

## WORD FROM THE PROGRAMME COMMITTEE

Dear Colleagues, Dear Friends,

Exciting news!

We are delighted to welcome you to the **18<sup>th</sup> Belgian Heart Rhythm Meeting**, taking place on **November 14<sup>th</sup> and 15<sup>th</sup>, 2024** at the Sheraton Brussels Airport Hotel. Join over 600 participants, including leading cardiologists, professors, doctors, and interns, as we exchange experiences and research on clinical rhythmology.

This year, we are thrilled to feature renowned speakers and experts in the field.

Yours Sincerely,

Dr Ivan Blankoff  
Dr Marnix Goethals  
Dr Sébastien Knecht  
Dr Georges H. Mairesse  
Dr Hugo Van Herendael  
Dr Johan Vijgen



## Thursday 14<sup>th</sup> November 2024

### 07:45 Welcome and Registration

08:25 Opening of the BHRM 2024  
*Dr. Johan Vijgen, Hasselt, BE*

### Session 1: Abstracts

**Chairs:** Prof. Rik Willems and Prof. Christophe Scavée

08:30 Cardiac patients' perception of continuous heart rate monitoring by commercially available heart rate monitors for physical activity follow-up  
*Dr. Christophe Buyck, Antwerp, BE*

08:42 Artificial intelligence enabled electrocardiogram algorithm accurately predicts atrial fibrosis  
*Dr. Henri Gruwez, Genk, BE*

08:54 Efficacy and Safety of Extensive Pulsed Field Ablation in Atrial Fibrillation Catheter Ablation  
*Dr. Wael Zaher, Mons, BE*

09:06 Additional ablation in case of ostial level pulmonary vein isolation or spared carina does not improve 1-year outcome after cryoballoon ablation: Results of the prospective randomized NOCA-AF study  
*Dr. Antanas Strazdas, Antwerp, BE*

09:18 : Pulmonary vein isolation using radiofrequency balloon catheter in atrial fibrillation- A Belgian single-centre retrospective study  
*Dr. Victor Simon, Charleroi, BE*

### Session 2: Pacemakers, defibrillators and more: advanced care - management during cardioversion and radiotherapy

**Chairs:** Prof. Dominique Blommaert and Prof. Nuyens Dieter

09:30 Advanced care planning in patients with a cardiac implantable device  
*Prof. Rik Willems, Leuven, BE*

10:00 Radiotherapy and cardioversion in patients with CIEDs  
*Prof. Sam Riahi, Aalborg, DK*

10:30 *Coffe Break and Moderated posters sessions on "Clinical rhythmology"*  
*Chair: Dr. Tim Boussy*

### Session 3: Syncope and devices, guidelines for driving, future perspectives

**Chairs:** Prof. Bruno Schwagten and Dr. Grim de Meyer

11:15 Initial workup after a first syncope  
*Prof. Frederik de Lange, Amsterdam, NL*

11:45 Driving after syncopes or any other arrhythmias  
*Dr. Johan Vijgen, Hasselt, BE*

12:15 The future of device therapy  
*Prof. Kevin Vernooy, Maastricht, NL*

12:45 *Lunch*

### Lunch Symposium - How pulsed field ablation may impact daily practice for every cardiologist

**Chair:** Dr. Johan Vijgen

Sponsored by: 

13:05 Safety, ease of use and effective : can we have it all? PERFECT-PAF trial  
*Prof. Gian Battista Chierchia, Brussels, BE*

13:15 Are we ready for PFA ablation as first-line therapy in paroxysmal and persistent AF?  
*Prof. Mattias Duytschaever, Brugge, BE*

13:25 Relevant changes in afib management – new guidelines and consensus statement  
*Dr. Tom De Potter, Aalst, BE*

13:35 Panel discussion led by Dr. Johan Vijgen  
*Dr. Jean Manuel Herzet, Liège, BE*  
*Dr. Benjamin De Becker, Antwerp, BE*  
*Dr. Hugo Van Herendael, Genk, BE*  
*Prof. Varnavas Varnavas, Brussels, BE*

### SPECIAL FOCUS SESSION: A BeHRA-EHRA SESSION

### Session 4: Questioning Atrial fibrillation: anticoagulation, subclinical AF, screening, and artificial intelligence

**Chairs:** Dr. Georges H. Mairesse and Prof. Hein Heidbüchel

14:00 Should we anticoagulate subclinical AF?  
*Prof. Helmut Pürerfellner, Linz, AU*

14:30 If no anticoagulation is needed for SCAF, is there still a role for screening?  
*Prof. Renate Schabel, Hamburg, DE*

15:00 Will artificial intelligence help?  
*Prof. Nico Bruining, Rotterdam, NL*

### Session 5: AF Ablation: pro/contra format

**Chairs:** Dr. Johan Vijgen and Dr. Lieve Van Casteren

15:30 PRO: Every first AF ablation should be done using PFA  
*Prof. Boris Schmidt, Frankfurt, DE*

15:45 CONTRA: Every first AF ablation should be done using other energies than PFA  
*Prof. Benjamin Berte, Luzern, CH*

16:00 Rebuttal

16:15 *Coffee Break*

### Session 6: Rapid firing: From ECG cases to guidelines in cardiopathies with electrical consequences: Brugada, Long and short QT, Sarcoidosis, Amyloidosis, HCM, CPVT

**Chairs:** Dr. Sébastien Knecht and Dr. Liesbeth Timmers

16:45 Brugada syndrome  
*Prof. Maarten de Smet, Leiden, NL*

17:00 Long and short QT syndrome  
*Dr. Aurélien Wauters, Ottignies, BE*

17:15 Sarcoidosis  
*Dr. Joris Ector, Leuven, BE*

17:30 Amyloidosis  
*Dr. Katarina Van Beumen, Gent, BE*

17:45 Hypertrophic cardiomyopathy  
*Dr. Marko Gujic, Charleroi, BE*

18:00 Catecholaminergic polymorphic ventricular tachycardia  
*Dr. Clara François, Brugge, BE*

### 19:00 Evening Symposium (Africa Museum): Optimal Heart Failure treatment addressing cardiomyopathies and arrhythmias management: Integration of pharmacotherapy and medical devices

Details of the Evening Symposium behind

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 arrhythmic patients.

More Info:



bhrm.be

### Programme Committee

Dr Ivan Blankoff  
Dr Marnix Goethals  
Dr Sébastien Knecht  
Dr Georges H. Mairesse  
Dr Hugo Van Herendael  
Dr Johan Vijgen

### Organising Secretariat



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# Thursday 14<sup>th</sup>

November 2024

18:20 Meeting at lobby of the Sheraton  
Transfer to the **Africa Museum**

## Evening Symposium

**Optimal Heart Failure treatment addressing cardiomyopathies and arrhythmias management: Integration of pharmacotherapy and medical devices**

19:00 *Welcome cocktail*

19:40 Introduction  
*Dr. Georges H. Mairesse, Arlon, BE*

19:45 Newly diagnosed HF<sub>rEF</sub> - When is the right time for GRMT and how to achieve guidelines recommended target dosages?  
*Prof. Frederik H. Verbrugge, Brussels, BE*

20:00 Newly diagnosed HF<sub>rEF</sub> - when is the right time for (which) device therapy?  
*Prof. Luca Santini, Rome, IT*

20:15 How to optimise CRT response for improved outcomes  
*Prof. Jean-Benoît Le Polain De Waroux, Bruges, BE*

20:30 Final remarks  
*Dr. Ivan Blankoff, Charleroi, BE*

20:40 *Dinner*

## Accreditation

### CME credit points:

Thursday 14<sup>th</sup>: 7,5 points for cardiology and 1,5 points for economics/ethics

Friday 15<sup>th</sup>: 5,5 points for cardiology and 1,5 points for economics/ethics

### Radioprotection:

Friday 15<sup>th</sup>: 2 hours for cardiologists, radiologists and connexists



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# Friday 15<sup>th</sup>

November 2024

**Session 7: Cost effectiveness of arrhythmias management: Loop recorders, Telemonitoring, Leadless pacemakers**

**Chairs:** *Dr. Ivan Blankoff and Dr. Wim Anné*

08:30 Implantable loop recorders  
*Prof. Christophe Scavée, Brussels, BE*

09:00 Telemonitoring  
*Dr. Pieter Vandervoort, Genk, BE*

09:30 Leadless pacemaker: where do we stand?  
*Prof. Christophe Garweg, Leuven, BE*

**Session 8: Sports, extrasystoles and arrhythmias**

**Chairs:** *Dr. Philippe Evrard and Dr. Michael Wolf*

10:00 Sports: when to authorize?  
*Dr. Guido Claessen, Hasselt, BE*

10:30 Extrasystoles: when to worry?  
*Prof. Christian de Chillou, Nancy, FR*

11:00 *Coffee Break and Moderated posters session on "More about AF ablation"*  
**Chair:** *Prof. Jean-Benoît Le Polain de Waroux*

**Session 9: Ablation of Persistent or long-persistent AF: Predictors of success, alternative management, pace and ablate the AV Node**

**Chairs:** *Dr. Hugo Van Herendael and Dr. Jean Manuel Herzet*

11:45 Predictors of maintenance of sinus rhythm after ablation  
*Dr. Henri Gruwez, Leuven, BE*

12:15 Pro AF ablation: why and how do you maintain sinus rhythm in persistent AF  
*Prof. Helmut Pürerfellner, Linz, AU*

12:30 Contra AF ablation: why, how and when do you go for a pace and ablate strategy  
*Prof. Anja Zupan Meznar, Ljubljana, SL*

12:45 Rebuttal

13:00 **Lunch - ECG Contest (Room Satellite 4)**

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**Session 10: What is really happening in the lab? Video demonstrations of different recent pacing or EP procedures**

**Chairs:** *Dr. Pieter Koopman and Dr. Antoine de Meester*

14:00 Conduction system pacing  
*Dr. Cynthia Barbraud, Liège, BE*

14:20 SICD implantation  
*Dr. Caroline Lepière, Jolimont, BE*

14:40 Pulse field ablation  
*Dr. Tom De Potter, Aalst, BE*

15:00 Vein of Marshall ethanol infusion  
*Dr. Sébastien Knecht, Brugge, BE*

15:20 *Coffee Break*

**Session 11: Radioprotection**

**Chairs:** *Dr. Marnix Goethals and Dr. Peter Goethals*

16:00 Optimizing radioprotection: an interactive update  
*Prof. Klaus Bacher, Gent, BE*

16:30 Changes in the lead shielding policy to reduce radiation to the patient  
*Dr. Liesbeth Eloot, Brussels, BE*

17:00 The GUCH patient: how to prepare for an ablation to reduce radiation?  
*Dr. Christophe Vò, Brussels, BE*

17:30 Optimization of fluoroscopy by applying new imaging and mapping technology  
*Prof. Gezim Bala, Brussels, BE*

**Session 12: ECG Courses**

16:00 ECG Course in NL (**Room Satellite 3**)  
*Dr. Frank Provenier, Gent, BE*  
*Dr. Ben Corteville, Gent, BE*

ECG Course in FR (**Room Satellite 4**)  
*Dr. Caroline Lepière, Jolimont, BE*  
*Prof. J-B Le Polain de Waroux, Brugge, BE*

18:00 Final remarks

The Belgian Heart Rhythm Association would like to thank the following partners for providing support that contributes to the overall quality of the congress:

## Platinum Sponsor



## Gold Sponsors



The Evening Symposium is organised thanks to the support of:



The ECG course is organised thanks to an educational grant from:



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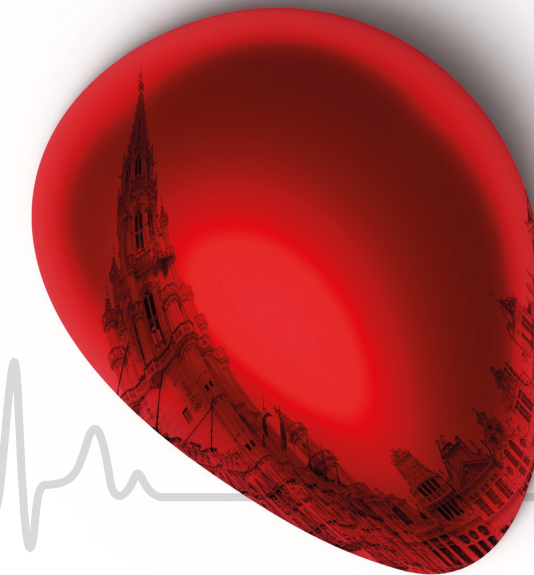
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# 18<sup>th</sup>

## BELGIAN HEART RHYTHM MEETING

Arrhythmias for every Cardiologist

**14-15 November**

Sheraton Brussels Airport Hotel

# 2024



**BHRM**

Belgian Heart Rhythm Meeting

[www.bhrm.be](http://www.bhrm.be)