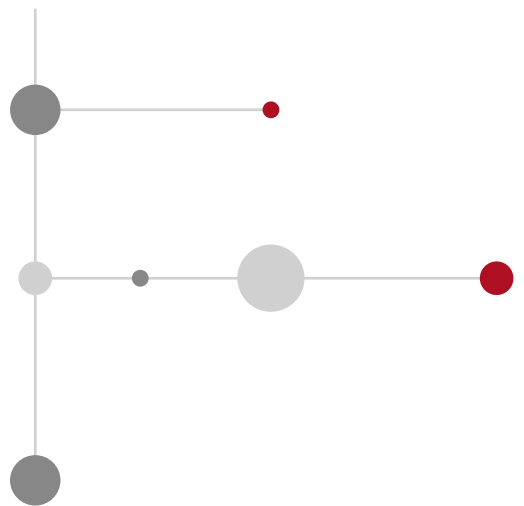
Hospital Universitario 12 de Octubre



ACCA
Acute Cardiovascular
Care Association



ESC
European Society
of Cardiology





ACCA
Acute Cardiovascular
Care Association

TAKE THE **NEXT STEP**

● **Join your community**

- Network with a multidisciplinary community in a patient focused organisation
- Get exclusive access to the latest scientific and educational resources: ESC e-Learning platform, Journal, Toolkit, Online Textbook and much more
- Benefit from discounts on the Acute CVD Congress and get unlimited access to post-congress resources



ACCA, the worldwide reference for all professionals in Acute Cardiovascular Care

www.escardio.org/ACCA-membership

**WANT
MORE?**

Mix and match the ESC membership packages that best suit your needs for unique savings and benefits.



ESC
European Society
of Cardiology

COURSE DIRECTORS:

Prof. Héctor Bueno, FESC
Dr. Roberto Martín-Asenjo
Dr. Konstantin Krychtiuk

VENUE:

Hospital Universitario 12 de Octubre
Avda Andalucía s/n · Madrid. Spain



DATE:

18 & 19 October 2018
20 October 2018 ACCA Certification exam

LANGUAGE:

English

REGISTRATION AND TECHNICAL SECRETARIAT:

The Technical secretariat desk will be located in the Auditorium Foyer Hospital Materno Infantil. Access by “Urgencias Infantil”).
From 10:00h to 15:00h
From Thursday afternoon and Friday, Technical Secretariat located at Centro de Investigación, (Foyer).
The coffee-breaks and Friday’s lunch, will take place at Centro de Investigación, (Foyer) too.









ACCA CERTIFICATION EXAM

The Exam will take place at Auditorium, Residencia General Building on October 20th .
08:00h Check-in open
08:30-09:00h: Exam: Tips and tricks
09:30h-12:30h: ACCA Certification Exam

DINNER:

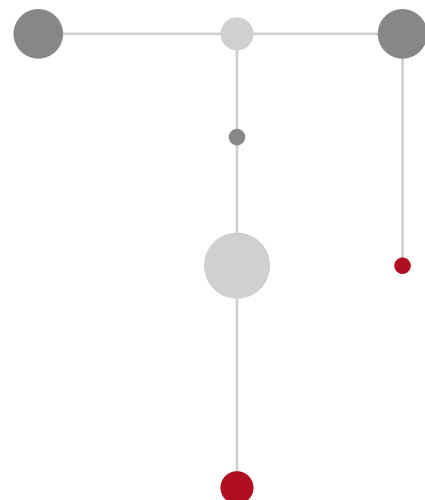
The ACCA School Dinner will take place on Thursday 18th October at Lola09 Restaurant cocktail & bar, (Calle de San Mateo, 28).
Transfer will be provided from the Hospital at 19:45h.
(Meeting point: Auditorium, Materno Infantil building)

Access plan to all the Hospital buildings

	CENTRO DE ACTIVIDADES AMBULATORIAS		CENTRO DE INVESTIGACIÓN
	DOCENCIA		EDIFICIO TÉCNICO
	ONCOLOGÍA		MATERO - INFANTIL
	RESIDENCIA GENERAL		URGENCIAS



Courses Design




COURSE	DURATION	ROOM AND LOCATION
Challenging ECG “ECG Stays alive”	1 hour	Hospital Materno Infantil. Salón de Actos, S1
Clinical cases simulation	2 hours	Centro de Investigación. Meeting Room
Difficult airway management	2 hours	Centro de Actividades Ambulatorias. 1st floor Meeting room - Anaesthetic Department
Echo guided vascular access	2 hours	Centro de Investigación. Operating theatre 2
ECMO	2 hours	Centro de Actividades Ambulatorias. 6th floor – Research Institute Meeting room A
Mechanical ventilation	2 hours	Centro de Actividades Ambulatorias. 6th floor – Research Institute Meeting room B
Renal replacement therapy	2 hours	Centro de Investigación. Operating theatre 1
Coffee breaks (all) and lunch (Friday)		Foyer, Centro de Investigación

Program At a glance

6 groups of 10 pax running 6 times

Real Madrid	FC Barcelona	Atlético Madrid	Sevilla FC	Athletic Bilbao	Osasuna
-------------	--------------	-----------------	------------	-----------------	---------

DATE	HOUR	GROUPS					
		Real Madrid 	FC Barcelona 	Atlético Madrid 	Sevilla FC 	Athletic Bilbao 	Osasuna 
18/10	10:00	Registration Desk opens Salón de Actos Foyer, Materno Infantil Building					
	12:00	Welcome LUNCH Salón de Actos Foyer, Materno Infantil Building					
	13:00	ACCA Welcome (30min)					
	15:00	Plenary: Challenging ECGs (60 min) / Salón de Actos, Materno Infantil Building					
	15:00 - 17:00	Renal replacement therapy	Difficult airway management	ECHO-GUIDED Vascular access	ECMO	Critical Cases Simulation	Mechanical Ventilation
	17:30 - 19:30	Difficult airway management	Renal replacement therapy	ECMO	ECHO-GUIDED Vascular access	Mechanical Ventilation	Critical Cases Simulation
	19:45	BUS departure for the Dinner from main entrance Hospital Materno Infantil Building					
19/10	08:30	Welcome Desk					
	09:00 - 11:00	Critical Cases Simulation	Mechanical Ventilation	Renal replacement therapy	Difficult airway management	ECHO-GUIDED Vascular access	ECMO
	11:00 - 13:30	Mechanical Ventilation	Critical Cases Simulation	Difficult airway management	Renal replacement therapy	ECMO	ECHO-GUIDED Vascular access
	13:30 - 14:30	LUNCH / Foyer, Centro de Investigación building IMPORTANT GROUP PICTURE @14:15 in front of the main Entrance					
	14:30 - 16:30	ECHO-GUIDED Vascular access	ECMO	Critical Cases Simulation	Mechanical Ventilation	Renal replacement therapy	Difficult airway management
	17:00 - 19:00	ECMO	ECHO-GUIDED Vascular access	Mechanical Ventilation shooting	Critical Cases Simulation	Difficult airway management	Renal replacement therapy
20/10	08:00	Check-in open					
	09:30	Auditorium Foyer, Main Floor, Residencia General Building					
	08:30 - 09:00	Exam: Tips and tricks					
	09:30	Auditorium, Main Floor, Residencia General Building					
	09:30 - 12:30	ACCA CERTIFICATION EXAM					

Challenging ECG “ECG Stays alive”



FACULTY:

Dr. Fernando Arribas

ROOM:

Salón de Actos, Hospital Materno Infantil building.

EDUCATIONAL OBJECTIVES:

Devoted to key messages on the value of the ECG in clinical practice in the acute cardiac care setting.

LEARNING FORMAT:

60 min in a plenary session.

Echo-guided Vascular Access

FACULTY:

Dr. Victoria Ramos Casado,
Dr. Ana Llorente de la Fuente & Dr. Luisa Barón González de Suso

ROOM:

Operating Theatre 2, Centro de Investigación building

EDUCATIONAL OBJECTIVES:

Understand the principles of echo-guided vascular access.

Interpret short- and long-axis vascular visualization.

Learn how to differentiate arteries and veins.

Learn the required equipment and the preparation of the technique.

Learn echo-guided cannulation of:

- internal jugular vein
- femoral vein
- peripheral vein and peripherally inserted central venous catheter
- arterial access

LEARNING FORMAT:

The course will consist of a short theoretical section on the general principles and techniques of echo-guided vascular access and a practical section.

Renal Replacement Therapy



FACULTY:

Dr. José Ángel Sánchez Izquierdo,
Dr. Javier Maynar Moliner & Dr. Manuel E. Herrera

ROOM:

Operating theatre 1, Centro de Investigación building.

EDUCATIONAL OBJECTIVES:

To learn the indications of extrarenal depuration, as well as the different modalities and functions of a haemofilter, which parameters are important and which alarms should make us stop the therapy as well as solving common problems that can appear when using a haemofilter (i.e. hypotension or bleeding).

LEARNING FORMAT:

- 1) Connection, Monitoring and Detection of Problems: participants will review the different monitoring systems for pressures, flows, volumes and alarms in several modes of treatment.
- 2) Transmembrane Pressure, filtration fraction (FF) and creatinine clearance: these concepts will be developed applying their formulas in practical cases.
- 3) Evaluation of extrarenal depuration with different clinical cases.

ECMO

FACULTY:

Dr. Simon Davies, Dr. Ricahrd Trimlett & Dr. Ben Pardoe

ROOM:

6th Floor, Research Institute Meeting Room A. Centro de Actividades Ambulatorias.

EDUCATIONAL OBJECTIVES:

The course aims to provide a comprehensive understanding of ECMO.

A multidisciplinary faculty will provide a systematic approach to the basic principles (what), indications (why, when, who) and management (how) for adult ECMO support. The focus will be on the evaluation of the physiological principles behind ECMO support and the importance of tailoring the support method to the evolving patient clinical scenario.

The following topics will be addressed:

- Revision of indications for mechanical circulatory support.
- Safe cannulation and cannulation techniques.
- Integration of fluoroscopy, trans-esophageal echocardiography and vascular ultra sound at the bedside.
- Discussion of alternative mechanical circulatory support systems for various clinical situations.
- Concomitant coronary, pericardial and valve interventions.

LEARNING FORMAT:

The course uses a variation of presentation, practical and simulation sessions taught by an expert multidisciplinary critical care team.

Critical Case Simulation



FACULTY:

Dr. Konstantin Krychtiuk

ROOM:

Meeting Room, Centro de Investigación Building.

EDUCATIONAL OBJECTIVES:

Review of the most important clinical scenarios one is confronted with when working in acute cardiac care, such as acute chest pain (AMI, dissection, pulmonary embolism), rhythm disorders (ventricular, supraventricular), AHF & shock, sepsis, pericardial tamponade, CPR and common breathing disorders.

Participants should be able to assess clinical symptoms, perform diagnostic procedures (auscultation, ..) and order diagnostic tests (xray, echo, blood tests, angiography,...) and treat the patient both pharmacologically and invasively.

LEARNING FORMAT:

Participants will further divide into groups of two and being confronted with various clinical scenarios on the Body Interact System.

Participants are expected to work their way through the case in an interactive manner ranging from history taking, performing diagnostics, ordering tests to deciding on the right treatment form for each individual patient.

They will receive live feedback from the patient in terms of vital signs and possibility of stabilization as well as a comprehensive feedback from the Body Interact System after each case.

Difficult airway management

FACULTY:

Dr. Oscar Valencia,
Dr. David Benguria & Dr. Javier Silva

ROOM:

1st Floor, Meeting Room - Anaesthetic Department. Centro de Actividades Ambulatorias.

EDUCATIONAL OBJECTIVES:

Evaluation of the airway. Predicting difficulty:

- Difficult facial mask ventilation
- Difficult laryngoscopy
- Difficult use of supraglottic airway devices
- Difficult surgical access (tracheostomy vs cricothyrotomy)

Pharmacology of the airway:

- Pretreatment agents: lidocaine, fentanyl, others
- Sedative/induction agents
- Neuromuscular blocking agents: depolarizing vs non depolarizing agents

Algorithms:

- Predicted difficult airway
- Unpredicted difficult airway
- Crash airway
- Failed airway

Facial mask ventilation: one person, two person, three persons.

Conventional laryngoscopy: Macintosh vs Miller

Laryngoscopy aids: intubation guides: Frova

Videolaryngoscopes: C-Mac, King Vision, Airtraq, Macgrath (Chanel vs unchanel blades)

Supraglottic airway devices: First generation, second generation, ILMAs Blind intubation: Fastrack

Fiberoptic guided intubation: AuraGain, I-gel.

Basic use of FBO: Bronchial aspiration, nasal and oral intubation, PTC control, intubation through supraglottic airway devices.

Front of the neck access: surgical cricothyrotomy vs percutaneous cricothyrotomy timing.

LEARNING FORMAT:

Theoretical part at the beginning of every station, practical part on facial mask ventilation, conventional laryngoscopy with intubation guides, videolaryngoscopes, supraglottic airway devices and surgical airway.

Mechanical Ventilation



FACULTY:

Dr. Leonardo Miño Vásquez. Intensive Care Specialist.

ROOM:

6th Floor - Research Institute, Meeting Room B.
Centro de Actividades Ambulatorias.

EDUCATIONAL OBJECTIVES:

The objective of this course is to give a comprehensive overview and update on invasive mechanical ventilation. A multidisciplinary team will cover the most important aspects of state-of-the art mechanical ventilation.

- Respiratory physiology and pathophysiology
- Modes of mechanical ventilation
- Common problems
- Hands-on-training
 - o How to deal with alarms
 - o Interpretation and reaction to blood-gas-analysis
 - o Weaning

LEARNING FORMAT:

Theoretical part on respiratory physiology and modes of mechanical ventilation followed by practical hands on training using state of the art ventilators and simulators. Participants will be challenged with various clinical scenarios and requested to react in real-time.

Notes



ACCA
Acute Cardiovascular
Care Association

ACUTE CARDIOVASCULAR CARE**2019**



2-4 March
Malaga, Spain

www.escardio.org/acutecvd
#ACUTECVD19



ESC

European Society
of Cardiology



ACCA
Acute Cardiovascular
Care Association



ESC
European Society
of Cardiology

ACUTE CARDIOVASCULAR CARE ASSOCIATION - ACCA

Contact us:

acca@escardio.org

www.escardio.org/ACCA

+33.4.92.94.76.00

TECHNICAL SECRETARIAT:

GRUPO PACIFICO
The power of meeting

C/ Marià Cubí, 4 · 08006 Barcelona

Tel.: +34 93 238 87 77

e-mail: acca2018@pacifico-meetings.com