Belgian Heart Rhythm Meeting

THURSDAY 4TH AND FRIDAY 5TH OCTOBER 2012
www.bhrm.be

Sheraton Brussels Airport Hotel
and Congress Centre
The Belgian Heart Rhythm Meeting aims at sharing expertise on the various diagnostic tools and therapeutic possibilities available to practitioners when deciding upon which approach best serves your arrhythmic patient.

**Accreditation**

The “6th Belgian Heart Rhythm Meeting” is accredited by the Belgian Health Insurance Agency for 10 credit points in cardiology (activity number 12012614) and 3 credit points in economy/ethics (activity number 12013952).

The “6th Belgian Heart Rhythm Meeting” is accredited by the European Board for Accreditation in Cardiology (EBAC) for 12 hours of External CME credits.

**Info & Registration**

[www.bhrm.be](http://www.bhrm.be)
Dear Colleagues,

The Belgian Heart Rhythm Association (BeHRA) is pleased to announce the
6TH BELGIAN HEART RHYTHM MEETING
“ARRHYTHMIAS FOR EVERY CARDIOLOGIST”
Thursday 4th and Friday 5th October 2012
to be held at the Sheraton Brussels Airport Hotel and Congress Centre.

This meeting is specifically designed for all cardiologists and welcomes yearly over 500 participants.

Every cardiologist has patients with rhythmological problems and an increasing interest is seen amongst non arrhythmia specialists for arrhythmia related issues. Our aim is to share expertise on the various diagnostic tools and therapeutic possibilities available to cardiologists when deciding upon which approach best serves your arrhythmic patients.

This meeting, organised in the heart of Europe, will provide a balanced programme with clinical cases and discussions on how to manage the everyday patient. Renowned national and international speakers will present state-of-the-art lectures, case-based discussions, abstracts and posters. Practical issues will be discussed in relation with the most recent guidelines about all fields of arrhythmia i.e. the use of defibrillators, pacemakers, telemonitoring, drug management including anticoagulation for atrial fibrillation...

We look forward to welcoming you to the 6th BHRM on 4th and 5th October 2012 in Brussels!

Sincerely yours,

Ivan BLANKOFF  Marnix GOETHALS  Georges H. MAIRESSE
Thursday, 4th October 2012

Scientific Programme

07.45 Registration and breakfast
08.15 Welcome address
Dr. Marnix Goethals, Roeselare, B

SESSION 1 ABSTRACTS SESSION
Chairs: Dr. Pierre Mélon, Liège, B and Dr. Bruno Schwagten, Antwerp, B

MEDA BeHRA-MEDA Awards for the best abstract and the best poster
08.30 Remote magnetic navigation for ablation of drug-resistant premature ventricular contractions in patients with and without structural heart disease
S.S. Bun, B. Berte, K. Van Beeumen, Y. Vandekerckhove, M. Duyschaever, R. Tavernier, Sint-Jan Hospital, Bruges, B

08.42 Video recording analysis of volunteers using AEDs connected by GPRS to an external call-center
F. Maes, S. Marchandise, M. Detienne, J-B Le Polain de Waroux, C. Scavée, Cliniques Universitaires Saint-Luc, Brussels, B

08.54 Which parameters predict the clinical usefulness of an ICD implantation in ischemic cardiomyopathy?
V. Floré, A. Belmans, J. Ector, D. Nuyens, H. Heidbüchel and R.Willems, University Hospitals Leuven, Leuven, B

09.06 24 Hour ambulatory holter monitoring for diagnosis and risk stratification in Long QT syndrome (LQTS)
T. Robyns, D. Nuyens, R. Willems, H. Heidbüchel, University Hospitals Leuven, Leuven, B

09.18 No additional reduction of mortality or heart failure events with intrathoracic impedance measurements in a context of telemonitoring with structural biofeedback
L. Grieten1,2, F. H. Verbrugge1,2, V. Storms2, D. Verhaert1, M. Rivero-Ayerza1, P. De Vusser1, H. Van Herendaël1, J. Vercammen1, L. Jacobs1, K. Rondelez1, W. Mullens1,2 and P. Vandervoort1,2
1 Ziekenhuis Oost-Limburg, Genk, B - 2 Hasselt University, Diepenbeek, B

SESSION 2 PACEMAKERS AND BEYOND...
Chairs: Dr. Peter Geelen, Aalst, B and Dr. Philippe Evrard, Liège, B

09.30 Pacemaker detected asymptomatic AF episodes: how important are they?
Prof. Jeff Healey, Hamilton, Canada

10.00 Pacemaker patient management in the next decade
Prof. Peter-Paul Delnoy, Zwolle, NL

10.30 Coffee break
SPECIAL FOCUS SESSIONS ON TELEMONITORING
Organised thanks to an educational grant from BIOTRONIK

SESSION 3  IMPROVED PATIENT MANAGEMENT WITH TELEMONITORING
Chairs: Prof. Pieter Vandervoort, Genk, B and Prof. Dominique Blommaert, Yvoir, B
11.00 An update on recent trials
    Prof. Christophe Leclercq, Rennes, F
11.30 Clinical cases from everyday practice
    Prof. Christopher Piorkowski, Leipzig, D

SESSION 4  PRACTICAL ISSUES WITH TELEMONITORING
Chairs: Dr. Dirk Stockman, Antwerp, B and Dr. Georges H. Mairesse, Arlon, B
12.00 Practical organisation of the telemonitoring clinic
    Prof. Luc Jordaens, Rotterdam, NL
12.30 Cost-effectiveness in Europe and in Belgium
    Prof. Hein Heidbüchel, Leuven, B

13.00 Lunch

SESSION 5  ANTICOAGULATION FOR AF IN 2012
Chairs: Prof. Marc Claeys, Antwerp, B and Prof. Guy Van Camp, Brussels, B
14.00 Key messages from the updated guidelines
    Prof. Paulus Kirchhof, Birmingham, UK
14.30 How to treat the difficult patient?
    Prof. Christoph Bode, Freiburg, D

SESSION 6  ABLATION AS FIRST LINE THERAPY IN PAROXYSMAL ATRIAL FIBRILLATION
Chairs: Dr. Sébastien Knecht, Brussels, B and Prof. Mattias Duytschaever, Bruges, B
15.00 How to ablate paroxysmal atrial fibrillation?
    Dr. Gian-Baptista Chierchia, Brussels, B
15.20 Long-term results of atrial fibrillation ablation
    Dr. Maximo Rivero Ayerza, Genk, B
15.40 Safety of atrial fibrillation ablation
    Dr. Yves De Greef, Antwerp, B
16.00 Coffee break
THURSDAY, 4TH OCTOBER 2012 (CONTINUED)

SESSION 7  LOOKING AT SUPRAVENTRICULAR TACHYCARDIA
Chairs: Prof. Thierry Verbeet, Brussels, B and Dr. Frank Provenier, Ghent, B

16.30   Live demonstration of SVT ablation
Dr. Peter Geelen, Aalst, B, Dr. Tom De Potter, Aalst, B, Dr. Johan Vijgen, Hasselt, B

17.00   The Wellens’s vision on SVT
Prof. Hein J.J. Wellens, Maastricht, NL

SESSION 8  SPORT OR NO SPORT
Chairs: Dr. Jean Boland, Liège, B and Dr. Peter Goethals, Brussels, B

17.30   Sport with a dilated right ventricle?
Dr. Jean-Benoît Le Polain de Waroux, Brussels, B

17.40   Sport with an abnormal coronary anatomy?
Dr. Hugo Van Herendael, Genk, B

17.50   Sport with extreme bradycardia?
Dr. Antoine de Meester, Jolimont, B

18.00   Sport with ventricular premature beats?
Dr. Carlo De Asmundis, Brussels, B

18.10   Sport with a systolic murmur?
Dr. Peter Pollet, Roeselare, B

18.45   Meet in the lobby of the Sheraton Brussels Airport Hotel
for transfer by coach to the dinner venue

19.30   Cocktail & Dinner
SESSION 9  REAL LIFE IS NOT ALWAYS BLACK AND WHITE. WHICH DEVICE TO CHOOSE WHEN YOUR PATIENT FALLS IN THE GREY AREA?
Chairs: Prof. Nico Vandeveire, Ghent, B and Dr. Antoine de Meester, Jolimont, B

08.30  Difficult cases presented by:
Dr. Thomas Philips, Leuven, B
Dr. Joris Schurmans, Hasselt, B
Dr. Auriane Ceulemans, Brussels, B

Discussants:
Prof. Rik Willems, Leuven, B
Dr. Johan Vijgen, Hasselt, B
Dr. Christophe Scavée, Brussels, B

SESSION 10  LEAD RELIABILITY IS CRUCIAL
Chairs: Dr. J-B Le Polain de Waroux, Brussels, B and Dr. Johan Vijgen, Hasselt, B

09.30  Will new technologies prevent lead failures?
Rick McVenes, Minneapolis, USA

10.00  Will lead extraction become easier?
Prof. Maria Grazia Bongiorni, Pisa, I

10.30  Coffee break

SESSION 11  CARDIOVERSION FOR AF: THE SOONER, THE BETTER?
Chairs: Dr Marnix Goethals, Roeselare, B and Dr Patrick Evrard, Yvoir, B

11.00  The importance of early cardioversion
Prof. Dieter Nuyens, Leuven, B

11.30  Drugs for early cardioversion: translating trial data into daily clinical practice
Prof. Tord Juhlin, Malmoe, SE

SESSION 12  NOACS FOR EVERY AF PATIENT IN 2013?
Chairs: Dr. Jean Beissel, Luxembourg, L and Dr. Wim Anné, Roeselare, B

12.00  NOACs: even in patients responding well on VKA?
Prof. Stephan Hohnloser, Frankfurt, D

12.30  NOACs: economically viable?
Prof. Alain Dupont, Brussels, B

13.00  Lunch
SESSION 13  OPTIMAL PHYSIOLOGICAL PACING
Chairs: Dr. Etienne Hoffer, Liège, B and Dr. Yves Vandekerckhove, Bruges, B

14.00 How physiologic should we pace?
Prof. Mario Oliveira, Lisbon, P

14.30 Resynchronisation for every pacemaker or ICD patient?
Prof. Serge Cazeau, Paris, F

SESSION 14  SUDDEN CARDIAC DEATH IN:
Chairs: Prof. Luc De Roy, Brussels, B and Dr. Ivan Blankoff, Charleroi, B

15.00 Young competitive and non competitive athletes
Prof. Domenico Corrado, Padova, I

15.30 The early repolarisation syndrome
Prof. Michel Haissaguerre, Bordeaux, F

16.00 Coffee break

SESSION 15  RADIATION AND EDUCATION
Chairs: Prof. Philip Moons, Leuven, B and Dr. Christophe Scavée, Brussels, B

16.30 How to reduce radiation dose in the EP lab?
Prof. Fred Witkampf, Utrecht, NL

17.00 How can Belgium benefit from the EHRA Education and Certification Framework?
Prof. Hein Heidbüchel, Leuven, B

SESSION 16  WPW IN 2012
Chairs: Dr. René Tavernier, Bruges, B and Dr Jean Manuel Herzet, Liège, B

17.30 Is ablation in asymptomatic patients justified?
Dr. Christophe Scavée, Brussels, B

18.00 Tips and tricks in doubtful surface ECGs
Dr. Thierry Verbeet, Brussels, B

18.30 Closing remarks
Dr. Ivan Blankoff, Charleroi, B
PARALLEL MORNING SESSIONS FOR CARDIOVASCULAR NURSES
(in Dutch and in French)

SESSIE VOOR CARDIOVASCULAIRE VERPLEEGKUNDIGEN

08.30  Welkom en registratie
Chairs: Mevr. Eva Goossens, Leuven, B en Dr. Dieter Nuyens, Leuven, B

09.00  Wanneer is een elektrofysiologisch en/of ablatie onderzoek aangewezen?
Dr. Wim Huybrechts, Antwerpen, B

09.45  Bij wie dient een pacemaker, een defibrillator of een resynchronisatie
toestel geplaatst te worden?
Dr. Stefan Ketels, Oostende, B

10.30  Coffee break
Chairs: Mevr. Eva Goossens, Leuven, B en Prof. Rik Willems, Leuven, B

11.00  Opvolging van patiënten met een pacemaker of defibrillator
Dr. Tim Boussy, Kortrijk, B

11.45  Antwoorden op vragen van patiënten rond ablatie en pacemaker-of
defibrillator implantatie
Dr. Liesbeth Timmers, Ghent, B

12.30  Lunch

SESSION POUR LES INFIRMIER(ÈRE)S CARDIOVASCULAIRES

08.30  Accueil et inscription
Chairs : Mme. Laurence Hody, Bruxelles, B et Dr. Olivier Xhaet, Yvoir, B

09.00  Quand et pourquoi proposer un examen électrophysiologique et/ou une ablation?
Dr. Jean Manuel Herzet, Liège, B

09.45  Ablation et implantation : Tout ce que le patient doit savoir
Dr. Olivier Deceuninck, Mont-Godinne, B

10.30  Coffee break

11.00  Choisir entre pacemaker et défibrillateur avec ou sans
resynchronisation: Quel implant pour quel patient ?
Dr. Sébastien Marchandise, Bruxelles, B

11.45  Gérer le suivi des patients implantés: Quand et comment?
Dr. Marko Gujic, Charleroi, B

12.30  Lunch
CLINICAL RHYTHMOLOGY

1. Changes in the QT interval/dispersion and T wave peak-to-T end interval/dispersion after percutaneous transluminal coronary angioplasty
   M. Goldust, Tabriz University of Medical Sciences, Tabriz, IR

2. Flecaïnide therapy in pediatric catecholergic ventricular tachycardia
   C. Jacquemart, F. Ould Abderrahmane, M. Massin, HUDERF – ULB, Brussels, B

3. The effect of infarct size and timing after myocardial infarction on microvolt T-wave alternans and beat-to-beat variability of repolarization
   V. Floré, P. Claus, S. Van Soest, M. Vos, K. R. Sipido, R. Willems, University Hospitals Leuven, Leuven, B

DEVICES

4. Increasing diastolic filling time as mechanistic insight for response to cardiac resynchronization therapy

5. Duration of heart failure symptoms and response to cardiac resynchronization therapy

6. Role of home monitoring in managing of patient with Brugada syndrome

7. Cardiac resynchronization therapy with or without defibrillator: experience from a high volume Belgian implantation center

8. Automated external defibrillators in Belgian fitness centres
   F. Demeure, J-B. Le Polain de Waroux, S. Marchandise, C. Scavée, Cliniques Universitaires Saint Luc, Brussels, B

9. Remote monitoring alerts: Is there a snag in it?
   F. Van Heuverswyn¹, R. Stroobandt¹, A. Kucher², S.S. Barold³
   ¹ University Hospital, Ghent, B - ² Biotronik, Berlin, DE - ³ Florida Heart Rhythm Institute, Tampa, Florida, USA

11. Three-dimensional rotational angiography of the left atrium: effects of decreasing frame-rate on radiation dose and image quality
BSN. Alzand, S. De Buck, JY. Wielandts, G. Garweg, J. Ector, T. Phlips, R. Willems, D. Nuyens, H. Heidbuchel, University Hospitals Leuven, Leuven, B

12. Intravenous adenosine to predict conduction recurrence in cavo-tricuspid isthmus early after ablation of typical atrial flutter: myth or reality?
S. Marchandise¹, C. Scavée¹, D. Badot², O. Deceuninck, O. Xhaët³, P. Hausman¹, C. de Meester¹, J-B le Polain de Waroux³
¹ Cliniques Universitaires St-Luc, Université Catholique de Louvain, Brussels, B - ² Centre hospitalier Jolimont-Lobbes, Haine Saint-Paul, B - ³ Cliniques Universitaires de Mont-Godinne, Université Catholique de Louvain, Yvoir, B - ⁴ Grand Hôpital de Charleroi, Gilly, B

13. Rearrangement of atrial bundle architecture and consequent changes in anisotropy of conduction contribute to the development of a 3-dimensional substrate for atrial fibrillation
B. Maesen¹², S. Zeemering¹, C. Afonso³, J. Eckstein¹, R. Burton⁴, A. van Hunnik¹, D.J. Stuckey⁵, D. Tyler¹, J. Maessen², V. Grau³, S. Verheule¹, P. Kohl⁵ and U. Schotten¹
¹ Maastricht University, Maastricht, NL - ² Maastricht University Hospital, Maastricht, NL - ³ University of Oxford, Oxford, UK - ⁴ University of Oxford, Oxford, UK - ⁵ Imperial College, London, UK

14. Retrograde access of the left atrium for pulmonary vein isolation using magnetic navigation after closure of an atrial septum defect, a case report
S.A. Wijchers, D. Stockman, Y. De Greef, W.J. Acou, B. Schwagten, ZNA Middelheim, Antwerpen, B

15. Contact-force Controlled Catheter Ablation in Atrial Fibrillation Leads to Better Acute Results in Lesion Formation
L. Stefan, T. De Potter, E. Celentano, P. Peychtev, P. Geelen, Onze-Lieve-Vrouw Hospital, Aalst, B

16. Contact force sensing ablation catheter increase the efficiency of radiofrequency lesion during isolation of the pulmonary veins in patients with paroxysmal atrial fibrillation
O. Xhaet, O. Deceuninck, F. Dormal, V. Godaux, C. Bertholet, F. Huys, D. Blommaert, CHU Mont-Godinne, Yvoir, B
Thursday 4th October 2012 - 19h30
Cocktail and Dinner at the Academy Palace

On the occasion of the 6th Belgian Heart Rhythm Meeting, the organisers will be honoured to welcome participants for cocktail and dinner at the Academy Palace, which among other academies, hosts the Royal Belgian Society of Medicine.

This neoclassical palace and its handsome stables were built between 1823 and 1828 for Prince William of Orange in recognition of his brilliant action on the field at Waterloo, from funds granted by the nation. The family of William of Orange and his princess, Anna Pavlovna, sister of tsars Alexander I and Nicholas I occupied the palace until the Belgian Revolution of 1830 forced them to flee to the Netherlands.

From 1830, the Palace was under the authority of the newborn Belgian State. The public was allowed to tour the Palace and its interiors were considered the most sumptuous that had ever been seen in Belgium. In 1842 the building was officially ceded to the State of Belgium.

After having been refused by the Duke of Brabant when offered to him in 1853, the Palace remained in use for public festivities.

By a royal decree of 30 April 1876, the Palace was put at the disposal of the Belgian Royal Academy of Sciences, Literature and Fine Arts and in 1966, King Baudouin gave the building to the Academy.
Registration requested prior to the event.

Transfers by coach to the dinner venue:
meet at 18.45 in the lobby of the Sheraton Brussels Airport Hotel.
PRACTICAL INFORMATION

VENUE
Sheraton Brussels Airport and Congress Centre / Brussels International Airport - 1930 Zaventem - Belgium
Phone +32 (0)2 710 8000 - Fax +32 (0)2 710 8080
www.sheratonbrusselsairport.be

ACCESS
• By train
  The airport train station is located on level -1 of the airport terminal.
  Up to 4 trains per hour connect the airport with Brussels North, Brussels Central and Brussels South (Midi/Zuid) stations (journey time approx. 20 minutes).
  www.b-rail.be
• By car
  On the Brussels ring-road, follow the signs for “Zaventem - Airport”. Once you arrive at the airport, follow the signs for “Departures”. The hotel is located on your left, opposite the Departures Hall.

PARKING
You can park your car in one of the car parks near the airport terminal. You can choose between Front Park 1, 2 or 3. They are open 24h/24h. All payment machines in the car parks accept cash or credit cards (Visa, Eurocard, American Express, Diners Club).
www.interparking.be/brusselsairport

WELCOME AND REGISTRATION
The welcome desk will be open on Thursday 4th October 2012 from 7.45 a.m. and on Friday 5th October from 8.00 a.m.

LANGUAGE
Plenary sessions will be in English. Parallel sessions for nurses will be in French and Dutch.

REGISTRATION FEES
The following rates apply (in Euros)

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<th>Category</th>
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<tr>
<td>BeHRA Members</td>
<td>€ 175</td>
<td>BeHRA non Members</td>
<td>€ 245</td>
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<tr>
<td>Nurses, Allied Professionals</td>
<td>€ 135</td>
<td>Trainee, Students</td>
<td>€ 95</td>
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<td>Nursing session only (including lunch)</td>
<td>€ 95</td>
<td>Dinner registration fee</td>
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ACCOMMODATION
Special rates are negotiated at the Sheraton Brussels Airport Hotel for the nights of 3rd October and 4th October 2012. To benefit from these rates, reservation must be made with the BHRM Organising Secretariat. The deadline for reservation is 3rd September 2012. Prepayment is required upon reservation.

Single room: € 229 / Double room: € 249 (Price per night including buffet breakfast)
The Belgian Heart Rhythm Association would like to thank the following partners for providing support that contributes to the overall quality of this Congress:

PLATINUM Sponsor

Boehringer Ingelheim

REGULAR Sponsors

Bard, Biotronik, Boston Scientific, Cardiotek, Daichii Sankyo, Meda Pharma, Medtronic, Servier, Sorin, St-Jude Medical

The Special Focus Sessions on Telemonitoring are organised thanks to an educational grant from BIOTRONIK