



RHYTHM 2019



10th Congress Edition

OCTOBER

17-18

NICE

PROGRAM

Hyatt Regency Nice
PALAIS DE LA MÉDITERRANÉE

Arrhythmias & Heart Failure
New Insights & Technological Advances

www.rhythmcongress.com

Congress directors

Jean-Paul Albenque

Clément Bars

Davide Castagno

Pierre Fiorello

Fiorenzo Gaita

Franck Halimi

Julien Seitz

Jérôme Taieb



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Frédéric Treguer, Angers, France
Xavier Waintraub, Paris, France



RHYTHM 2019 has been accredited by 12 CME credits by the EBAC (except sponsored symposia)



Dear friends and colleagues,

We are pleased to welcome you in Nice for the 2019 edition of RHYTHM. Thursdays sessions will focus on energies & devices for AF ablation, AF trials, persistent AF ablation, atrial tachycardias & ablation in congenital heart disease. On Friday, you will get the latest updates on devices, genetics and ablation techniques for VT and VF. Join us on Friday for the paramedical session and the clinical cases, both held in French. Symposia are also scheduled every day to present industry results and latest news. Do not hesitate to attend and do not forget to visit the exhibition. We hope you will enjoy these two days,

The RHYTHM Congress Directors

Jean-Paul Albenque, Clément Bars, Davide Castagno, Pierre Fiorello, Fiorenzo Gaita, Franck Halimi, Julien Seitz, Jérôme Taieb.

SYNOPTIC

THURSDAY PLENARY

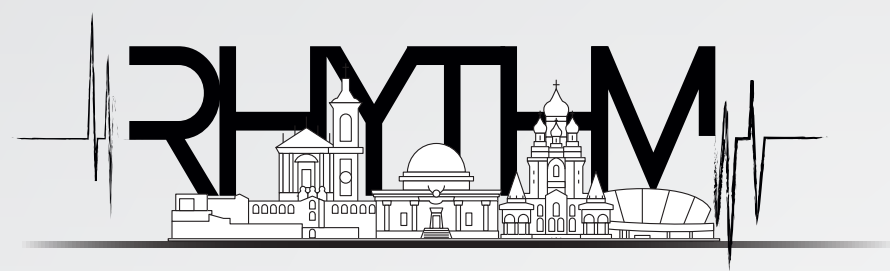
07:30	REGISTRATION AND WELCOME COFFEE
08:00	Tribute to André Pisapia
08:10	Energies for AF ablation
10:00	AF ablation: back to the future
11:00	COFFEE BREAK
11:30	Symposium
12:30	ATrial tachycardias
13:10	LUNCH
14:10	Strategies for persistent AF ablation
15:35	Symposium
16:35	COFFEE BREAK
17:00	Ablation in children and adult congenital heart disease
18:20	Adjournment

FRIDAY PLENARY SALON CHARLESTON

08:00	REGISTRATION AND WELCOME COFFEE
08:30	How to localize the critical isthmus in VT ablation
09:50	Symposium
10:50	COFFEE BREAK
11:20	Management of life-threatening arrhythmias
12:40	LUNCH
13:40	Practical VT ablation cases with high density mapping
15:00	ICD, pacemaker: what's new?
16:00	COFFEE BREAK
16:30	Remote monitoring: a new era in France
17:30	Adjournment

08:30	REGISTRATION AND WELCOME COFFEE
09:00	Session paramédicale Base de l'électrophysiologie
10:30	COFFEE BREAK
11:00	Session paramédicale Le bloc opératoire
13:00	LUNCH
14:00	Cas cliniques de rythmologie didactique
16:00	Adjournment

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THURSDAY 17

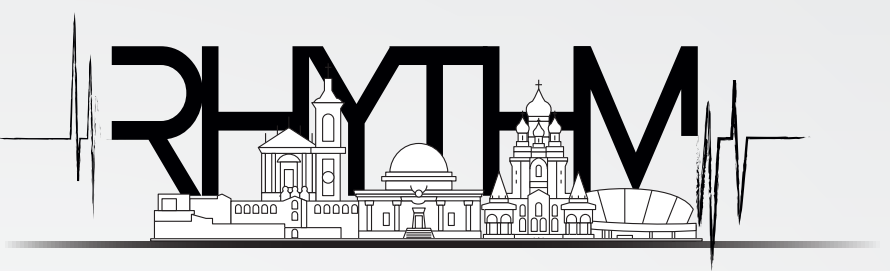
07:30 Welcome coffee

- 08:00 Tribute to André Pisapia
- 08:10 **ENERGIES AND DEVICES FOR AF ABLATION**
Moderator: Julien Seitz, Hervé Poty
- 08:10 Ultra low temperature cryoablation. Tom De Potter
- 08:30 Electroporation: a new énergie for AF ablation / oesophageal deviation. Vivek Reddy
- 08:50 High power RF. Agustin Bortone
- 09:05 High power RF. Isabel Deisenhofer
- 09:20 Ethanol: the Japanese experience. Kaoru Okhishige
- 09:40 Discussion - Diamond catheter: my experience. Hervé Poty
- 10:00 **AF ABLATION: BACK TO THE FUTURE**
Moderators: Jaap Jan Smit, Christian de Chillou
- 10:00 History of AF ablation (lecture) Fiorenzo Gaita
- 10:20 Is star af2 the end of the story? Antony Chu
- 10:40 Cabana and castle AF: what consequences on the future of AF ablation? Seth Goldbarg

11:00 Coffee break

- 11:30 Industry symposium.
- 12:30 **ATRIAL TACHYCARDIAS**
Moderators: Sharad Agarwal, Jérôme Horvilleur
- 12:30 AT and AF two faces of the same coin? Edouard Gitenay
- 12:50 How do I ablate AT: practical cases presentation Guillaume Theodore

13:10 Lunch

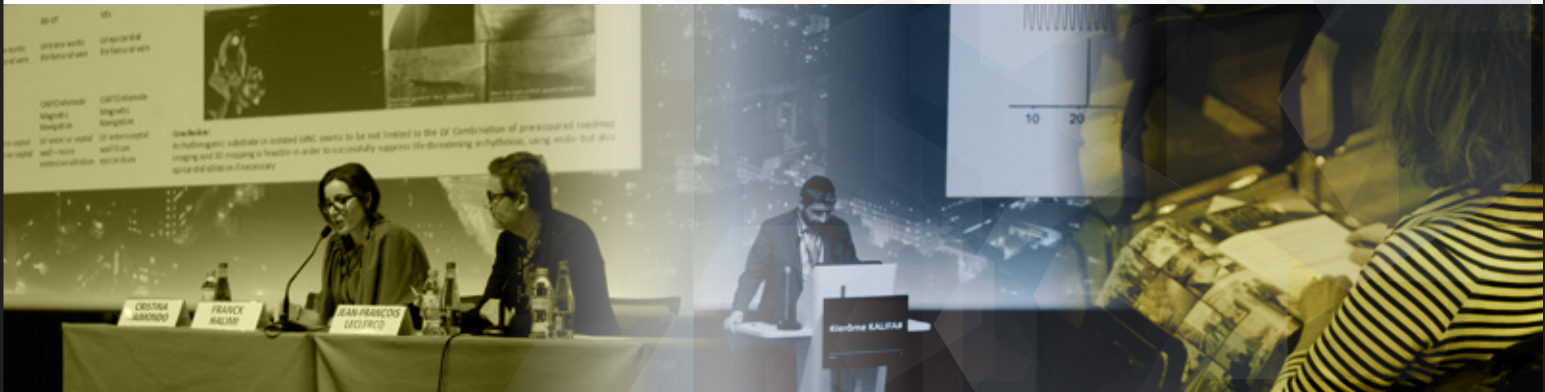


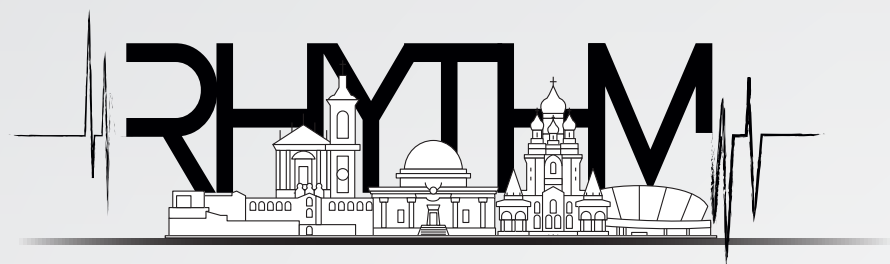
- 14:10 **STRATEGIES FOR PERSISTENT AF ABLATION**
Moderators: Isabel Deisenhofer, Tom de Potter, Clément Bars
- 14:10 Anatomical approach: radiofrequency and ethanol. Thomas Pambrun
- 14:30 Patient-tailored approach: EGM - based ablation (Low voltage fractionation dispersion) Amir Jadidi
- 14:50 Anatomical approach: cryoablation. Serge Boveda
- 15:10 Patient-tailored approach: EGM - based ablation guided by artificial intelligence. Théophile Mohr-Durdez, Jean-Paul Albenque
- 15:35 Industry symposium.

16:35 Coffee Break

- 17:00 **ABLATION IN CHILDREN AND ADULT CONGENITAL HEART DISEASE**
Moderators: Guillaume Duthoit, Nicolas Combes
- 17:00 Ablation in children with low weight. Alice Maltret
- 17:20 Ventricular tachycardia ablation in congenital heart disease. Nicolas Combes
- 17:40 New tools for mapping of complex supraventricular arrhythmia in congenital heart disease. Javier Moreno
- 18:00 Arrhythmias in grown up congenital heart disease. Guillaume Duthoit

18:20 Adjournment





FRIDAY 18

08:00 Welcome coffee

08:30 HOW TO LOCALIZE THE CRITICAL ISTHMUS IN VT ABLATION

Moderator: Franck Halimi

08:30 Electrophysiological characteristics of arrhythmogenic scars. **Fiorenzo Gaita**

08:50 Using imaging. **Alberto Battaglia**

09:10 Using endo/epi mapping. **Felipe Atienza**

09:30 Using pace-mapping. **Christian de Chillou**

09:50 Industry symposium.

10:50 Coffee Break

11:20 MANAGEMENT OF LIFE-THREATENING ARRHYTHMIAS

Moderators: Fiorenzo Gaita, Christian de Chillou

11:20 How to manage an electrical storm. **Xavier Waintraub**

11:40 VF mapping and ablation. **Giuseppe Ciconte**

12:00 Sudden unexplained death and genetics : the very last guidelines. **Philippe CHARRON**

12:20 Substrate ablation in patient with Brugada Syndrome. **Giuseppe Ciconte**

12:40 Lunch

13:40 PRACTICAL VT ABLATION CASES WITH HIGH DENSITY MAPPING

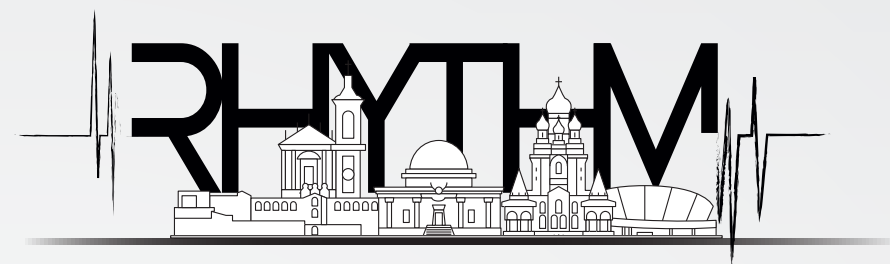
Moderators: Pierre Fiorello, Robert Frank

13:40 With HD grid. **Bertrand Pierre**

14:00 With rhythmia. **Philippe Maury**

14:20 With pentarray. **Raphaël Martins**

14:40 Round table with speakers and moderators.



15:00 ICD, PACEMAKER: WHAT'S NEW?

Moderator: Davide Castagno

15:00 Should we interrupt DOA before implanting pacemaker, ICD, loop recorder?

Walid Amara

15:20 Standard care pathway to perform MRI in patients implanted with MRI compatible pacemaker or ICD **Jérôme Taieb**

15:40 Resynchronisation with parahisian stimulation. **Sithi Bun**

16:00 Coffee Break

16:30 REMOTE MONITORING: A NEW ERA IN FRANCE

Moderators: Jérôme Taieb, Patrick Jourdain

16:30 ETAPE program: a French new era. **Patrick Jourdain**

16:50 Artificial intelligence. **Arnaud Rosier**

17:10 Centre experience after reimbursement. **Benjamin Gal**

17:30 Adjournment



VENDREDI 18

SESSIONS PARALLELES

08:30 Café d'accueil

09:00 SESSION PARAMÉDICALE - BASE DE L'ÉLECTROPHYSIOLOGIE

Modérateurs: Jérôme Taieb, Clément Bars

09:00 L'anatomie cardiaque vue par le rythmologue. **Duc DANG**

09:20 De l'ECG de surface à l'EGM endocavitaire : Flutter commun. **Philippe Ricard**

09:40 De l'ECG de surface à l'EGM endocavitaire : Flutter gauche. **Clément Bars**

10:00 De l'ECG de surface à l'EGM endocavitaire : Tachycardie jonctionnelle. **Sithi Bun**

10:20 Quizz. **Fabien Squara**

10:30 Pause café

11:00 SESSION PARAMÉDICALE - LE BLOC OPÉRATOIRE.

Modérateurs: Jérôme Taieb, Sithi Bun

11:00 Implantation d'un DAI multisite : notre protocole opératoire.

Laure Boeda, Sonia Smati, Jérôme Taieb

11:20 DAI sous cutanée : notre protocole opératoire sans anesthésie générale. **Rim El Bouazzaoui**

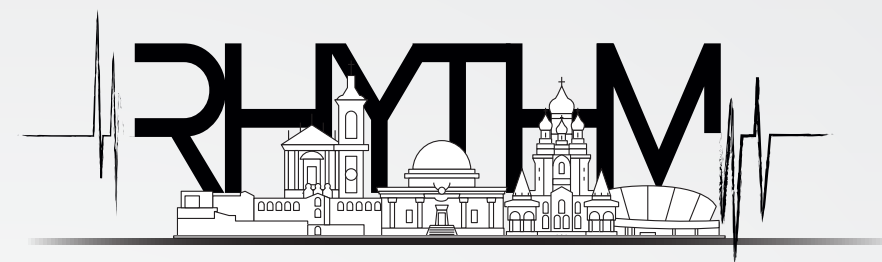
11:40 Gérer les complications de l'ablation. **Camille Strube**

12:00 4 ablations de FA en 1 journée, organisation paramédicale. **Guillaume Theodore**

12:20 Ablation de FA paroxystique et persistante par cryothérapie. **Agathe Jung, Frédéric Treguer**

12:40 Ablation de FA persistante en 2019. **Valérie Chaton, Stéphane Combes**

13:00 Déjeuner



14:00 CAS CLINIQUES DE RYTHMOLOGIE DIDACTIQUE

Modérateurs: Benoit Guy Moyat, Stéphane Combes

14:00 Cas clinique n°1

14:20 Cas clinique n°2

14:40 Cas clinique n°3

15:00 Cas clinique n°4

15:20 Cas clinique n°5

15:40 Cas clinique n°6

16:00 Fin du congrès

Get on www.rhythmcongress.com after the congress to view and review all authorized presentations and to download your certificate of attendance.

SYMPOSIA

THURSDAY 17

11:30 **A NEW LOOK ON SVT ABLATION**  **Abbott**
12:30 HD mapping in the atrium. **Franck Halimi**
 Exclusive 3-D system guided ablation procedures. **Pierre Fiorello**
 AF ablation evolution with higher power settings. **Alexis Durand-Dubief**

15:35 **HEARTLIGHT SYSTEM: A NEW LASER BALLOON TECHNOLOGY**  **MicroPort CRM**
16:35 **IN AF ABLATION**
Moderators: **Sithi Bun, Jean-Paul Albenque**
 A new energy to isolate the veins : why laser can be useful, **Antoine Sellal**
 A new technology to treat paroxysmic as well as persistent atrial fibrillation, **Jean-Marie Schmidt**
 Live in box : video case from Aalst, **Tom De Potter**

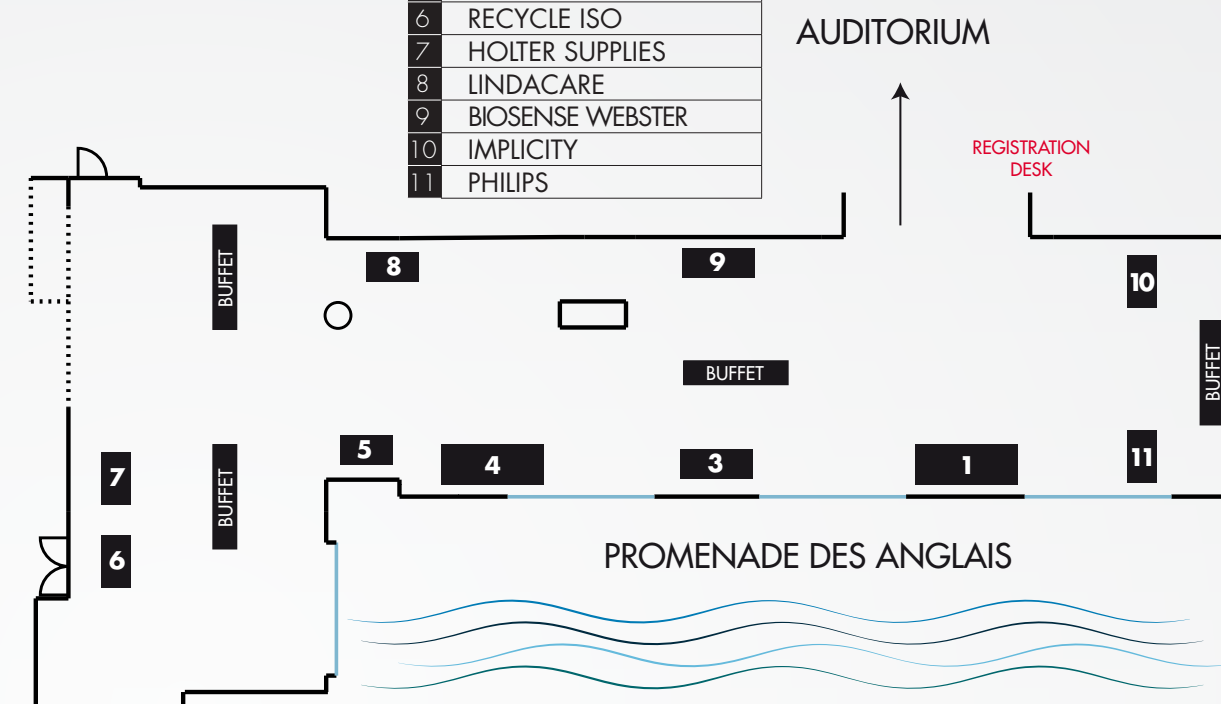
FRIDAY 18

09:50 **BENEFITS OF PATIENT-TAILORED VT ABLATION**  **Abbott**
10:50 PVC arising from the LV summit. **Frédéric Franceschi**
 Optimization of automated 3D mapping. **Xavier Waintraub**
 Image integration for complex ablation. **Francis Bessiere**

EXHIBITION HALL

EXHIBITION HOURS
Thursday 17 07:30 - 18:30
Friday 18 08:00 - 17:30

1	ABBOTT
3	MEDTRONIC
4	MICROPORT
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References

- ¹ False positive rate comparison. Medtronic data on file. 2016.
- ² Medtronic Reveal Publications. Medtronic data on file. 2016.

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Parce que **votre santé** compte autant
que celle de **vos patients**

La technologie CARTO SMARTTOUCH™ ¹ aide à minimiser l'exposition aux rayons X en réduisant la DURÉE et la DOSE DE FLUOROSCOPIE lors de l'ablation par radiofréquence de la fibrillation atriale paroxystique.⁴



Une procédure
d'ablation de la
fibrillation atriale
expose un patient à l'équivalent de
830 radiographies du thorax²



1/3 des
rythmologues
rapportent s'être
absentés du travail en raison de
problèmes de colonne vertébrale³



1/100
Rythmologue
développera un cancer malgré
des protections appropriées²

Dans une étude, les veines pulmonaires de **277 patients** atteints de fibrillation atriale paroxystique ont été isolées avec une exposition aux rayons X de moins de 1 minute en utilisant la technologie CARTO SMARTTOUCH™ ^{1,4}

Durée moyenne de
l'intervention
< 2 heures



<1 MIN
d'exposition
aux rayons X⁴



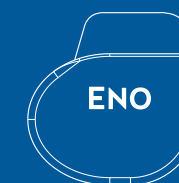
1. La technologie CARTO SMARTTOUCH™ = utilisation du cathéter SMARTTOUCH™ avec l'information de la force de contact et du système CARTO® 2. Picano E et al. (2014) Risks Related To Fluoroscopy Radiation Associated With Electrophysiology Procedures. J Atr Fibrillation 7 (2): 1044. Les rythmologues expérimentés ont un taux élevé d'exposition cumulative aux radiations. 3. Goldstein et al. (2004) Occupational hazards of interventional cardiologists: prevalence of orthopedic health problems in contemporary practice. CatheterCardiovasc Interv 63 (4): 407-411. 4. Osorio J et al. (2017) Efficiency and predictability in paroxysmal atrial fibrillation ablation with contact force catheter and stability module integration. Europace 19 (Supplement 3): iii371. Dispositif médical (CE2797). Avant toute utilisation, consulter la notice d'instruction. SMARTTOUCH™ et CARTO® sont des marques de Johnson & Johnson Medical SAS, 1 rue Camille Desmoulins, Issy-Les-Moulineaux Cedex 9. RCS Nanterre B 612 030 619. Document réservé à l'usage des professionnels de santé. FR-APR-19-07-42 Juillet 2019. ©Johnson & Johnson Medical SAS 2019



Cardiologie interventionnelle



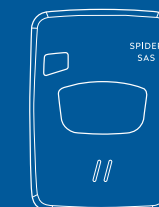
Stimulation cardiaque¹



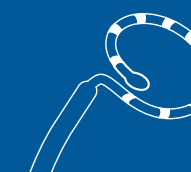
Défibrillation et
Resynchronisation cardiaque¹



Holter polygraphe¹



Electrophysiologie



¹Fabriqués en Europe par MicroPort CRM

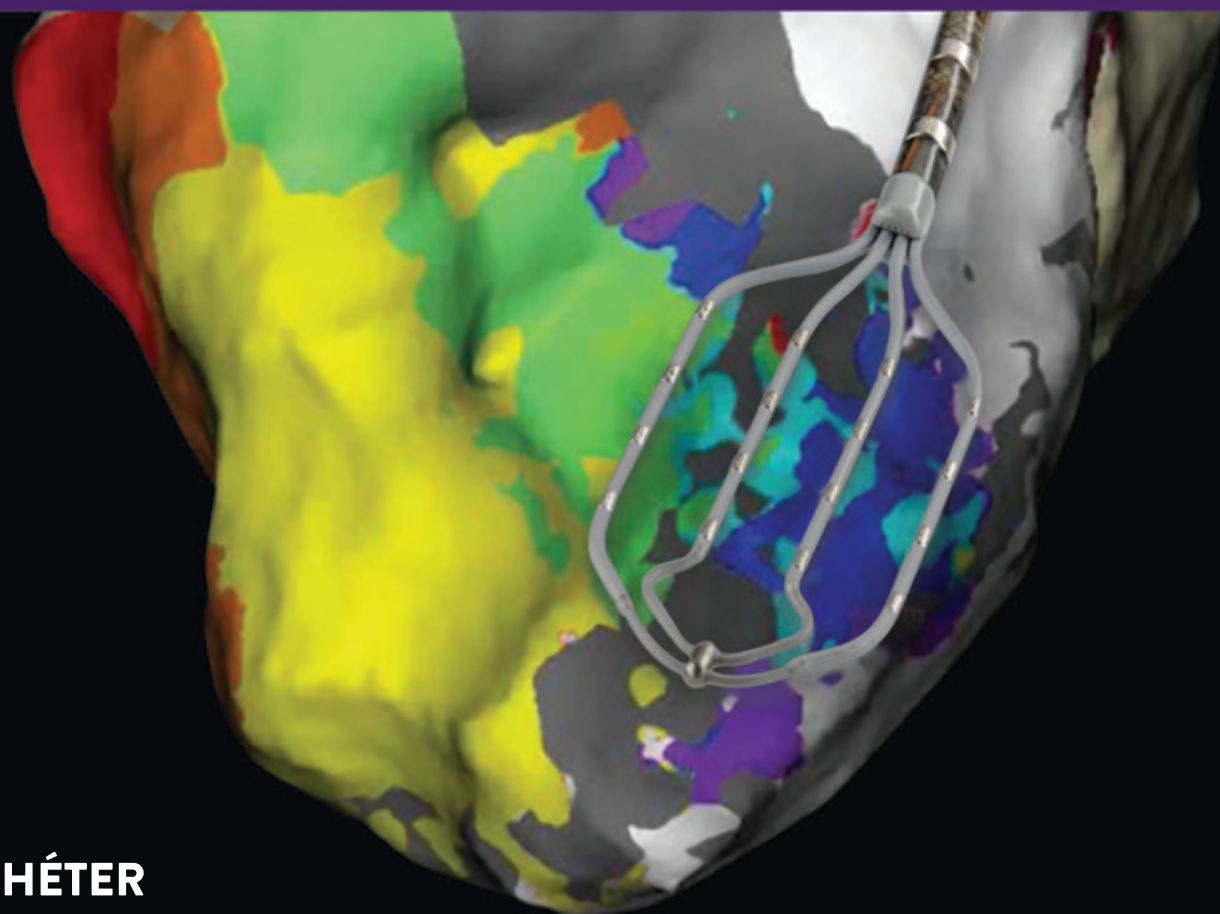
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13, promenade des Anglais - 06 000 Nice



HOTELS

Le Méridien
3min walk
1 prom. des anglais, 06000 Nice



OFFICIAL DINNER

Plage Beau Rivage
Thursday, October 17 - 20:00 till midnight

Participation fees: 70€ VAT incl. per person
Welcoming drink / standing dinner
Dress code: casual chic

REGISTRATION & INFORMATION DESK

Thursday 17..... 07:30 – 18:30
Friday 18 08:00 – 17:30

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