

6th International Symposium on Advances in Arrhythmias



Wereldmuseum Rotterdam

Rotterdam, The Netherlands, February 6-8, 2013

6th International Symposium

INTRODUCTION

This symposium is intended for all those who are confronted during their daily practice with cardiac patients suffering from disabling or life-threatening arrhythmias or conduction disturbances, or heart failure aggravated by these conditions.

Since the 90's clinical electrophysiology has seen an amazing development. After introduction of radiofrequency (RF) ablation, new imaging and mapping techniques have emerged. Accessory pathways, AV nodal re-entrant tachycardia and ventricular arrhythmias can all be effectively ablated. We have paid a lot of attention to therapy modalities with a better profile than RF: cryotherapy is one example, which makes AV block in AVNRT non-existent...

Atrial fibrillation remains the major problem in clinical arrhythmology: after the major trials on rate and rhythm control, strategic decisions remain as difficult as ever. The fact that thrombo-embolic complications occur with both strategies implies that anti-coagulation remains a very important topic. New strategies have emerged in this area as well and are now introduced, making frequent blood check-ups no longer necessary. Catheter ablation, with pulmonary vein isolation is one of the cornerstones of effective treatment for paroxysmal AF.

ICD technology, with improving detection algorithms, painless therapy and combined with multisite pacing finds broader applications. Prophylactic implantation is now established with subcutaneous, "lead-less" approaches as a new possibility. Risk profiling remains important; avoiding implantation in patients who would not benefit is another item to be considered. Attention will be given to the genetic background, anti-arrhythmic drug therapy and follow-up of patients with heart failure and complex arrhythmias.

Course director:

L.J.L.M. Jordaens (Rotterdam, NL)

R.E. Bhagwandien (Rotterdam, NL)

N.A. Blom (Leiden, NL)

L.V.A. Boersma (Nieuwegein, NL)

Co-directors:

N.M.S. de Groot (Rotterdam, NL)

M. Chauvin (Strasbourg, FR)

T. Szili-Torok (Rotterdam, NL)

G.B. Chierchia (Brussel, BE)

D.A.M.J. Theuns (Rotterdam, NL)

L. Dabiri Abkenari (Rotterdam, NL)

M. Duytschaever (Gent, BE)

P.A. Janse (Rotterdam, NL)

Invited Faculty:

Y.L.E. van Belle (Luik, BE)

J.A.E. Kammeraad (Rotterdam, NL)

C.R. Bezzina (Amsterdam, NL)

J. Kautzner (Prague, CZ)

Ch. Kirchhof (Leiderdorp, NL)

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D. Klug (Lille, FR)
S. Knecht (Brussel, BE)
W.C. Levy (Seattle, US)
Th. Lewalter (Bonn, DE)
C. Linde (Stockholm, SE)
E.T. Locati (Milan, IT)
P. Loh (Utrecht, NL)
A.H. Maass (Groningen, NL)
S. van Malderen (Rotterdam, NL)
M. La Meir (Brussel, BE,
Maastricht, NL)
N.M.A. van Mieghem (Rotterdam, NL)
A.F.M. Moorman (Amsterdam, NL)
L.R.A. Olde Nordkamp
(Amsterdam, NL)
M.F. Scholten (Enschede, NL)
T. Smith (Rotterdam, NL)
S.A.I.P. Trines (Leiden, NL)
K. Zeppenfeld (Leiden, NL)

Venue:

Wereldmuseum Rotterdam
Willemskade 25
3016 DM Rotterdam

Registration fee:

€ 380,= (early registration)
€ 400,= (registration after
December 1, 2012)

Cancellation:

Should you need to cancel after
January 15, 2013, a cancellation
fee of €100,= will be withheld from
your refund.

Organising secretariat/general information/scientific program and sponsorship information:

Mrs. A. Orgers
Erasmus MC Rotterdam
Thoraxcenter, Room BD 589
's-Gravendijkwal 230
3015 CE Rotterdam
Phone: +31-10-7035244
E-mail: a.orgers@erasmusmc.nl

Continuing Medical Education

Certificates confirming registration
and participation will be available.
Cardiologists should contact their
national societies to inquire about
the possibility of obtaining CME
credits through their attendance at
the course.

Website

Consult our website for updated
information on the course:
<http://heartrhythm.eu/>

Sponsored by:

Biotronik Nederland B.V.



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Wednesday, February 6, 2013

12.00 – 13.00 Lunch and Registration

13.00 – 13.10 Welcome, opening remarks and general information
L. Jordaens (Rotterdam, NL)

Session: New technology for AF ablation

**Chairmen: M. Duytschaever (Gent, BE)
S. Trines (Leiden, NL)**

13.10 – 13.30 New techniques to map AF
Y. Van Belle (Luik, BE)

13.30 – 13.50 New techniques to ablate AF
R. Bhagwandien (Rotterdam, NL)

13.50 – 14.10 The “Leiden” Experience
S. Trines (Leiden, NL)

14.10 – 14.30 More than PVI: a stepwise approach
T. Szili-Torok (Rotterdam, NL)

14.30 – 14.50 Long term results of AF ablation
M. Duytschaever (Gent, BE)

14.50 – 15.30 Coffee Break

Session: AF: cardioversion, anticoagulation, guidelines

**Chairmen: L. Jordaens (Rotterdam, NL)
M. Scholten (Enschede, NL)**

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Wednesday, February 6, 2013

- 15.30 – 15.50** **Continued anticoagulation during ablation**
M. Scholten (Enschede, NL)
- 15.50 – 16.10** **New AAD for cardioversion**
Ch. Kirchhof (Leiderdorp, NL)
- 16.10 – 16.30** **CHADS-II in accessing the risk for left atrial thrombi**
P. Janse (Rotterdam, NL)
- 16.30 – 16.50** **Outcome of real world cardioversion (Euroheart Survey)**
To be determined
- 16.50 – 17.10** **Rationale for closing the left atrial auriculum**
Th. Lewalter (Bonn, DE)

Session: Debates on Ablation

- Chairmen:** **P. Loh (Utrecht, NL)**
 L. Boersma (Nieuwegein, NL)
- 17.10 – 17.30** **AF: in defence of the cryoballoon**
G.B. Chiercia (Brussel, BE)
- 17.30 – 17.50** **AF: in defence of intelligent radio frequency**
L. Boersma (Nieuwegein, NL)
- 17.50 – 18.10** **VT: in defence of imaging guided mapping**
K. Zeppenfeld (Leiden, NL)

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Wednesday, February 6, 2013

18.10 – 18.30 **VT: in defence of “old fashioned” mapping**

P. Loh (Utrecht, NL)

19.00 – 21.00 **Dinner Discussions**

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Thursday, February 7, 2013

Session: Ventricular Arrhythmias I

Chairmen: **K. Zeppenfeld (Leiden, NL)**
L. Jordaens (Rotterdam, NL)

09.00 – 09.20 **The spectrum of ventricular arrhythmias**

L. Jordaens (Rotterdam, NL)

09.20 – 09.40 **New ECG signs indicating high risk for sudden death**

S. Knecht (Brussel, BE)

09.40 – 10.00 **New findings in the Brugada syndrome**

S. van Malderen (Rotterdam, NL)

10.00 – 10.20 **New markers for sudden death on Holter**

E. Locati (Milan, IT)

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10.20 – 10.40 **Genetic basis of ventricular fibrillation**
C.R. Bezzina (Amsterdam, NL)

10.40 – 11.00 **Coffee Break**

Session: Ventricular Arrhythmias II

Chairmen: **L. Jordaens (Rotterdam, NL)**
 J. Kautzner (Prague, CZ)

Live case from the Thoraxcenter

11.00 – 12.00 **Live Case on VT**
T. Szili-Torok
N. de Groot

12.00 – 13.00 **Special Lecture**
Randomized studies on VT ablation
J. Kautzner (Prague, CZ)

13.00 – 14.00 **Lunch**

Session: New studies for prophylactic ICD

Chairmen: **L. Jordaens (Rotterdam, NL)**
 D. Klug (Lille, FR)

14.00 – 14.20 **Design of a prospective cohort study with a double chamber ICD**
L. Dabiri Abkenari (Rotterdam, NL)

14.20 – 14.40 **Design of a prospective trial with the S-ICD**
L. Olde Nordkamp (Amsterdam, NL)

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14.40 – 15.00 **Cost efficacy of prophylactic ICD's**
T. Smith (Rotterdam, NL)

15.00 – 15.20 **Management of a lead failure**
D. Theuns (Rotterdam, NL)

15.20 – 15.50 **Experience with device extraction
and device infection**
D. Klug (Lille, FR)

Live case from the Thoraxcenter

16.00 – 16.30 **Live Case from the Thoraxcenter
SQ-ICD**
L. Dabiri Abkenari

16.30 – 17.00 **Coffee break**

Session: Risk Assessment in ICD Patients

Chairmen: **D. Theuns (Rotterdam, NL)**
W. Levy (Seattle, US)

17.00 – 17.35 **Advanced risk estimation before
ICD implantation**
D. Theuns (Rotterdam, NL)
W. Levy (Seattle, US)

17.35 – 18.00 **Panel Discussion**

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Friday-February 8, 2013

Session: Pediatric and Congenital Heart Disease

Chairmen: N. de Groot (Rotterdam, NL)
M. Chauvin (Strasbourg, FR)

08.30 – 08.50 AV-block after aortic valve surgery and after TAVI

N. van Mieghem (Rotterdam, NL)

08.50 – 09.10 The basis of congenital heart disease: the 9 first months of life

A. Moorman (Amsterdam, NL)

09.10 – 09.30 Supraventricular arrhythmias in the first year of life.

J. Kammeraad (Rotterdam, NL)

09.30 – 09.50 Device therapy in congenital heart disease: indications and complications

N. Blom (Leiden, NL)

09.50 – 10.10 The pathology of arrhythmias in congenital heart disease

M. Chauvin (Strasbourg, FR)

10.10 – 10.30 Coffee Break

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Friday-February 8, 2013

Session: CRT and Heart Failure

Chairmen: M. Chauvin (Strasbourg, FR)
L. Jordaens (Rotterdam, NL)

10.30 – 10.50 The French experience with CRT-D versus CRT-P
D. Klug (Lille, FR)

10.50 – 11.10 Clinical decision making before, during, and after CRT: the Groningen experience
A. Maass (Groningen, NL)

11.10 – 11.30 A surgical vision of resynchronisation
M. La Meir (Maastricht, NL, Brussel, BE)

11.30 – 12.20 Special Lecture
Prognostic indications for response in CRT
C. Linde (Stockholm, SE)

12.20 – 13.00 Lunch Presentation
Quest for the arrhythmogenic substrate of atrial fibrillation (Quasar)
N. de Groot (Rotterdam, NL)

13.00 Adjourn – L. Jordaens (Rotterdam, NL)

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Registration Card

6th International Symposium on Advances in Arrhythmias, Rotterdam, The Netherlands, February 6-8, 2013

- Yes, I would like to register

First/Middle/Last name: _____

Institution/Company: _____

Address: _____

City: _____

State: _____

Zip Code: _____

Country: _____

Telephone: _____

Fax: _____

E-mail address: _____

Early registration

€ 380,=

Registration after December 1, 2012

€ 400,=

- Yes, I will attend the dinner on Wednesday evening

Diet wishes: _____

Cancellation

Should you need to cancel after January 15, 2013, a cancellation fee of € 100,= will be withheld from your refund.

The total amount can be paid as follows:

Bank transfer

Eurocard/Mastercard

Visa

American Express

Card number: _____

CVC code: _____

Expiry date: _____

Cardholder's Name: _____

Signature: _____

The number of places is limited therefore early registration is advised

