3rd Belgian Heart Rhythm Meeting

‘ARRHYTHMIAS FOR EVERY CARDIOLOGIST’

Friday 2nd and Saturday 3rd October 2009
Sheraton Brussels Airport Hotel and Congress Centre

ORGANISING COMMITTEE
- Dr I. Blankoff
- Dr M. Goethals
- Dr G.H. Mairesse

SCIENTIFIC COMMITTEE
- Dr I. Blankoff
- Dr A. de Meester
- Dr P. Evrard
- Dr M. Goethals
- Dr P. Goethals
- Prof H. Heidbüchel
- Dr G.H. Mairesse
- Dr F. Provenier
- Dr C. Scavée
- Prof Th. Verbeet
- Dr J. Vijgen

ORGANISING SECRETARIAT
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Professional Congress Organisers
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Picture © Luc Viatour
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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.

Location: Sheraton Brussels Airport Hotel

Registration requested prior to the event

Gala Dinner
Friday, 2nd October 2009

The Belgian Heart Rhythm Association would like to thank the following partners for providing financial support that contributed to the overall quality of the 3rd Belgian Heart Rhythm Meeting:
Dear Colleagues,

Following the highly successful Belgian Heart Rhythm Meeting, which welcomed over 800 participants in 2007 and 2008, the Belgian Heart Rhythm Association (BeHRA) is pleased to invite you to the

**3rd Belgian Heart Rhythm Meeting**

**‘ARRHYTHMIAS FOR EVERY CARDIOLOGIST’**

The congress will be held on **Friday 2nd and Saturday 3rd October 2009** at the **Sheraton Airport Hotel and Congress Centre**.

The Organising Committee has set himself the ambitious target of covering the most frequently raised topics in rhythmology such as atrial fibrillation, sudden cardiac death, resynchronisation therapy, catheter ablation, telecardiology and new issues about defibrillators.

Scientific sessions will be delivered throughout Friday all day and Saturday morning. In addition, a selection of the best abstracts will be included in the programme. Posters will be displayed in the exhibition hall.

Amidst the scientific activity, registrants will also enjoy the opportunity to come together to a gala dinner on Friday evening.

We look forward to welcoming you to the 3rd Belgian Heart Rhythm Meeting “Arrhythmias for every cardiologist” on 2nd and 3rd October in Brussels.

Sincerely yours,

Marnix GOETHALS  
Georges. H. MAIRESSE  
Ivan BLANKOFF

Peter GOETHALS  
Johan VIJGEN  
Thierry VERBEET
7.15-8.00 Registration and breakfast

SESSION 1 - A SHOCK TO SAVE A LIFE
Dr Antoine de Meester, Jolimont, B  
Prof Rik Willems, Leuven, B

8.00-8.30 Preventing sudden cardiac death: which patients benefit most from ICD therapy?  
Prof Dietrich Andresen, Berlin, D

8.30-9.00 Cost-effectiveness of ICD therapy in primary prevention in Europe and Belgium  
Prof Martin Cowie, London, UK

9.00-9.30 Optimal programming of an ICD  
Dr Frank Provenier, Gent, B

SESSION 2 - BEYOND THE STANDARD CRT
Dr Johan Vijgen, Hasselt, B  
Prof Olivier Gurné, Brussels, B

Session organised in collaboration with the Belgian Working Group on Heart Failure

9.30-10.00 Cardiac contractility update  
Prof Paul Steendijk, Leiden, NL

10.00-10.30 Heart failure, AV and VV delays: can sensors help?  
Prof Serge Cazeau, Paris, F

10.30-11.00 Coffee break

SESSION 3 - IMPROVING THE BENEFIT OF ICD AND CRT THERAPY IN SELECTED PATIENTS
Dr Peter Goethals, Brussels, B  
Dr Jean Boland, Liège, B

11.00-11.30 Reduction in the Risk of Heart Failure with Preventive Cardiac Resynchronisation Therapy: MADIT-CRT trial  
Prof Poul Erik Bloch-Thomsen, Copenhagen, DK

11.30-12.00 The benefit of (tele)monitoring weight and blood pressure in severe heart failure  
Dr Paul Dendale, Hasselt, B
SESSION 4 - SPORT AND SUDDEN CARDIAC DEATH

Dr Ivan Blankoff, Charleroi, B  
Dr Frank Van den Branden, Antwerpen, B

12.00-12.30 Screening young athletes for the prevention of sudden cardiac death  
Prof Domenico Corrado, Padova, I

12.30-13.00 The role of genetic screening  
Prof Silvia Priori, Pavia, I

13.00-14.00 Lunch

SESSION 5 - ECONOMY AND ETHICS

Dr Patrick Galloo, Brussels, B  
Dr Philippe Evrard, Liège, B

14.00-14.30 Pro-contra: Pacemakers and ICDs: more leads are better  
Pro: Prof René Tavernier, Bruges, B  
Contra: Dr Georges H. Mairese, Arlon, B

14.30-15.00 Pro-contra: Inappropriate shocks are unavoidable  
Pro: Prof Thierry Verbeet, Brussels, B  
Contra: Prof Rik Willems, Leuven, B

SESSION 6 – NEW PHARMACOLOGICAL APPROACHES IN THE THERAPY OF ATRIAL FIBRILLATION: FROM BENCH TO PRACTICE

Prof Luc De Roy, Yvoir, B  
Prof Mattias Duystschaever, Brugge, B

15.00-15.30 Use and mis-use of antiarrhythmic drugs in 2009: pharmacological insights  
Prof Jean-Yves Le Heuzey, Paris, F

15.30-16.00 Clinical perspectives for new drugs in atrial fibrillation  
Prof John Camm, London, UK

16.00-16.30 Coffee Break
SESSION 7 - WILL AF ABLATION BECOME A ROUTINE PROCEDURE?

Dr Christophe Scavee, Brussels, B
Dr Yves Vandekerkhove, Brugge, B

16.30-17.00 Catheter ablation versus antiarrhythmic drugs for the treatment of AF
Prof Laurent Macle, Montreal, CDN

17.00-17.30 Ablation of Paroxysmal AF: a continuous quest for the ideal single catheter
Dr Dirk Stockman, Antwerp, B

SESSION 8A - ABSTRACTS

Prof Thierry Verbeet, Brussels, B
Prof Hugo Ector, Leuven, B

17.30-17.45 Triggering pulmonary veins: a paradoxical predictor for atrial fibrillation recurrence after PV isolation
Y. De Greef, Y. Vandekerckhove, R. Tavernier, M. Duytschaever, Bruges and Antwerp, B

17.45-18.00 Hybrid ablation in refractory symptomatic persistent atrial fibrillation: one step versus two steps approach
A. Arhire, M. La Meir, D. Blommaert, O. Xhaet, O. Deceuninck, E. Collard, B. Collet, F. Dormal, L. De Roy, Yvoir, B

18.00-18.15 Prospective randomized evaluation of 3d rotational atriography to guide AF ablation

18.15-18.30 Long term follow-up of slow pathway ablation for AV nodal re-entry tachycardia
CJ. McCann, B. Gal, P. Goethals, P. Peytchev, P. Geelen, Aalst, B
18.30-18.45 Left univentricular only pacing can be an alternative to biventricular pacing: results of the randomized, double-blind b-left HF trial

18.45-19.00 Pitfalls in health-economic evaluations. Cost-effectiveness of prophylactic ICD insertion under real world conditions
H. Van Brabandt, M. Neyt, KCE, Brussels, B

Abstracts presentations followed by
“BeHRA-MEDA Award for the best abstract 2009”
“BeHRA-MEDA Award for the best poster 2009”

SESSION 8B – ECG TRAINING COURSE

17.30-19.00 French session - Dr Ivan Blankoff, Charleroi, B and Prof Luc De Roy, Yvoir, B
Dutch session - Dr Wim Huybrechts, Antwerp, B and Dr Bruno Schwagten, Rotterdam, NL

20.00 Gala Dinner
Celebrating founding fathers of Belgian Electrophysiology
8.00-8.30 Registration and breakfast

**SESSION 9 - OPTIMISING ANTICOAGULATION THERAPY FOR AF-PATIENTS**
*Dr Georges H. Mairesse, Arlon, B*
*Dr Marnix Goethals, Roeselare, B*

8.30-9.00 Bleeds and Clots of the current guidelines for anticoagulation in AF
*Prof Gregory Y. H. Lip, Birmingham, UK*

9.00-9.30 Can we RELY on a direct thrombine inhibitor for anticoagulation in AF?
*Prof Hein Heidbüchel, Leuven, B*

**SESSION 10 - HOW TO DEAL WITH ARRHYTHMIAS IN PAEDIATRIC PATIENTS ?**
*Prof Agnès Pasquet, Brussels, B*
*Prof Marc Gewillig, Leuven, B*

9.30-10.00 Paediatric cardiac examination and the screening of children for sport activities
*Dr Françoise Mascart, Montegnée, B*

10.00-10.30 Arrhythmias in congenital young adult patients
*Prof Michael A. Gatzoulis, London, UK*

10.30-11.00 Coffee break
SESSION 11 - BEYOND AF ABALATION

Dr Frank Provenier, Gent, B  
Dr Sébastien Knecht, Brussels, B

11.00-11.30  How to diagnose recurrences and complications ?  
Prof Gerhard Hindricks, Leipzig, D

11.30-12.00  Antiarrhythmic strategy after AF ablation  
Prof Sabine Ernst, London, UK

SESSION 12 - MEDICAL DEVICES IN THE 21ST CENTURY: NEW TRENDS AND CHALLENGES

Prof Hein Heidbüchel, Leuven, B  
Prof Dominique Blommaert, Yvoir, B

12.00-12.20  New trends in measuring physiological parameters through implanted cardiac devices  
Dr Maximo Rivero Ayerza, Genk, B

12.20-12.40  Remote therapy control: important challenges for home-monitoring systems  
Prof Gehard Hindricks, Leipzig, D

12.40-13.00  Special ICDs for special indications ?  
Prof Pedro Brugada, Brussels, B

13.00-14.00  Lunch
1. Pharmacological blockade in evaluation of sinus node function in various heart rhythm disturbances
   G. Abuladze, N. Jinjolia, Sh. Tvalchrelidze, Tbilisi, Georgia

2. Unexpected intermittent atrioventricular block: a rare cause of cryptogenic syncope
   L. Dabiri Abkenari, D. Blommaert, O. Deceuninck, B. Collet, L. De Roy, Yvoir, B

3. Baseline characteristics of patients randomized in the freedom study
   W. Abraham, Aalst, B, et al

4. Definitions for assessing CRT response in the real-world: outcome of the freedom survey

5. Performance of cardiac leads with optim insulation material: initial experience from the optimum registry
   J. Boland, Q. Désiron, F. Khairallah, F. Hamati, D. Peress, A. Schneider, J. Alonso, D. Bouchez, E. Boulogne,
   Liège, B et al

6. Active fixation leads allow successful alternative site pacing

7. Assessment of physicians perception of overall device follow up with a St Jude Medical pacemaker
   J. Schurmans, V. Hamoir, E. Gutierrez Carretero, I. Roose, F. El Ghelbazour, M. Voglimacci, E. Callebaut,
   Geel, B et al

8. Triple-site ventricular stimulation in patients with congestive heart failure: feasibility study
   N. Sebti, N. Preumont, J.L. Jansens, Brussels, B

9. Performance of Medtronic attain starfix 4195 lead: a 2-year single centre experience
   D. De Cleen, D. Dilling-Boer, J. Vijgen, L. Herbots, R. Geukens, Hasselt, B

10. Evaluation of the cardiac device follow-up service to determine the potential role for remote monitoring technology
    C.J. McCann, W. Timmermans, M. Goethals, P. Peytchev, P. Geelen, Aalst, B

AblaTioN

11. Cryotherapy in the setting of parahissian pathways: report of four cases
    T. Verbeet, J. Castro, S. Knecht, M. Massin, G. Rondia, M. Morissens, G. Flores Vivian, V. Op de Beek,
    N. Ngo Mandag, N. Zaoui, E. Catez, E. Tran Ngoc, B. Peperstraete, P. Decoodt, Brussels, B

12. Randomized comparison of transseptal and transaortic approach in ablation of left-sided accessory pathways using the magnetic navigation system
    B. Schwagten, M. Rivera-Ayerza, P. Knops, A. Thornton, T. Szili-Torok, L. Jordaens, Thoraxcentrum,
    Rotterdam, NL
13. Ten-year clinical outcome after radiofrequency catheter ablation of an accessory pathway  
   C.J. McCann, B. Gal, P. Goethals, P. Peytchev, P. Geelen, Aalst, B

14. The use of the magnetic navigation system allows shorter procedure times and a reduction  
   of radiation risk in small children undergoing catheter ablation  

15. Initial experience with the high density mesh ablation catheter for pulmonary vein isolation  
   Y. De Greef, D. Stockman, M. Duytschaever, Y. Vandekerckhove, R. Tavernier, Bruges and Antwerp, B

16. High density mesh ablation with pulsed RF energy: 1-year clinical results and comparison  
   of the 30 and 35 mm catheter in a large cohort of patients  
   Y. De Greef, D. Stockman, F. Van Den Branden, Antwerp, B

17. Impact of pharmacological autonomic blockade on complex fractionated atrial electrograms  

18. Mapping and isolation of the pulmonary veins using the PVAC catheter  
   M. Duytschaever, W. Anné, G. Papiashvili, Y. Vandekerckhove, R. Tavernier, Bruges, B

19. Feasibility, safety and efficacy of a novel ablation strategy for ablation of longstanding AF  
   M. Duytschaever, M. El Haddad, A. Wim, R. Houben, G. Papiashvili, Y. Vandekerckhove, R. Tavernier, Bruges, B

20. First experiences with the cryoballoon technique for circumferential pulmonary vein isolation  
   in Belgium  
   S.A. Müller-Burri, G.B. Chierchia, A. Sarkozy, L. Capulzini, Y. Yazaki, G. Paparella, A. Sorgente, M. Roos,  
   C. de Asmundis, P. Brugada, Brussels, B

21. Even in elderly patients cryoballoon ablation is feasible and safe for treating paroxysmal  
   atrial fibrillation  
   B. Schwagten, Y. Van Belle, P. Janse, T. Szili-Torok, L. Jordaens, Thoraxcentrum, Rotterdam, NL

22. Initial experience with magnetic catheter navigation for ablation of supraventricular tachycardias  
   G. Papiashvil, W. Anné, Y. Vandekerckhove, M. Duytschaever, R. Tavernier, Bruges, B

Accreditation

The 3rd Belgian Heart Rhythm Meeting is accredited by the INAMI/RIZIV for 12 credit points in cardiology and 1 credit point in ethics.
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 below the airport terminal (level-1). Up to 4 trains per hour connect Brussels North, Brussels Central and Brussels South (Midi) stations to the airport.

By bus from Brussels Schumann - The “Airport Line” is a bus connection between the European district and Brussels International Airport. Bus 12 or Bus 21.

By car - On the Brussels ring-road, follow the Brussels Airport signage “Zaventem Airport”. Once arrived at the airport, follow the sign “departure”. Hotel is situated on your left, opposite the hall of departures.

Parking

You can park your car in one of the car parks near the terminal of the airport. You can choose between Front Park 1, 2 or 3. They are open 24h/24h.

Rates*: Front park 1: 1 day: 22€ - 2 days: 44€
Front park 2 and 3: 1 day: 17€ - 2 days: 34€

All payment machines in the car parks at the airport accept cash or credit cards (Visa, Eurocard, American Express, Diners Club)

* subject to change: please check rates at www.brusselsairport.be

Welcome and registration

The welcome desk will be open on Friday 2nd October 2009 from 7h15 a.m. and on Saturday 3rd October 2009 from 8h00 a.m.
Language

All sessions will be in English, except for the ECG courses (Friday p.m.), which will be in French and Dutch.

Registration fees

Delegates can register by returning the enclosed registration form to the Organising Secretariat. Online registration is also available at www.behra.be.

The following rates apply (in Euros):

Congress registration fee:  
- BeHRA members: € 75
- BeHRA non members: € 100
- Students, fellows, allied professionals: € 25

Gala Dinner registration fee: € 100

Accommodation

Special rates for BeHRA Congress participants are negotiated at the Sheraton Brussels Airport Hotel for the nights of 1st and 2nd October 2009. To reserve your room, please complete the hotel reservation form and send it to the hotel.

- € 135 per single room with buffet breakfast
- € 160 per double room with buffet breakfast

Organising Secretariat

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FINAL PROGRAMME

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