

# Second INTERNATIONAL SYMPOSIUM MECHANICAL CIRCULATORY SUPPORT For the treatment of acute and chronic heart failure

28 and 29 of February 2008

Hospital Universitario de Bellvitge

**HOSPITALET. BARCELONA**

## IN COLLABORATION WITH:



• SPANISH SOCIETY OF THORACIC AND  
CARDIOVASCULAR SURGERY



• SECTION OF HEART FAILURE, HEART  
TRANSPLANTATION AND OTHER  
ALTERNATIVES OF THE SPANISH SOCIETY  
OF CARDIOLOGY



• CATALAN SOCIETY OF CARDIAC  
SURGERY



• CARDIAC ASSOCIATION  
Dr. M. PUIG MASSANA



Generalitat de Catalunya  
Departament de Salut



Bellvitge  
Hospital

Institut Català  
de la Salut

Mechanical circulatory support has significantly evolved over the last years. It is now a real and useful therapeutic option not only for the treatment of cardiogenic shock but also for advanced chronic heart failure and even preventively in high risk cases of percutaneous coronary intervention and cardiac surgery.

We have a big variety of devices: from the percutaneous and short-term support that can be used in the operating room or the cath-lab and afterwards in the Intensive or Coronary Care Units, to the internal and long-term devices which can be used as a bridge to recovery or cardiac transplant, or as a definitive therapy in patients with a contraindication to cardiac transplant. There are cases of patients with more than seven years of mechanical circulatory support leading and almost normal life.

The recent Clinical Guidelines of Heart Failure recognize these therapeutic possibilities.

This treatment involves not only the cardiac surgeons but also the cardiologists, anaesthesiologist, intensivists and perfusionists to whom the Symposium is directed.

We have the collaboration of the Spanish Societies of Thoracic and Cardiovascular Surgery and of Cardiology and of the Catalan Society of Cardiac Surgery.

The Scientific Program includes a big number of international experts. We hope this treatment can be made available to more patients, in order to save a lot of lives, in our country and its environment.

The first day, the Working Group in Mechanical Circulatory Support and Heart Transplantation of the Spanish Society of Thoracic and Cardiovascular Surgery will do a combined meeting.

Prof. E. Castells  
Head Cardiac Surgery

Prof. E. Esplugas  
Head S. Cardiology

## SPEAKERS LIST

|                            |   |
|----------------------------|---|
| <b>P. Braneycke</b>        | Berlin. Alemania.   |
| <b>G. Bruschi</b>          | Milán. Italia.  |
| <b>J.M. Calbet</b>         | H.U. Bellvitge. Hospitalet de Llobregat.  |
| <b>J.F. Cañizo</b>         | Coordinador del Grupo del Corazón de la European Society of Artificial Organs   |
| <b>R. Cartañá</b>          | H. Clínic. Barcelona.   |
| <b>E. Castells</b>         | H. U. Bellvitge. Hospitalet de Llobregat.   |
| <b>J.A. Cortes</b>         | Ministerio de Sanidad y Consumo. Madrid.  |
| <b>J.F. Delgado</b>        | Presidente de la Sección de Insuficiencia Cardíaca, trasplante y otras alternativas de la Sociedad Española de Cardiología. |
| <b>A. El-Banayosy</b>      | Bad Oeynhausen. Alemania.   |
| <b>C. Fontanillas</b>      | H. U. de Bellvitge. Hospitalet de Llobregat.  |
| <b>C. García Montero</b>   | H. Puerta de Hierro. Madrid   |
| <b>J.A. Gómez</b>          | H. U. de Bellvitge. Hospitalet de Llobregat.  |
| <b>J. Gonzalez</b>         | H. U. de Bellvitge. Hospitalet de Llobregat.  |
| <b>J. Granados</b>         | H. U. de Bellvitge. Hospitalet de Llobregat.  |
| <b>J.P.Henriquez</b>       | Amsterdam. Holanda.   |
| <b>M. Hummel</b>           | Berlin. Alemania.   |
| <b>R. Körfer</b>           | Bad Oeynhausen. Alemania.   |
| <b>J. Lahpor</b>           | Utrecht. Holanda.   |
| <b>D. Loisance</b>         | París. Francia.   |
| <b>N. Manito</b>           | H. U. de Bellvitge. Hospitalet de Llobregat.  |
| <b>A. Miralles</b>         | H. U. Bellvitge. Hospitalet de Llobregat.   |
| <b>J. Mueller</b>          | Berlin. Alemania.   |
| <b>D. Ortiz</b>            | H.U. Bellvitge. Hospitalet de Llobregat.  |
| <b>A. Pavie</b>            | París. Francia.   |
| <b>E. Pérez de la Sota</b> | H. 12 de Octubre. Madrid.   |
| <b>J.L. Pomar</b>          | H. Clínic. Barcelona.   |
| <b>G. Rábago</b>           | C. U. de Navarra. Pamplona.   |
| <b>D. Raess</b>            | Danvers. USA.   |
| <b>M. Ruiz</b>             | H. Gregorio Marañón. Madrid.  |
| <b>E. Saura</b>            | H. U. de Bellvitge. Hospitalet de Llobregat.  |

# SCIENTIFIC PROGRAM

## DAY 28 – 2 – 2008

- 14.00 h. Opening of the secretary's office.
- 15.00 h. **PRACTICAL COURSE: IMPLANTATION AND MANAGEMENT OF THE DEVICES**  
**Moderators:** J. Granados and G. Rábago
- 15.00 h. **Implantation of percutaneous devices: Impella.**  
J.A.Gómez Hospital (H.U. Bellvitge)
- 15.10 h **Centrifugal pump Levitronics. ECMO.**  
G. Rábago (Clínica U. de Navarra)
- 15.20 h. **Paracorporeal pumps Abiomed.**  
R. Cartañá (H. Clínic)
- 15.30 h. **Thoratec uni and biventricular.**  
G. Rábago (Clínica U. de Navarra)
- 15.40 h. **Axial pump of long duration: Incor.**  
D. Ortiz (H.U.Bellvitge)
- Panel Discusión**
- 16.10 h. **COFFEE BREAK.** Visit to Poster's and Commercial Expositions.
- 16.30h. **ROUND TABLE: MECHANICAL CIRCULATORY SUPPORT IN SPAIN.**  
**Moderators:** E. Pérez de la Sota and E. Saura  
**Panel:**  
16.30 h. E. Pérez de la Sota. Experience of the Hospital Univ. 12 de Octubre  
16.40 h. C. García Montero. Experience of the Clínica Univ. Puerta de Hierro  
16.50 h. A. Miralles. Expeience of the H. Univ. Bellvitge  
17.00 h. M. Ruiz. Experience of the H. Univ. Gregorio Marañón  
17.10 h. G. Rábago. Experience of the Clínica Univ. de Navarra  
17.20 h. E. Pérez de la Sota. Experience of the others Spanish services
- Discussion and contributions.**
- 18.30h. **MEETING OF THE WORKING GROUP IN MECHANICAL CIRCULATORY SUPPORT OF THE SPANISH SOCIETY OF THORACIC AND CARDIOVASCULAR SURGERY**  
**Moderator :** J. Pérez de la Sota.Coordinator of the Working Group.

# SCIENTIFIC PROGRAM

## DAY 29 – 2 – 2008

- 08.00 h. Opening of the Secretary's Office.
- 09.00 h. **Welcome. Introduction.** E. Castells
- 09.10 h. **NEEDS FOR MECHANICAL CIRCULATORY SUPPORT, RELATION COST/BENEFIT AND FUTURE:**  
**Moderators:** J.M. Calbet and J. González
- 09.20h. **Epidemiology and mortality of heart failure in Spain. Potential needs of mechanical circulatory support.**  
J. Delgado. President of the Section of Heart Failure, Transplantation and Other Alternatives of the Spanish Society of Cardiology.
- 09.30h. **Planning of the assistance, economy and organization of the mechanical circulatory support in Spain.**  
J.A. Cortés. Ministry of Health and Consumption.
- 09.50h. **Present status of the research in Mechanical Circulatory Support and the future.**  
J.F. Cañizo. Coordinator of the Working Group of the Heart of the European Society of Artificial Organs.
- 10.10h. **COFFEE BREAK.** Visit to Poster's and Commercial Exhibitions.
- 10.30h. **SHORT AND INTERMEDIATE SUPPORT.**  
**Moderators:** A. Miralles and J.L. Pomar.
- 10.30h. **Percutaneous support of short duration: Impella in the cath-lab. Point of view of the cardiologist.**  
J.P. Henriquez (Amsterdam. The Netherlands).
- 10.50h. **Short-term support: Levitronics.ECMO.Building of a VAD's Program. A. El-Banayosy (Bad Oeynhausen.Germany)**
- 11.10h. **Recovery in the setting cardiogenic shock after an Acute Myocardial Infarction and others, with paracorporeal pneumatic pumps (Abiomed BVS and 5000). D. Raess (Danvers. USA).**
- 11.30h. **Recovery and bridge to transplantation with the Thoratec uni and biventricular. The French Registry of Circulatory Support.**  
D. Loisançe (Paris .France).
- 11.50h. **Excor in adults and childrens. P. Braneycke (Berlin. Germany).**

# SCIENTIFIC PROGRAM

## DAY 29 – 2 – 2008

12.15 h. **ROUND TABLE AND PANEL DISCUSSION: INDICATIONS, SELECTION OF THE DEVICES, MANAGEMENT, RESULTS AND FUTURE.**

**Moderators:** A. Miralles and J.L. Pomar-

**Panelist:** P. Braneycke, A. El-Banayosy, J.P. Henriquez, D. Loisanca and D. Raess.

13.30 h. **LUNCH**

14.30 h, **MECHANICAL CIRCULATORY SUPPORT OF LONG DURATION**

**Moderators:** E. Castells and N. Manito.

14.30 h. **Italian experience with axial pumps. The Micromed De Bakey.**  
G. Bruschi (Milán. Italia)

14.50 h. **Long-term support. Experience with the Heart Mate II.**  
J. Lahpor (Utrecht. The Netherlands)

15.10 h. **Long-term recovery and destination therapy. Experience with the Incor.**  
J. Mueller (Berlin. Germany)

15.30 h. **Long-term support. Experience of the Herz- und Diabeteszentrum Nordrhein-Westfalen.**  
R. Körfer (Bad Oeynhausen. Germany)

15.50 h. **Mechanical circulatory support for long-term. Point of view of the cardiologist.**  
M. Hummel (Berlin. Germany).

16.10 h. **COFFEE BREAK. VISIT TO POSTER'S AND COMMERCIAL EXHIBITION.**

16.40 h. **Experience of the Hôpital La Pitié. The pneumatic artificial heart.**  
A. Pavie (Paris. France).

17.00 h. **Electric total artificial heart: Abiocror. Present status and future.**  
D. Raess (Danvers. U.S.A)

17.20 h. **ROUND TABLE AND PANEL DISCUSSION :LONG-TERM SUPPORT. RECOVERY, BRIDGE TO TRANSPLANTATION AND DESTINATION THERAPY.**

**Moderators:** E. Castells and N. Manito.

**Panelist:** G. Bruschi, M. Hummel, R. Körfer, J. Lahpor, J. Mueller, A. Pavie and D. Raess.

18.20h. **Farewell.** C. Fontanillas and E. Saura.

## GENERAL INFORMATION

**DATE:** 28th (afternoon) and 29 of February 2008

**PLACE:** Auditorium - Hospital Universitario de Bellvitge.  
Feixa Llarga, s/n. - L'Hospitalet de Llobregat. Barcelona. Spain

## TECHNICAL SECRETARIAT

### INSCRIPTION:

OLDISSENY, S.L.  
C/ Compte d'Urgell, 174 – 2º 1ª  
08036 – Barcelona  
Phone: (34) 93 4510792  
Fax: (34) 93 4511736  
E-mail: [info@oldisseny.com](mailto:info@oldisseny.com)

## ACCOMMODATION

### BOOKING:

MEETEX EVENTS  
Contact: Eduard Perez  
Phone: (34) 93 280 63 26  
Fax: (34) 93 205 35 81  
E-mail:  
[eduard.perez@meetexevents.com](mailto:eduard.perez@meetexevents.com)

### INSCRIPTION:

|           | Before Symposium               | On site                        |
|-----------|--------------------------------|--------------------------------|
| Doctors   | <input type="checkbox"/> 250 € | <input type="checkbox"/> 300 € |
| Residents | <input type="checkbox"/> 150 € | <input type="checkbox"/> 200 € |

The registration INCLUDES: Documentation, business lunch, coffee break and attendance certificate.

**LANGUAGE:** Simultaneous translation: Spanish-English / English-Spanish

## POSTER PRESENTATIONS

We will accept presentations as a poster, in order to increase the participation and the diffusion of the national and international experience and research about mechanical circulatory support and heart failure, that will be presented during the Symposium.

Before the 1 of February 2008 and abstract of the presentation will be sent by e-mail to the Secretary of the Symposium, in Spanish or English, including title, authors, service, hospital and a text of no more than 300 words (introduction and objectives, material and methods, results and conclusions). Before the 7 February 2008 we will inform to the author indicated in the e-mail.

## INDUSTRY EXHIBITION

During the Symposium we will have an Industry Exhibition about Mechanical circulatory support, Heart failure, Cardiac Surgery and Cardiology, for a better Knowledge of their products.

## ACCREDITATION

This course has been accredited by the Committee of Continuous Training of the Instituto Catalán de la Salud. We will give a certificate.



Hospital Universitari de Bellvitge

**TECHNICAL SECRETARIAT:**

**OLDISSENY, SL**

C/ Compte Urgell, 174 - 2n. 1a.

08036 - BARCELONA.Spain

Tel. + 34 93 451 0792

Fax. + 34 93 451 1736

Email: [info@oldisseny.com](mailto:info@oldisseny.com)

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