

VI INTERNATIONAL COURSE MECHANICAL CIRCULATORY SUPPORT

for the treatment of acute and chronic advanced heart failure

12th and 13th of February 2016

Hospital Universitari de Bellvitge.
L'Hospitalet de Llobregat, Barcelona.

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Dear colleagues and friends,

After the success and good acceptance of the previous courses, we have organized the sixth edition of the "International Course on Mechanical Circulatory Support" with great enthusiasm and while we have introduced novelties we have aimed to keep the same spirit of previous editions.

The basic objective of the course is to disseminate and exchange the latest and most advanced knowledge on the indications, management and results of mechanical circulatory support systems, with special emphasis on long-term devices, as the implantation of these devices has increased significantly over the last two years in Spain.

To attain these objectives, some of the most prestigious national and international experts will be present to give state of the art lectures, but also to give their expert opinion and discuss with the attendants clinical cases that will be presented between the lectures and will provide a unique learning experience. On Saturday, two practical workshops on short and long-term mechanical circulatory support will provide a more practical and hands-on learning experience.

The course is not only directed to cardiac surgeons and cardiologists, but also to any other medical professional such as anaesthesiologists, intensivists and registered nurses who are involved or interested in the management of patients who require this type of support. The course offers continuing medical education and accreditation and as usual we will have the support of related Working Groups of the Spanish Society of Thoracic-Cardiovascular Surgery, the Spanish Society of Cardiology and Catalan Society for Cardiac Surgery.

We hope you can join us and participate in the course as well as visit Barcelona.
Yours sincerely,

Dr. Albert Miralles. Head of the department of Cardiac Surgery
Dr. José González Costello. Department of Cardiology
Dr. Nicolás Manito. Clinical Chief, Department of Cardiology
Dr. Angel Cequier. Director of the Heart Disease Institute

Faculty

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E. ZATARAÍN	H.U. GREGORIO MARAÑÓN	Madrid

Scientific Program

Friday, 12th of February 2016

- 08:00 **Management of advanced heart failure with new approaches**
Moderators: Dr. Nicolás Manito (Hospital Universitari de Bellvitge, Barcelona), Dr. José Cuenca (Complejo H. U. A Coruña)
Mitral valve repair in severe mitral regurgitation: Surgery, Mitraclip or others?
Dr. Xavier Freixa (Hospital Universitari Clínic, Barcelona)
Ventricular remodelling surgery: Dor procedure, Bioventrix, Parachute.
Dr. Claudio Muneretto (Università degli Studi di Brescia, Brescia, Italia)
Treatment with pulmonary vasodilators in severe pulmonary hypertension
Dr. Juan Delgado (Hospital Universitario 12 de Octubre, Madrid)
- 09:30 **Clinical cases of advanced heart failure management:**
1. Severe mitral regurgitation
Dra. Sonia Mirabet (Hospital Sant Pau, Barcelona)
2. Ventricular aneurism
Dra. Inés Filgueira (Hospital Universitari de Bellvitge, Barcelona)
3. Severe pulmonary hypertension
Dra. Marta Farrero (Hospital Universitari Clínic, Barcelona)
- 10:15 Official welcome address
- 10:30 Coffee break
- 11:00 **Cardiogenic shock: Management with short-term ventricular assist devices**
Moderators: Dr. Albert Ariza (Hospital Universitari de Bellvitge, Barcelona), Dr. Aurelio Sarralde (Hospital Universitario Marqués de Valdecilla, Santander)
Percutaneous devices: Intraortic balloon pump, Impella, TandemHeart, Percutaneous Heart Pump ... When to use them?
Dr. Ulrich Jorde (Montefiore Medical Center, New York, USA)
ECMO: When to implant and when to explant.
Dr. Pascal Leprince (Hôpital La Pitié-Salpêtrière, Paris, France)
Central continuous flow VADs: Indications and strategies after implant:
Recovery, bridge to bridge, heart transplant
Dr. André Simon (Royal Brompton and Harefield, London, England)

Scientific Program

Friday, 12th of February 2016

- 12:30 **Clinical cases of cardiogenic shock and management with...**
1. Percutaneous device
Dr. Francisco Hernández (Hospital Universitario Puerta de Hierro, Madrid)
 2. ECMO
Dra. María Paz Fuset (Hospital de la Fe, Valencia)
 3. Central continuous flow VAD
Dr. Oriol Alegre (Hospital Universitari de Bellvitge, Barcelona)
- 13:15 **Thinking about an LVAD for my patient with advanced heart failure**
Moderators: Dr. Fabrizio Sbraga (Hospital Universitari de Bellvitge, Barcelona), Dr. José Luis Lambert (Hospital General de Asturias, Oviedo)
Indications and risk assessment as a bridge to transplant
Dr. J. González Costello (Hospital Universitari de Bellvitge, Barcelona)
Indications and risk assessment as destination therapy. How to make DT worthwhile
Dr. Nir Uriel (University of Chicago, Chicago, USA)
- 14:00 Lunch
- 15:00 **I have decided to implant an LVAD: How to do it**
Moderators: Dr. Albert Miralles (Hospital Universitari de Bellvitge, Barcelona), Dra. María Dolores García-Cosío (Hospital Universitario 12 de Octubre, Madrid)
How to optimize my patient prior to implant to minimize risks and improve my results
Dra. Aida Suárez (Royal Brompton and Harefield, London, England)
Tricks and tips when implanting a long-term ventricular assist device:
The surgeon's vision
Dr. Stephan Schueler (The Newcastle Upon Tyne NHS Trust, Newcastle, England)
Post-operative management in the ICU
Dr. Alain Combes (Hôpital La Pitié-Salpêtrière, Paris, France)

Scientific Program

Friday, 12th of February 2016

- 16:30 **Clinical cases of LVAD implant:**
1. Biventricular heart failure
[Dra. Aida Suárez \(Royal Brompton and Harefield, London, England\)](#)
 2. Bridging from a short-term VAD
[Dra. Irene Tatjer \(Hospital Universitari de Bellvitge, Barcelona\)](#)
- 17:00 Coffee break
- 17:30 **Long-term management of patients with LVADs**
[Moderators: Dr. Enrique Pérez de la Sota \(Hospital Universitario 12 de Octubre, Madrid\); Dr. Eduardo Barge \(Complejo H. U. A Coruña\)](#)
Optimizing medical treatment and LVAD parameters according to the patient's needs
[Dr. Ulrich Jorde \(Montefiore Medical Center, New York, USA\)](#)
The nurse's role before discharge and in ambulatory patients
[Mr. Michael Hedger \(Royal Brompton and Harefield, London, England\)](#)
Evaluation and management of long-term complications: Bleeding, thrombosis and aortic regurgitation
[Dr. Nir Uriel \(University of Chicago, Chicago, USA\)](#)
- 19:00 **Clinical cases of long-term management of patients with LVADs**
1. Right heart failure
[Dr. David Couto \(Complejo H. U. A Coruña\)](#)
 2. Thrombosis/bleeding
[Dr. José González-Costello \(Hospital Universitari de Bellvitge, Barcelona\)](#)
- 19:30 **Spanish Registry of Mechanical Circulatory Support (ESPAMACS)**
[Dr. Evaristo Castedo \(Hospital Puerta de Hierro, Madrid\)](#)

Scientific Program

Saturday, 13th of February 2016

Sala Petita: 1st Session, 09:00 h and 2nd Session, 11:30 h

Workshop on management of short-term ventricular devices

Implant and management of percutaneous VADs: Practical cases with a clinical case

[Dr. J.A. Gómez Hospital \(Hospital Universitari de Bellvitge\)](#)

Should I implant a percutaneous ECMO or a central short-term VAD?

[Dr. Daniel Ortíz \(Hospital Universitari de Bellvitge\)](#)

Management of an ECMO in the CCU: Practical aspects and a clinical case

[Dra. Virginia Burgos \(Hospital Universitario Marqués de Valdecilla, Santander\)](#)

Management of a central continuous flow short-term VAD: Practical aspects and a clinical case

[Dr. Albert Ariza \(Hospital Universitari de Bellvitge, Barcelona\)](#)

Sala Vicente Ferrer: 1st Session, 09:00 h and 2nd Session, 11:30 h

Workshop on management of long-term ventricular assist devices

What devices do we have and what do they offer?

1. Pulsatile

[Dr. Eduardo Zatarain \(Hospital Universitario Gregorio Marañón, Madrid\)](#)

2. Continuous flow

[Dr. Gregorio Rábago \(Clínica Universitaria de Navarra, Pamplona\)](#)

The nurse's role in the ambulatory management of patients with long-term ventricular assist devices: Practical aspects and clinical case

[DUE Magdalena Nebot \(Hospital Universitari de Bellvitge, Barcelona\)](#)

The doctor's role in the post-operative and ambulatory management of patients with long-term ventricular assist devices: Practical aspects and clinical case

[Dr. Manuel Gómez Bueno \(Hospital Universitario Puerta de Hierro, Madrid\)](#)

11:00 h

Coffee break

General information

DATES: 12th and 13th of February 2016

VENUE: MAIN HALL OF THE HOSPITAL UNIVERSITARIO DE BELLVITGE
Feixa Llarga, s/n - 08907 L'Hospitalet de Llobregat. Barcelona

REGISTRATION AND ACCOMMODATION

TECHNICAL SECRETARY: ACTOSERVEIS

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C/ Bonaire, 7 Mataró (Barcelona)

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E-mail: secretaria@cursoacmhub.org

REGISTRATION FEES:

	Before course	During the Course
Physician	300 €	400 €
Fellow/Resident	150 €	300 €
Nurse/Technician	100 €	200 €

REGISTRATION:

On-line registration is possible through the web site www.cursoacmhub.org.

Registration includes: Documentation, working lunch, coffee-breaks and certificate of attendance.

LANGUAGE:

Friday: English with simultaneous translation to Spanish.

Saturday: Spanish.

ACCREDITATION:

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