

V INTERNATIONAL SYMPOSIUM MECHANICAL CIRCULATORY SUPPORT

for the treatment of acute and chronic advanced heart failure

February 27th and 28th of 2014

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

SPONSORED BY:



● SOCIEDAD ESPAÑOLA DE CIRUGÍA
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● ASOCIACIÓN CARDÍACA
DR. M. PUIG MASSANA

www.cursoacmhub.org

Dear colleagues and friends,

After the success and good acceptance of the previous course, we have organized the fifth 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 this area is particularly less developed in our country.

To attain these objectives we will count with the participation of some of the most prestigious national and international experts.

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 Societies 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. Cardiac Surgery Department

Dr. José González-Costello. Cardiology Department

Dr. Nicolás Manito. Cardiology Department

Dr. Angel Cequier. Director of the Heart Diseases Institute

Faculty

A. BAYÉS-GENIS	H.U. GERMANS TRIAS I PUJOL	Barcelona
A. AMODEO	OSPEDALE PEDIATRICO BAMBINO GESÚ	Roma
A. ARIZA	H.U. BELLVITGE	Barcelona
V. BURGOS	H.U. VALDECILLA	Santander
E. CASTEDO	H.U. PUERTA DE HIERRO	Madrid
M. CASTELLÁ	H.U. CLÍNIC	Barcelona
A. CEQUIER	H.U. BELLVITGE	Barcelona
A. ESTEBAN	C.U. NAVARRA	Navarra
M. P. FUSET	H.U. LA FÉ	Valencia
M. D. GARCÍA COSÍO	H. U. SANT PAU	Barcelona
L. GARCÍA GUERETA	H.U. LA PAZ	Madrid
M. GÓMEZ BUENO	H.U. PUERTA DE HIERRO	Madrid
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J. GONZÁLEZ - COSTELO	H.U. BELLVITGE	Barcelona
F. GRAN	H.U. Infantil VALL D'HEBRÓN	Barcelona
U. P. JORDE	COLUMBIA PRESBYTERIAN HOSPITAL	New York
P. LEPRINCE	H.U. LA PITIÉ	Paris
N. MANITO	H.U. BELLVITGE	Barcelona
A. MIRALLES	H.U. BELLVITGE	Barcelona
P. MOHACSI	INSELSPIITAL	Berna
C. MORALES	H.U. ASTURIAS	Oviedo
D. ORTÍZ	H.U. BELLVITGE	Barcelona
J. M. PADRÒ	H.U. SANT PAU	Barcelona
E. PÉREZ DE LA SOTA	H.U. 12 DE OCTUBRE	Madrid
L. PULPÓN	H.U. PUERTA DE HIERRO	Madrid
G. RÁBAGO	C.U. NAVARRA	Pamplona
M. J. RUIZ CANO	H.U. 12 DE OCTUBRE	Madrid
J. SALAZAR MENDIGUCHIA	H.U. BELLVITGE	Barcelona
N. SALTERAIN	C.U. NAVARRA	Pamplona
J. SÁNCHEZ DE TOLEDO	H.U. Infantil VALL D'HEBRON	Barcelona
J. C. SÁNCHEZ SALADO	H.U. BELLVITGE	Barcelona
A. SARRALDE	H.U. VALDECILLA	Santander
F. SBRAGA	H.U. BELLVITGE	Barcelona
D. SIMS	MONTEFIORE HOSPITAL	New York
I. TATJER	H.U. LA PITIÉ	Paris
S. TORREGROSA	H. U. LA FÉ	Valencia
S. TSUI	PAPWORTH HOSPITAL	Cambridge
N. URIEL	COLUMBIA PRESBYTERIAN HOSPITAL	New York

Preliminary Scientific Program

THURSDAY 27th OF FEBRUARY 2014

15:00-16:00 h **CARDIOGENIC SHOCK: SHORT TERM VENTRICULAR ASSIST DEVICES**

Moderators:

Virginia Burgos (Santander)

Fabrizio Sbraga (Barcelona)

15:00 h Indications: When do I have to implant a VAD and with what objectives?

José Carlos Sánchez Salado (Barcelona)

15:15 h ECMO: Pros and cons

María Paz Fuset (Valencia)

15:30 h Continuous flow short-term VADs (Centrimag): Pros and cons

Aurelio Sarralde (Santander)

15:45 h Discussion

16:00-17:15 h **ADVANCED CHRONIC HEART FAILURE: ROLE OF MID/LONG-TERM VADS AS A BRIDGE TO HEART TRANSPLANT IN SPAIN**

Moderators:

Josep Maria Padró (Barcelona)

M^aJosé Ruiz Cano (Madrid)

16:00 h Clinical case: What to do with a patient in Intermacs 2-3 candidate to heart transplant

Joel Salazar-Mendiguchía (Barcelona)

16:05 h Option A: Implant an IABP and list as Emergency type 1 for transplant

María Dolores García Cosío (Barcelona)

16:20 h Option B: Implant a pulsatile mid-term LVAD as a bridge to transplant

Daniel Ortiz (Barcelona)

16:35 h Option C: Implant a long-term continuous-flow LVAD as a bridge to transplant

Gregorio Rábago (Pamplona)

16:50 h End of clinical case and discussion

Preliminary Scientific Program

THURSDAY 27th OF FEBRUARY 2014

- 17:15-17:45 h **Coffee break / Visit to the commercial exhibition and posters**
- 17:45-19:15 h **ADVANCED CHRONIC HEART FAILURE: ROLE OF IMPLANTABLE CONTINUOUS-FLOW LEFT VENTRICULAR ASSIST DEVICES AS DESTINATION THERAPY IN SPAIN**
Moderators:
Nicolás Manito (Barcelona)
Evaristo Castedo (Madrid)
- 17:45 h Clinical case: 70 year-old patient in Intermacs 2-3
Nahikari Salterain (Pamplona)
- 17:50 h Option A: Implant of a continuous flow LVAD as destination therapy is the best option
Manuel Gómez Bueno (Madrid)
- 18:05 h Option B: We could consider heart transplant but if he is not a candidate to transplant, continue palliative care
Salvador Torregrosa (Valencia)
- 18:20 h Viability of a long-term LVAD program as destination therapy in Spain
Enrique Pérez de la Sota (Madrid)
- 18:40 h End of clinical case and discussion
- 19:00 h Spanish registry of Ventricular assist devices
Evaristo Castedo (SECTCV)
- 19:30 h Administrative meeting of the Mechanical Circulatory Support (SECTCV)

Preliminary Scientific Program

FRIDAY 28th OF FEBRUARY 2014

08:10-09:30 h **CARDIOGENIC SHOCK: MANAGEMENT WITH SHORT-TERM VENTRICULAR ASSIST DEVICES**

Moderators:

Albert Ariza (Barcelona)

Manel Castellá (Barcelona)

08:10 h Is it the end of the intraortic balloon pump era or is it still the first step?

Joan Antoni Gómez Hospital (Barcelona)

08:25 h Other percutaneous devices: Impella, TandemHeart, Percutaneous Heart Pump ... When to use them?

Ulrich Jorde (New York, USA)

08:45 h ECMO/Centrimag in cardiogenic shock: What have we learned?

Pascal Leprince (Paris, France)

09:15 h Discussion

09:30-10:45 h **IMPLANT OF LONG-TERM VENTRICULAR ASSIST DEVICES IN CHRONIC HEART FAILURE**

Moderators:

Luis Alonso Pulpón (Madrid)

Fabrizio Sbraga (Barcelona)

09:30 h Indications and results of long-term ventricular assist devices in 2014

Paul Mohacsi (Bern, Switzerland)

09:50 h How to optimize the patient prior to implant to minimize risks and improve my results

Nir Uriel (New York, USA)

10:10 h Tricks and tips when implanting a long-term ventricular assist device: The surgeon's vision

Steven Tsui (Cambridge, England)

10:30 h Discussion

10:45-11:20 h **Coffee break / Visit to the commercial exhibition and posters**

Preliminary Scientific Program

FRIDAY 28th OF FEBRUARY 2014

- 11:20 h Official welcome address
Carlos Bartolomé
Angel Cequier
Albert Miralles
Nicolás Manito
- 11:35-12:55 h CARE POST-IMPLANT OF PATIENTS WITH A LONG-TERM LEFT VENTRICULAR ASSIST DEVICE**
Moderators:
Gregorio Rábago (Pamplona)
José González-Costello (Barcelona)
- 11:35 h Immediate management post-implant: Vasodilatory shock, right ventricular dysfunction, antiplatelet and anticoagulation therapy
Daniel Sims (New York, USA)
- 11:55 h How to organize the long-term follow-up of patients with a long-term ventricular assist device
Paul Mohacsi (Bern, Switzerland)
- 12:15 h Long-term management of complications in patients with continuous flow left ventricular assist devices: Bleeding, thrombosis, aortic regurgitation
Nir Uriel (New York, USA)
- 12:35 h Discussion
- 12:55-14:00 h VENTRICULAR ASSIST DEVICES AND OTHER THERAPIES AS A BRIDGE TO RECOVERY**
Moderators:
Enrique Pérez de la Sota (Madrid)
Nicolás Manito (Barcelona)
- 12:55 h Long-term ventricular assist devices for myocardial recovery
Pascal Leprince (Paris, France)
- 13:10 h Adjuvant therapies: Stem cells
Antoni Bayés-Genis (Barcelona)

Preliminary Scientific Program

FRIDAY 28th OF FEBRUARY 2014

- 13:25 h | Combination of left ventricular assist devices+ stem cells + fuel to cure the myocardium
Ulrich Jorde (New York, USA)
- 13:40 h | Discussion
- 14:00-15:00 h | Lunch / Visit to the commercial exhibition and posters**
- 15:00-16:15 h | WHAT'S NEW IN VENTRICULAR ASSIST DEVICES**
Moderators:
Irene Tatjer (Paris, France)
Carlos Morales (Oviedo)
BerlinHeart
Heartware
Thoratec
Abiomed
- 16:15-17:15 h | VENTRICULAR ASSIST DEVICES IN CONGENITAL HEART DISEASE AND PAEDIATRICS**
Moderators:
Ferrán Gran (Barcelona)
Luis García Guereta (Madrid)
- 16:15 h | Use of ventricular assist devices in patients with congenital heart disease
Antonio Amodeo (Rome, Italy)
- 16:35 h | EXCOR in paediatric patients as a bridge to heart transplant
Joan Sánchez de Toledo (Barcelona)
- 16:55 h | Discussion
- 17:15-17:45 h | Coffee break / Commercial exhibition**

Preliminary Scientific Program

FRIDAY 28th OF FEBRUARY 2014

17:45-19:00 h REAL LIFE CASES OF PATIENTS SUPPORTED WITH VENTRICULAR ASSIST DEVICES: LET US LEARN WITH THE EXPERTS

Moderator:

Albert Miralles (Barcelona)

Panel of experts:

Ulrich Jorde (New York, USA)

Pascal Leprince (Paris, France)

Paul Mohacsi (Bern, Switzerland)

Steven Tsui (Cambridge, England)

Case 1. Patient with chronic predominantly left heart failure in Intermacs 3-4 who is a candidate for transplant: Should I implant a medium/long term left ventricular assist device?

José González-Costello (Barcelona)

Case 2. Patient with biventricular chronic heart failure in Intermacs 1-2 who is a candidate for transplant: Should I implant a short-term biventricular assist device or a medium-term biventricular assist device as a bridge to transplant?

Alberto Esteban (Pamplona)

Case 3. Patient with acute heart failure with a short-term ventricular assist device: What next? List directly for transplant or bridge with a medium-long term ventricular assist device?

José González-Costello (Barcelona)

Case 4. Patient with chronic heart failure who is not a candidate to heart transplant: Should I implant a long-term left ventricular assist device?

Daniel Sims (New York, USA)

Case 5. Clinical management of a patient with a long-term left ventricular assist device

Daniel Sims (New York, USA)

19:00 h Closure

Nicolás Manito

Albert Miralles

General information

DATES: 27th and 28th February 2014

VENUE: Main Hall of the "HOSPITAL UNIVERSITARI DE BELLVITGE"
Feixa Llarga, s/n - 08907 L'Hospitalet de Llobregat. Barcelona (Spain)

REGISTRATION AND ACCOMMODATION:

TECHNICAL SECRETARY: ACTOSERVEIS

ACTOServeis

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REGISTRATION FEES:	Before course	During the Course
Physician	250 €	300 €
Fellow/Resident/Nurse/Technician	150 €	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.

ACCOMMODATION:

Catalonia Plaza Hotel	DIU (Use individual double room)	DOUBLE ROOM
26 february	DIU 134.31 €	DOUBLE 156.24 €
27 and 28 february	DIU 122.21 €	DOUBLE 134.31 €

LANGUAGES:

Simultaneous translation Spanish/English, English/Spanish.

INDUSTRY EXHIBITION:

In order to gain better knowledge of the devices during the course, an exhibition of circulatory mechanical assistance, heart failure, heart surgery and cardiology companies and products will take place.

ACCREDITATION:

Course in process of obtaining accreditation for continuous education by the "Consell Català de Formació Mèdica Continuada" and the "Comisión de Formación Continuada del Sistema Nacional de Salud". This symposium has been accredited by the Committee of Accreditation of the Spanish Society of Cardiology with 4,6 credits.

POSTERS

To facilitate the spread of knowledge and the exchange of experiences at a national and international level we will accept poster presentations.

An abstract of no more than 300 words must be e-mailed to the Course Secretary before the **30th of January 2014**.

This symposium is compliant with the *Euromed Code of Ethical Business Practice*.