

DIPEN SHAH, MD

CURRICULUM VITAE

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CURRICULUM VITAE

1. DONNÉES PERSONNELLES

Nom, prénom(s)	SHAH Dipen Chandrakant
Date de naissance	16 août 1963
Nationalité	Indien
Etat civil	Marié
Enfant	1
Adresse personnelle	Avenue Gaspard-Valette 12, 1206 Genève, Suisse.
Adresse professionnelle	Service de Cardiologie, Hôpital Cantonal Universitaire de Genève, Rue Gabrielle-Perret-Gentil 4; 1211 Genève 14. E-mail: dipen.shah@hcuge.ch ; tél: +41 22 372 71 97; fax: +41 22 372 72 29.

2. POSITION ACTUELLE

- Médecin adjoint agrégé.
Responsable de l'Unité d'Electrophysiologie
- Professeur associé
Faculté de Médecine, Université de Genève

3. DIPLOMES OBTENUS

Titre / affiliation	Année	Classes	Sujet
Diplôme d'Expert en Radioprotection	2007		
Privat Docent	2006		
Cardiologue Européen	2000	-	Cardiologie
Diplôme de formation spécialisée (Université of Bordeaux II)	2000	-	Pathologie cardiovasculaire
Certificat de Diplômé de la Commission Nationale (National Board of Examinations, India)	1992	-	Cardiologie
Docteur en Médecine (M.D.) (B.J. Medical College, Gujarat Univ.)	1988	1 st class, Ranked 2 nd in the University	Médecine générale et thérapeutique
M.B.B.S. (B.J. Medical College, Gujarat Univ.)	1984	1 st class	

4. FORMATIONS DEPUIS LA MATURITÉ (PRÉ-GRADUÉES)

- 1981 - 1985 *Formation de médecine de base - Inde*
Undergraduate courses in human Anatomy and Histology, Physiology, Biochemistry, Pathology, Pharmacology, Microbiology, Embryology, Forensic Medicine, Preventive and Social Medicine followed by clinical rotations in general Medicine, general Surgery and Obstetrics and Gynecology as well as subspecialty rotations at the B.J. Medical College, Ahmedabad, India
- 1985- 1986 *Stage d'apprentissage comme "médecin interne" en médecine communautaire (18 mois) - Inde*
18 months of undergraduate clinical apprenticeship ("Internship") in a hospital setting including 6 months at a village community health center (Pisawada, Gujarat state, India)
- 1986-1989 *Médecin assistant en médecine interne (12 mois) puis en sous-spécialités de médecine interne (Cardiologie, néphrologie, oncomédecine, etc.) (12 mois) - Inde*
Junior residency consisting of 12 months clinical clerkship in Internal Medicine and then another 12 month period within subspecialties of Internal Medicine (e.g. Cardiology, Nephrology, Oncomedicine etc.) at the B.J. Medical College, Ahmedabad, India
- Chef de Clinique en médecine interne (12 mois) puis chef de clinique responsable d'une sous-unité de médecine interne - Inde*
Senior residency for 12 months in Internal Medicine service, followed by a Registrar-ship after having completed the requirements for a MD qualification at the B.J. Medical College, Ahmedabad, India

5. ACTIVITES PROFESSIONNELLES (POST-GRADUEES)

Cardiologie Interventionnelle

De Décembre 1989 à mai 1995, à l'Hôpital Apollo, Chennai (anciennement Madras), Inde, tout d'abord comme Chef de clinique (*Senior Resident*) (décembre 1989 à janvier 1992) puis en tant que Cardiologue assistant (*Associate Consultant*) (février 1992 à mai 1995) – Inde, avec expérience dans les types de procédures suivantes :

- ◆ Echocardiographies transthoraciques et transoesophagiennes, chez des enfants et des adultes
- ◆ Cathétérismes cardiaques diagnostiques chez des adultes et des enfants, ainsi que chez des nourrissons souffrant de cardiopathie congénitale complexe cyanogène.
- ◆ Interventions pédiatriques :
 - Dilatation par cathéter à ballonnet des valves pulmonaires et aortiques, coarctations aortiques, sténoses des veines pulmonaires.
 - Fermeture de PDA et FOP par coils, « foam » ou autres dispositifs
 - Occlusion par coil de shunt systémique pulmonaire et colatérale aorto-pulmonaire.
- ◆ Interventions adultes :
 - Ponctions transseptales
 - Dilatation par cathéter à ballonnet des valves aortique, tricuspide et mitrale, coarctation aortique.

- Fermeture de PDA par coil ou « foam »
 - Dilatation de sténose des artères rénales
 - PTCA des coronaires et des pontages
 - Dilatation au ballon de sténose des artères périphériques
- ◆ Implantations de pacemakers à chambre simple ou double, temporaires et permanentes.

Electrophysiologie Interventionnelle

Assistant de recherche clinique en électrophysiologie cardiaque de juillet 1995 à décembre 2001 au Centre Hospitalier Universitaire de Bordeaux, Hôpital Haut-Lévêque, Avenue de Magellan, 33604 Pessac, France, Centre concentrant son activité aux ablations par cathéters de radiofréquence (700 ablations/an). Effectué environ 1000 ablations par radiofréquence pour tous types d'arythmies supraventriculaires et tachycardies ventriculaires, y compris plus de 100 ablations curatives de fibrillations auriculaires. Effectué des protocoles de recherches se concentrant sur les flutters auriculaires typique et atypique ainsi que sur l'ablation des fibrillations auriculaires.

6. ENSEIGNEMENT

18.06.02	CC Intégration 1 de l'Unité "Synthèse du Module 2"	2 heures
2.12.02	ARC, AMC de Médecine Interne 2002 / 2003	2h
9.12.02	ECG, AMC de Médecine Interne 2002 / 2003	2h
Déc. 2002	CC - UIDC, Cardiologie clinique 1, Introduction à la lecture systémique de l'ECG	2h
20.06.03	CC Intégration 1 de l'Unité "Synthèse du Module 2"	2 h
Juillet 03	Colloque de Médecine II : "Curative ablation of atrial fibrillation; how do we establish efficacy?"	1h
2003/2004	CC - Circulation 4, Module 2, Examen du cœur, Introduction à l'auscultation	2h
Déc 03 - fév 04	AMC de Médecine Interne Tutorial. Problème n° 1 : J'ai perdu connaissance	2h
Juin 03 sept04	AMC de Médecine Interne, tutorial. Problème n° 1, J'ai perdu connaissance	2h
Juin 2004	CC Intégration 1 de l'Unité "Synthèse du Module 2"	2h
Octobre 04	Colloque postgradué de médecine : "PV isolation for curative atrial fibrillation ablation"	1h
Novembre 04	Colloque du mardi : "Traitement curatif de la fibrillation auriculaire par cathéter"	1h
Novembre 04	SSMI formation postgraduée : "FA : prise en charge non-pharmacologique	1h
2004/2005	CC - UIDC, Cardiologie clinique 2, Auscultation cardiaque	1h

Déc 04 - fév 05	AMC de Médecine Interne Tutorial. Problème n° 1 : J'ai perdu connaissance	2h
Déc 04 - fév 05	AMC de Médecine Interne Tutorial. Problème n° 3 : Après l'infarctus	2h
Déc 05 - fév 06	AMC de Médecine Interne Tutorial. Problème n° 1 : J'ai perdu connaissance	2h
Déc 05 - fév 06	AMC de Médecine Interne Tutorial. Problème n° 3 : Après l'infarctus	2h
03.05.06	Colloque du mercredi : Arythmies : Physiopathologie, diagnostique et traitement des tachyarythmies	1h
11.05.06	Répétitoires des séminaires "Compétences cliniques" (Circulation)	2h
06.11.06	CC - UIDC, Cardiologie clinique 2, Auscultation cardiaque	1h
27.11.06	AMC de Médecine Interne Tutorial. Problème n° 1 : J'ai perdu connaissance	2h
01.12.06	AMC de Médecine Interne Tutorial. Problème n° 3 : Après l'infarctus	2h
19.03.07	CC - Unité Cœur et Circulation, Circulation 2, Examen du cœur, Introduction à l'auscultation	2h
16.04.07	CC - Unité Cœur et Circulation, Circulation 4, Examen du cœur, Introduction à l'auscultation	2h
29.05.07	Entraînement Examen par station CC	2h
3 et 26.10.07	CC - Unité Cœur et Circulation, Circulation 2, Examen du cœur, Introduction à l'auscultation	3h
24.10.07	Colloque du mardi (reporté au mercredi) : " ECG et Holter"	1h
19.11.07	AMC de Médecine Interne Tutorial. Problème n° 1 : J'ai perdu connaissance	2h
01.02.08	Colloque du mardi (reporté au vendredi) : "ECG et Holter"	1h
03.03.08	CC - Unité Cœur et Circulation, Circulation 2, Examen du cœur: anamnèse, inspection palpation	2h
31.03.08	CC - Unité Cœur et Circulation, Circulation 4, Examen du cœur: anamnèse, inspection palpation, introduction à l'auscultation	2h
19+23.05.08	Station formative 2 : Cardiologie – CC (Respiration) Préceptorat professionnel	4h
03.06.08	Colloque du mardi : " ECG et Holter"	1h
06.06.08	AMC de Médecine Interne Tutorial. Problème n° 3 : Après l'infarctus	2h
24.09.08	CC - UIDC, Cardiologie clinique 2, Auscultation cardiaque	1h
10.10.08	CC - UIDC, Cardiologie clinique 2, Auscultation cardiaque	2h

25.11.08	Colloque du mardi : " ECG et Holter"	1h
27.01.09	Colloque du mardi : " ECG et Holter"	1h
04.03.09	Colloque du mercredi « Arythmies : physiopathologie, diagnostic et traitement des tachyarythmies »	1h
06.03.09	CC - Unité Cœur et Circulation, Circulation 4, Examen du cœur, Introduction à l'auscultation	2h
09.03.09	AMC de Médecine Interne Tutorial. Problème n° 1 : J'ai perdu connaissance	2h
24.04.09	Entraînement pour étudiants 3 ^{ème} année (pr examens du 8.5.09)	1h
08.05.09	Examens pour étudiants 3 ^{ème} année	4h
11.05.09	Station formative 2 : Cardiologie – CC (Respiration) Préceptorat professionnel	2h
29.05.09	CC Intégration 1 de l'Unité "Synthèse du Module 2" Problème de dyspnée d'origine cardiaque vs pulmonaire	2h
03.06.09	Station formative 2 : Cardiologie – CC (Respiration) Préceptorat professionnel (suite)	2h
05.06.09	AMC de Médecine Interne Tutorial. Problème n° 3 : Après l'infarctus	2h
05.06.09	Colloque du mardi (reporté au vendredi) : "ECG et Holter"	1h
02.09.09	AMC de Médecine Interne Tutorial. Problème n° 2 : Je ne peux plus souffler	2h
13.10.09	Colloque du mardi : "ECG et Holter"	1h
20.10.09	CC - UIDC, Cardiologie clinique 2, Auscultation cardiaque	2h
30.03.10	Colloque du mardi « ECG et Holter »	1h
27.04.10	Entraînement N° 1 pour étudiants 3 ^{ème} année (pr examens du 7.5.10)	2h
04.05.10	Entraînement N° 2 pour étudiants 3 ^{ème} année (pr examens du 7.5.10)	1h
07.05.10	Examen par station	4h
28.05.10	Station formative 2 Cardiologie – CC (Respiration) Préceptorat professionnel (suite)	2h
02.06.10	CC Intégration 1 de l'Unité "Synthèse du Module 2" Problème de dyspnée d'origine cardiaque vs pulmonaire	2h
06.09.10	AMC Médecine Interne Tutorial. Problème No 1 : J'ai perdu connaissance	2h

08.09.10	AMC Médecine Interne Tutorial. Problème No 2 : Je ne peux plus souffler	2h
27.09.10	CC-UIDC, Cardiologie clinique 2, Auscultation cardiaque	2h
27.10.10	Colloque du mercredi « ECG »	1h
09.05.11	Examen par station pour étudiants 3 ^{ème} année	4h
20.05.11	Station formative 2: Cardiologie – CC (Respiration) Préceptorat professionnel	2h
27.05.11	CC Intégration 1 de l'Unité "Synthèse du Module 2" Problème de dyspnée d'origine cardiaque vs pulmonaire	2h
?????????	CC-UIDC, Cardiologie clinique 2, Auscultation cardiaque	2h

6 A. DÉMONSTRATIONS ET RÉALISATIONS AUDIOVISUELLES

- 1) Shah DC, Kautzner J; Vancura V: **Catheter ablation of atrial fibrillation**. Live demonstration. *2nd Prague Workshop on Catheter Ablation*. Prague (Czech Republic), 25-26 March 1999.
- 2) Haïssaguerre M, Jaïs P, Shah DC: **Live Atrial Arrhythmia Ablation Birmingham / Bordeaux, Electrophysiology Masterclass**. Queen Elizabeth Medical Centre. Birmingham (United Kingdom), 3 June 1999.
- 3) M. Haïssaguerre, P. Jaïs, D.C. Shah. **Thermo-cool: New Technology in Practice**. Video Presentation Cordis Webster, 1999
- 4) **Thermocool catheter** live demonstration at Institute of Cardiology, Kuala Lumpur, Malaysia, 4-5 April 2000
- 5) **Thermocool catheter and Carto** live demonstration at All India Inst. of Medical Sciences, New Delhi, India, 6-7 April 2000
- 6) **Thermocool catheter and Carto for Incisional Atrial Tachycardia** live demonstration at GB Pant Hospital, New Delhi, 8 April 2000
- 7) M. Haïssaguerre, P. Jaïs, D.C. Shah. Live case demonstration and video of **Contemporary mapping and ablation techniques in cardiac electrophysiology**. 6th Augustus Waller Meeting - London, 15-16 December 2000
- 8) **RF Catheter ablation of the pulmonary veins for Paroxysmal Atrial Fibrillation**. Live demonstration at the CARE Hospital, Hyderabad, India, 20-22 January, 2001
- 9) **RF Catheter ablation of the pulmonary veins for Paroxysmal Atrial Fibrillation**. Live demonstration at the Centre Hospitalier Universitaire Vaudois, Lausanne, Switzerland, 5-8 March, 2001
- 10) **Pulmonary Vein Ablation**. Live Case Demonstration at the University of Tubingen, Tubingen (Germany). 6 July 2001.

- 11) **Lasso-guided ablation of pulmonary veins.** Cardiac Arrhythmias: Video Presentation Session II. *Cardiac Arrhythmias Seventh International Workshop*. Venice (Italy) 7-10 October 2001
- 12) **Radiofrequency ablation of focal atrial fibrillation.** Video Demonstration – Ablation of Atrial Fibrillation. *Europace 2001*. Copenhagen (Denmark), 24-27 June 2001.
- 13) Shah D, Waldo AL. **Results of focal ablation approaches.** American College of Cardiology extended learning (ACCEL) tapes, vol. 32, n° 9, September 2000.
- 14) **Catheter ablation of pulmonary vein triggers of AF.** American College of Cardiology extended learning (ACCEL) tapes, September 2001.
- 15) **Live demonstration of atrial fibrillation ablation.** II international symposium for interventional arrhythmology. Moscow 25-27 February 2003
- 16) **Live demonstration of AF ablation.** 3rd Birmingham live atrial fibrillation course. Birmingham, 11-12 December 2008.

7. RECHERCHE

- Traitement curatif de flutter atrial et de réentrée atriale
- Mécanisme(s) des fibrillations auriculaires
- Traitement curatif des fibrillations auriculaires
- Traitement curatif des fibrillations ventriculaires
- Mécanisme des tachyarythmies cardiaques

Le groupe de recherche en électrophysiologie cardiaque dont je suis responsable inclut:
Dr Henri Sunthorn et Dr Haran Burri.

8. CLINIQUES

Champ d'expertise clinique :

- Ablation de fibrillation auriculaire cardiaque par cathéter
- Ablation d'autres tachyarythmies cardiaques complexes

9. ADMINISTRATION

10. DISTINCTIONS

1999 Prix Knoll de la Société Française de Cardiologie, for original contribution to electrophysiology

11. SOCIETES

Dès 2004 Membre fondateur de la European Cardiac Arrhythmia Society (ECAS)

Dès 2007 Membre de la Société Suisse de Cardiologie (SSC)

12. FONCTIONS OFFICIELLES

2009-2010 Commission pour évaluer l'utilisation d'un ECG numérique aux HUG

13. FONCTIONS TECHNIQUES ET SCIENTIFIQUES

2007, 2008 Membre du Groupe de travail Suisse de « Pacing and Electrophysiology »
2011 Membre du « International Atrial Fibrillation Division Strategic Advisory Board »

13 A. EDITORIAL BOARD

Dès 2005 Membre de l'Editorial Board, Journal of Interventional Cardiac Electrophysiology

Dès 2005 Membre de l'Editorial Board, Journal of Arrhythmia - Japanese Heart Rhythm Society

Dès 26.12.06 Membre de l'Editorial Board, Heart Rhythm Journal

Dès 03.12.07 Membre de l'Editorial Board, Persian Heart Journal

Dès 11.12.07 Membre de l'Editorial Board « Section Editor » du Journal of Atrial Fibrillation (JAFIB)

13 B. REVIEWER DE MANUSCRITS POUR :

- 1) Circulation - Journal of the American Heart Association.
- 2) Circulation Arrhythmias & Electrophysiology

- 3) Lancet
- 4) Journal of the American College of Cardiology.
- 5) JACC imaging
- 6) American Journal of Cardiology.
- 7) British Heart Journal / Heart.
- 8) Journal of Cardiovascular Electrophysiology.
- 9) European Heart Journal.
- 10) Journal of interventional Cardiac Electrophysiology.
- 11) Europace.
- 12) Catheterization and Cardiovascular Diagnosis.
- 13) Heart Rhythm
- 14) American Journal of Transplantation
- 15) Cardiology
- 16) International Journal of Cardiology
- 17) Journal of Thrombosis and Haematology
- 18) European Journal of Internal Medicine
- 19) Swiss Medical Weekly
- 20) Computer Methods and Programs in Biomedicine

13 C. REVIEWER D'ABSTRACTS POUR :

- | | |
|------------|---|
| 2003-2011 | Congrès annuel de la European Society of Cardiology |
| 2009, 2011 | Cardiostim et Congrès bi-annuel de la European Heart Rhythm Association |
| 2004-2009 | Congrès annuel de la Swiss Society of Cardiology |
| 2010, 2011 | Congrès annuel de la Heart Rhythm Society |

13 D. REVIEWER DE DEMANDES DE FONDS POUR:

- | | |
|------|--|
| 2010 | Fonds National Suisse de la Recherche Scientifique |
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16. DIRECTION DE THESES

17. CONGRÈS SCIENTIFIQUES

- 1) **Catheter ablation of the atrial fibrillation substrate.** *V Southern Symposium on Cardiac Pacing.* Taormina (Italy), 11-14 September 1996
- 2) **Role of arrhythmogenic foci in atrial fibrillation.** *3rd Biennial International Arrhythmia Ablation Conference.* Charlotte (North Carolina), 10-12 October 1996

- 3) **Ablation of atrial fibrillation - Current results and the future.** *International Symposium: 10 years RF ablation of tachycardias - What have we learned?* Münster (Germany), 25 November 1996
- 4) **Ablation de la fibrillation auriculaire: Réalité ou utopie?** *VIIèmes Journées Européennes de la Société Française de Cardiologie.* Paris (France), 15-18 January 1997
- 5) **Atrial fibrillation ablation.** *Cardiostim Transméditerranéen.* Rabat (Morocco), 10-12 February 1997
- 6) **Cartographie cardiaque dans les arythmies.** *Cardiostim Transméditerranéen.* Rabat (Morocco), 10-12 February 1997
- 7) **Ablation of atrial flutter/fibrillation.** *British Pacing and Electrophysiology Group, Annual scientific sessions.* London (U.K.), 19 September 1997
- 8) **Atrial tachycardia.** EP-Seminar Osypka. Münster (Germany), 26 November 1997.
- 9) **RF ablation of atrial fibrillation – The French experience.** *Cedars-Sinai Medical Centre & Cares: RF Ablation of Atrial Arrhythmias.* Los Angeles (U.S.A.), 11 January 1998.
- 10) **Catheter ablation of atrial flutter: Mapping and ablation of atrial flutter recurrences.** *LMU Forum on Interventional Electrophysiology: Catheter Ablation of Atrial Tachyarrhythmias.* Munich (Germany), 6 February 1998
- 11) **Cartographie bidimensionnelle sans fluoroscopie: applications cliniques: flutter.** *Société Française de Cardiologie.* Paris (France), 20 March 1998.
- 12) **Curative catheter ablation for atrial fibrillation.** *4th Annual Interventional Electrophysiology Symposium: State of the art in atrial fibrillation and ventricular tachycardia.* Lugano (Switzerland), 12-14 June 1998.
- 13) Co-chairman: **Electrophysiologic Correlates of Atrial Fibrillation.** *Cardiostim 98.* Nice (France), 17-20 June 1998.
- 14) **RF ablation of focal atrial tachycardia originating from the pulmonary vein.** *5th training course "Theory and Practice of RF Ablation of Cardiac Arrhythmias".* Milan (Italy), 29 June - 03 July 1998.
- 15) **Non-fluoroscopic electroanatomical mapping.** *European Society of Cardiology.* Vienne (Austria), 22-26 August 1998.
- 16) **Radiofrequency ablation of atrial fibrillation.** *17th Scientific Sessions of the Belgian Working Group on Cardiac Pacing and Electrophysiology.* Mont-Godinne (Belgium), 02-03 October 1998.
- 17) **Catheter technologies for ablation of atrial fibrillation.** Symposium Christopher R.C. Wyndham: *Radiofrequency ablation for atrial fibrillation and atrial flutter.* Dallas (USA), 07 November 1998.
- 18) **Complications and risk management of atrial fibrillation.** Symposium Christopher R.C. Wyndham: *Radiofrequency ablation for atrial fibrillation and atrial flutter.* Dallas (USA), 07 November 1998.
- 19) **Atrial flutter.** *New Technologies and Strategies for the Treatment of Cardiac Arrhythmias.* Leipzig (Germany), 19-21 November 1998.

- 20) Chairman **Atrial flutter**, *New Technologies and Strategies for the Treatment of Cardiac Arrhythmias*. Leipzig (Germany), 19-21 November 1998.
- 21) **Ablation of atrial fibrillation - Current results and the future**. International symposium: *10 years RF ablation of tachycardias - What have we learned?* Münster (Germany), 25 November 1998.
- 22) **Atrial fibrillation ablation: Are we moving towards ablation of specific sites?** Presentation, *Progress in Clinical Pacing*. Rome (Italy), 01-04 December 1998.
- 23) Co-chairman: **Progress in ablation of supraventricular tachyarrhythmias**. *Progress in Clinical Pacing*. Rome (Italy), 01-04 December 1998.
- 24) Co-chairman: **Catheter ablation of tachyarrhythmias**. *Progress in Clinical Pacing*. Rome (Italy), 01-04 December 1998.
- 25) **Creating lesions in the atrium is a 2D solution**. International Workshop on Computer Simulation and Experimental Assessment of Electrical Cardiac Function. Lausanne (Switzerland), 07-08 December 1998.
- 26) **Role of pulmonary vein foci in human atrial fibrillation**. *Interventional Strategies in the Treatment of Atrial Fibrillation*. Dresden (Germany), 19-20 March 1999.
- 27) **Catheter ablation of atrial fibrillation**. Review lecture. *2nd Prague Workshop on Catheter Ablation*. Prague (Czech Republic), 25-26 March 1999.
- 28) Co-chairman: **Catheter ablation of atrial tachycardia**. *2nd Prague Workshop on Catheter Ablation*. Prague (Czech Republic), 25-26 March 1999.
- 29) **Radiofrequency ablations of atrial fibrillation - present status and future expectations**. *XVIIth Nordic Congress of Cardiology*. Reykjavik (Iceland), 09-11 June 1999.
- 30) **Theory and practice of RF ablation of cardiac arrhythmias**. Teaching Course. Baveno (Italy), 14-18 June 1999.
- 31) **Percutaneous catheter ablation is the only curative treatment of AF**. 5th Annual Interventional Electrophysiology Symposium: *State of the Art in Atrial Fibrillation and Ventricular Tachycardia*. Lugano (Switzerland), 23-25 June 1999.
- 32) **Stimulation manoeuvres and catheter technique for ablation of typical and atypical atrial flutter**. Teaching Course: Clinical Electrophysiology. *XIth World Symposium on Cardiac Pacing and Electrophysiology*. Berlin (Germany), 27-30 June 1999.
- 33) **Catheter-based diagnosis and ablation of focal atrial fibrillation**. *Scholar's Meeting "Carto & Noga/DMR"*. Sitges (Spain), 26-27 August 1999.
- 34) **The mapping and ablation of atypical flutter using Carto**. *Scholar's Meeting "Carto & Noga/DMR"*. Sitges (Spain), 26-27 August 1999.
- 35) **Thermocool: Irrigated ablation: Clinical results**. *Scholar's Meeting "Carto & Noga/DMR"*. Sitges (Spain), 26-27 August 1999.
- 36) **Non-pharmacologic approaches to atrial fibrillation**. *XXIst Congress of the European Society of Cardiology*. Barcelona (Spain), 28 August-01 September 1999
- 37) Chairman: **Catheter Ablation of Atrial fibrillation**. *XXIst Congress of the European Society of Cardiology*. Barcelona (Spain), 28 August-01 September 1999.

- 38) **Nouvelles approches de l'ablation de la fibrillation auriculaire.** *4ème Symposium Franco-Hellénique de Rythmologie.* Athens (Greece), 25 September 1999.
- 39) **Are all paroxysms of atrial fibrillation focally initiated?** *6th International Workshop "Cardiac Arrhythmias".* Venice (Italy), 05-08 October 1999.
- 40) **Curative catheter ablation targeting the initiation of atrial fibrillation.** *11th Annual Scientific Meeting of the Japanese Catheter Ablation Society.* Tokyo (Japan), 23 October 1999.
- 41) **Atrial fibrillation. Solutions from the catheter lab.** *51st Annual Meeting of Cardiological Society of India.* New Delhi (India), 02-05 December 1999.
- 42) **Sudden Cardiac Death: Diagnostic evaluation in high risk population. How far does one go !** *51st Annual Meeting of Cardiological Society of India.* New Delhi (India), 02-05 December 1999.
- 43) **RF ablation of focal AF in patients without frequent APBs at the time of catheter intervention.** *11th Madrid Arrhythmia Meeting.* Madrid (Spain), 23-25 February 2000.
- 44) **Curative ablation of atrial fibrillation.** *International Symposium "Therapeutic strategies for management of atrial fibrillation".* Marbella (Spain), 26 February 2000.
- 45) Co-chairman: **RF ablation of atrial flutter.** *11th Madrid Arrhythmia Meeting.* Madrid (Spain), 23-25 February 2000.
- 46) **Results of focal ablation approaches.** *Mini-Course "Nonpharmacologic therapy of atrial fibrillation": 49th Annual Scientific Session of the American College of Cardiology.* Anaheim (USA), 12-15 March 2000.
- 47) Co-chairman: **Catheter-based ablation of atrial fibrillation.** Oral abstracts *49th Annual Scientific Session of the American College of Cardiology.* Anaheim (USA), 12-15 March 2000.
- 48) **How to ablate the slow pathway in AV nodal reentry - Review and live demonstration (session 1).** *3rd Prague Workshop on Catheter Ablation.* Prague (Czech Republic), 23-24 March 2000.
- 49) **Ablation of atrial fibrillation triggers. The Bordeaux experience.** *International Symposium "Update on Atrial Fibrillation 2000".* Coburg (Germany), 25 March 2000.
- 50) **Focal ablation: Patient selection and long-term success.** St-Jude Medical Satellite Symposium "Modern Concepts on Prevention and Treatment of Atrial Fibrillation". *66th Annual Meeting of the German Society of Cardiology.* Mannheim (Germany), 27-29 April 2000.
- 51) **Ablation of atrial tachycardia and atypical flutter.** Clinical Tutorial *21st Annual Scientific Sessions of the North American Society of Pacing and Electrophysiology.* Washington, 17-20 May 2000.
- 52) **Focal ablation: Who will benefit?** *Symposium "Atrial Fibrillation in Asturias".* Oviedo (Spain), 09-11 June 2000.
- 53) **Novel mechanisms and ablation of atypical flutter using the Carto system.** *Cardiostim 2000.* Nice (France), 14-16 June 2000.
- 54) Co-chairman: **Catheter ablation of atrial fibrillation.** "11th World Congress on Catheter Ablation" *Cardiostim 2000.* Nice (France), 14-16 June 2000

- 55) Co-chairman: **Ablation - Poster Workshop I.** Cardiostim 2000. Nice (France), 14-16 June 2000.
- 56) **Present state of curative catheter ablation.** Symposium "Interventional strategies for the treatment of atrial fibrillation - State of the Art 2000". *49th International Congress of the European Society for Cardiovascular Surgery.* Dresden (Germany), 24-27 June 2000.
- 57) **Ablation of focal atrial fibrillation.** *XXIInd Congress of the European Society of Cardiology.* Amsterdam (The Netherlands), 26-30 August 2000.
- 58) Co-chairman: **Atrial fibrillation: catheter and surgical ablation.** Focus Session - *XXIInd Congress of the European Society of Cardiology.* Amsterdam (The Netherlands), 26-30 August 2000.
- 59) **RF ablation of atypical atrial flutter.** *4th Symposium on Advances in Cardiac Arrhythmias.* Turin (Italy), 22-23 September 2000.
- 60) **Atypical right atrial flutters.** 3rd International Symposium on Catheter Ablation Techniques. Paris, 18-20 October 2000.
- 61) **Curative catheter ablation of atrial fibrillation.** Hanover (Germany), 29 January 2001.
- 62) **Curative catheter ablation of atrial fibrillation.** *III Reunião Internacional, Associação Portuguesa de Arritmologia, Pacing et Electrofisiologia,* Lisbon (Portugal), 03 February 2001.
- 63) **Pulmonary vein isolation guided by the BioSense Webster Lasso Catheter.** *Atrial Fibrillation: Catheter Ablation and the Lessons of Surgery.* Orlando (U.S.A.), 17 March 2001.
- 64) **Catheter ablation of pulmonary vein triggers.** *Symposium: "Nonpharmacologic therapy of atrial fibrillation": 50th Annual Scientific Session of the American College of Cardiology.* Orlando (U.S.A.), 20 March 2001.
- 65) **Procedures Treating Atrial Fibrillation at the Time of Mitral Valve Surgery.** *Clinical Tutorial.* NASPE Boston (U.S.A.), 3 May 2001.
- 66) **Q&A Session – Biosense Webster Round Table Discussion.** Boston (U.S.A.), 3 May 2001.
- 67) **Panelist – Catheter Ablation of Focal Atrial Fibrillation – Meet the experts luncheon.** NASPE Boston (U.S.A.), 4 May 2001.
- 68) **Role of RF Ablation in the Treatment of Atrial Fibrillation.** *7th Annual Interventional Electrophysiology Symposium: State of the Art in Atrial Fibrillation and Ventricular Tachycardia.* Lugano (Switzerland), 17-17 May 2001.
- 69) **Catheter ablation of atypical right flutter.** *Catheter Ablation of Arrhythmias – Clinical applications for the new millennium.* Bordeaux (France), 25-26 May 2001.
- 70) **Ablation of atrial fibrillation.** *Third International Symposium on Advances in Interventional Electrophysiology.* Jewish Hospital Heart & Lung Institute. Louisville (U.S.A), 13-15 June 2001.
- 71) **Catheter ablation – trigger elimination.** Surround Atrial Fibrillation. *Europace 2001.* Copenhagen (Denmark), 24-27 June 2001.
- 72) **Atypical and left atrial flutter.** Ablation of atrial flutter and atrial tachycardias. *Europace 2001.* Copenhagen (Denmark), 24-27 June 2001.

- 73) **Catheter ablation – trigger elimination.** Surround Atrial Fibrillation. *Europace 2001*. Copenhagen (Denmark), 24-27 June 2001.
- 74) **Pulmonary vein origin – how and for whom?** Ablation approach of atrial fibrillation. *Europace 2001*. Copenhagen (Denmark), 24-27 June 2001.
- 75) Co-chairman: **Live Transmission: Ablation of atrial flutter, atrial fibrillation and incisional tachycardia.** *Europace 2001*. Copenhagen (Denmark), 24-27 June 2001.
- 76) **Atrial Fibrillation Debate – Ablative v/s Conservative approach.** *Controversies in Cardiology*. Bern (Switzerland) 28 June 2001.
- 77) **Curative catheter ablation of atrial fibrillation.** *Cardiac Interventions 2001. Interventional Technologies*. Singapore, 12-15 August 2001.
- 78) **Pulmonary vein ablation for atrial fibrillation.** Atrial Arrhythmias. *XXIIIrd Congress of the European Society of Cardiology*. Stockholm (Sweden) 3-4 September 2001.
- 79) **The Bordeaux experience.** Catheter ablation of atrial fibrillation: Comparison among different Experiences I. *Cardiac Arrhythmias – Seventh International Workshop*. Venice (Italy) 7-10 October 2001.
- 80) **“Focal” atrial fibrillation: which clinical/electrocardiographic pattern?** Atrial fibrillation: Electrogenetic and Clinical Aspects. *Cardiac Arrhythmias – Seventh International Workshop*. Venice (Italy) 7-10 October 2001.
- 81) **What is the most accurate and simple method to assess block through cavotricuspid isthmus?** Atrial flutter: Pharmacological and Ablation Therapy. *Cardiac Arrhythmias – Seventh International Workshop*. Venice (Italy) 7-10 October 2001.
- 82) Co-chairman: **Intraoperative Surgical Treatment of atrial fibrillation: Comparison among different Experiences.** *Cardiac Arrhythmias – Seventh International Workshop*. Venice (Italy) 7-10 October 2001.
- 83) **Clinical utility of “T-Wave” subtraction.** *Bard Technology Night*. Beijing (China) 14 October 2001.
- 84) **Mapping techniques in focal tachycardia and atrial fibrillation.** *International Symposium on Atrium and Ventricle Treatment in the New Millennium*. Brescia (Italy) 22-23 October 2001.
- 85) **Panelist** - Cleveland Clinic Foundation - *Electrophysiology 2001: New Technologies in the Diagnosis and treatment of complex Arrhythmias*. Anaheim (U.S.A.), 12 November 2001.
- 86) **Circumferential mapping to simplify pulmonary vein isolation.** *Contemporary Issues on New Technology for Catheter Ablation*. Milan (Italy) 3 December 2001.
- 87) **Imaging in atrial fibrillation : Assessment of linear lesions.** Biosense Webster Symposium on Atrial fibrillation & Ablation Technologies. Paris, March 4-5, 2002.
- 88) **Other energy sources : Round up discussions ablations strategies.** Biosense Webster Symposium on Atrial fibrillation & Ablation Technologies. Paris, March 4-5, 2002.
- 89) **Catheter ablation of atrial fibrillation – The Bordeaux experience.** 5th Prague Workshop on Catheter ablation, Prague, March 25-26, 2002.

- 90) **Invited guest faculty in : Workshop on Live Demonstration of Radiofrequency ablation using the CARTO system.** Cardiothoracic Sciences Center, New Dehli, 1-2 April, 2002.
- 91) **Faculty member in the : Workshop on "Arrhythmias".** Hyderabad, India, 3-6 April, 2002.
- 92) **Controversies in catheter ablation : Isthmus ablation in first-line therapy in patients with mixed atrial flutter and atrial fibrillation : antagonist (CD-ROM Highlights).** 23rd Annual Scientific Sessions of the North American Society of Pacing and Electrophysiology, May 8-11, 2002.
- 93) **Insights into catheter ablation of atrial fibrillation.** 23rd Annual Scientific Sessions of the North American Society of Pacing and Electrophysiology, May 8-11, 2002.
- 94) **Chairman : Clinical electrophysiology IV : Atrial fibrillation ablation.** 23rd Annual Scientific Sessions of the North American Society of Pacing and Electrophysiology, May 8-11, 2002.
- 95) **PV isolation – Bordeaux Experiences : its efficacy and safety.** 17th Annual Meeting of the Japanese Society of Cardiac Pacing and Electrophysiology (JASPE), Toyama, Japan, May 26-28, 2002.
- 96) **The evolution of curative catheter ablation of atrial fibrillation – current perspectives and newer developments.** 17th Annual Meeting of the Japanese Society of Cardiac Pacing and Electrophysiology (JASPE), Toyama, Japan, May 26-28, 2002.
- 97) **Role of Purkinje-system in ventricular fibrillation.** 8th Annual Interventional Electrophysiology Symposium on "State of the art in atrial fibrillation and ventricular tachyarrhythmias". Lugano, May 30-31, 2002.
- 98) **Debate: Anatomical pulmonary vein isolation is preferable to electrophysiologically guided ablation in patients with atrial fibrillation. Shah D : antagonist.** 13th International Congress Cardiostim 2002. Nice, June 19-22, 2002.
- 99) **Unanswered questions in AF therapy: pro.** 13th International Congress Cardiostim 2002. Nice, June 19-22, 2002.
- 100) **Chairman : Pulmonary veins in atrial fibrillation : from anatomy to ablation : abstracts.** XXIV Congress of the European Society of Cardiology, Berlin, August 31-September 4, 2002.
- 101) **Is the isolation of pulmonary veins enough for the treatment of atrial fibrillation ?** 19th JSE of the Japanese College of Cardiology, Nagoya, Japan, September 9, 2002.
- 102) **Chairman : Radiofrequency ablation of cardiac tachyarrhythmias.** 3rd Interventional Course on "Management of Cardiac Tachyarrhythmias". Lugano, September 16-18, 2002.
- 103) **Chairman : New treatment of congestive heart failure.** 3rd Interventional Course on "Management of Cardiac Tachyarrhythmias". Lugano, September 16-18, 2002.
- 104) **Atypical flutter.** Symposium Turin, October 4, 2002.
- 105) **Role of linear ablation in the treatment of atrial fibrillation.** Biosense Webster Symposium. Paris, October 17, 2002.
- 106) **Role of catheter ablation for atrial fibrillation and idiopathic ventricular fibrillation.** Symposium on Atypical flutter of the Lebanese Cardiac Society. Beirut, October 26, 2002.

- 107) **Atrial fibrillation.** Swissrythm, Lucerne, November 11, 2002.
- 108) **Flutter ablation.** Annual Congress of the Finnish cardiac Society. Helsinki, November 14, 2002.
- 109) **Curative catheter ablation of atrial fibrillation.** Basel, November 2002.
- 110) **Atrial flutter and atrial fibrillation ablation.** Ascona, November 29, 2002.
- 111) **Role of left atrial linear lesions in the treatment of atrial fibrillation.** Current aspects in basic and clinical electrophysiology. Berlin, January 24-25, 2003.
- 112) **Spectrum of atypical flutter.** IInd International Symposium for interventional arrhythmology. Moscow, February 25-27, 2003.
- 113) **Afib Therapy interventional approaches : Is PV isolation enough ?** Symposium Atrial fibrillation therapy. Hamburg, March 6-7, 2003.
- 114) **Pulmonary vein ablation five years later.** The Rome Teaching Workshop on interventional arrhythmology. Rome, March 25-28, 2003.
- 115) **Circumferential pulmonary vein isolation.** Atrial fibrillation ablation in 2003 : An update for cardiologists. Loyola University Chicago, March 31, 2003.
- 116) **Complications and clinical results of pulmonary vein isolation.** 52nd Annual Scientific Session of the American College of Cardiology. Chicago, March 30-April 2, 2003.
- 117) **Pulmonary vein isolation for treating atrial fibrillation : Clinical decision making : Case presentations.** 52nd Annual Scientific Session of the American College of Cardiology. Chicago, March 30-April 2, 2003.
- 118) **Ablation of atrial fibrillation : What clinical trials do we need to establish efficacy?** Evidence-Based Arrhythmia Management : Design, results and impact of clinical trials for atrial fibrillation, syncope and sudden cardiac death. Frankfurt, April 11-12, 2003.
- 119) Chairman: **Rhythmology : Ablation of arrhythmias.** Réunion annuelle de la Société Suisse de Cardiologie. Lausanne, 8-10 mai 2003.
- 120) **Triggers for atrial fibrillation.** 24th Annual Scientific Sessions of the North American Society of Pacing and Electrophysiology (NASPE). Washington, DC, May 14-17, 2003.
- 121) **Pulmonary vein ablation.** II Reunion Anual de la Seccion de Electrofisiologia y Arritmias de los Grupos de Trabajo de DAI y Sincope. Simposium Satélite. Leon, Espagne, 7 juin 2003.
- 122) **RF ablation in AF.** State of the art in atrial fibrillation and ventricular tachyarrhythmias. Lugano, June 14-15, 2003.
- 123) **Follow-up after PV ablation, which procedures are necessary?** in the session Catheter ablation : Follow-up procedures. Symposium Atrial fibrillation. Tübingen, Allemagne, 26-29 juin 2003.
- 124) **Controversy: "Pro Electrophysiological Approach".** Rhythm 2003. Marseille, June 27-28, 2003
- 125) **A combined strategy for AF ablation : targeting the substrate and trigger.** 3rd Electrical Intervention Symposium. Seoul, August 22-23, 2003.

- 126) **Interactive EP session : interesting cases.** 3rd Electrical Intervention Symposium. Seoul, August 22-23, 2003.
- 127) **Catherter ablation of arrhythmias : from atrial fibrillation to ventricular fibrillation.** Progressi in aritmologia e cardiostimolazione. Bari, Italie, 3 octobre 2003.
- 128) **Atrial flutter: what is the significance of the time course of conduction recovery?** Eighth International Workshop on cardiac arrhythmias. Venise, 5-8 octobre 2003.
- 129) **Anatomical – guided is superior to electrophysiological – guided ablation: antagonist.** Symposium Controversies in arrhythmology : what is the best technique for atrial fibrillation ablation ? Eighth International Workshop on cardiac arrhythmias. Venise, 5-8 octobre 2003.
- 130) **Electrophysiologically guided PV isolation and substrate modification in the curative ablation of atrial fibrillation.** 14th Great Wall international Congress of Cardiology. Beijing, 10-13 October 2003.
- 131) **Tricks and pitfalls in atrial flutter ablation.** First European AF:"Together we can" Meeting, Madrid, 9-10 November 2006.
- 132) **Which therapeutic approach to atrial fibrillation in the ablation era : Antiarrhythmic drugs versus pulmonary vein isolation in PAF : respective indications.** Europace, The annual meeting of the ESC Working Groups on Cardiac Pacing and Arrhythmias. Paris, 14-17 décembre 2003.
- 133) Co-chairman : **Radiofrequency ablation of atrial fibrillation : the left atrial approach.** Europace, The annual meeting of the ESC Working Groups on Cardiac Pacing and Arrhythmias. Paris, 14-17 décembre 2003.
- 134) **Treating patients with atrial fibrillation cure? Catheter ablative strategies for curative treatment of atrial fibrillation.** Atrial fibrillation – Drugs, devices and beyond. Innsbruck, January 23-24, 2004.
- 135) **Catheter-based therapy is superior to surgical ablation: protagonist.** Atrial fibrillation – Drugs, devices and beyond. Innsbruck, January 23-24, 2004.
- 136) Chairman: **Clinical and trials in myogenesis.** 10th LDDR – International Local Drug Delivery and cardiovascular Course on Radiation and molecular strategies. Genève, 29-31 janvier 2004.
- 137) **Quizzing the masters. Panel.** 26th Conference of the Indian Society of Electrocardiology. New Dehli, 19th-21st March 2004.
- 138) **What have we learnt about paroxysmal atrial fibrillation and its management?** 26th Conference of the Indian Society of Electrocardiology. New Dehli, 19th-21st March 2004.
- 139) **Interesting clinical case/ ECG discussions. Panel.** 26th Conference of the Indian Society of Electrocardiology. New Dehli, 19th-21st March 2004.
- 140) **Cooled catheters: when and for whom ?** 26th Conference of the Indian Society of Electrocardiology. New Dehli, 19th-21st March 2004.
- 141) **Typical atrial flutter: mechanism and management.** 26th Conference of the Indian Society of Electrocardiology. New Dehli, 19th-21st March 2004.
- 142) **Diagnosing and ablating IST.** 26th Conference of the Indian Society of Electrocardiology. New Dehli, 19th-21st March 2004.

- 143) **Ablation of idiopathic VF.** 26th Conference of the Indian Society of Electrocardiology. New Dehli, 19th-21st March 2004.
- 144) **Ablation of left atrial and coronary sinus flutters.** 26th Conference of the Indian Society of Electrocardiology. New Dehli, 19th-21st March 2004.
- 145) **Open house discussion.** 26th Conference of the Indian Society of Electrocardiology. New Dehli, 19th-21st March 2004.
- 146) **Optimal ablation strategy for paroxysmal and chronic Afib.** IIIrd AFIB ALLIANCE Atrial Fibrillation Therapy Symposium. Rome 25-26 mars 2004.
- 147) **Ablation of exotic arrhythmias: Atypical flutter.** Heart Rhythm 2004, 25th Annual Scientific Sessions of the North American Society of Pacing and Electrophysiology (NASPE). San Francisco, May 19-22, 2004.
- 148) **New strategies for optimising catheter ablation of Afib.** The 31st International Congress of Eletrocardiology. Kyoto, June 27-July 1, 2004.
- 149) Chairman: **Ablation of atrial fibrillation: new techniques.** ECS Congress 2004. Munich, 28 August – 1 September 2004.
- 150) **Focus on atrial fibrillation: Pulmonary veins isolation in AF.** 10th Annual Interventional Electrophysiology Symposium on State of the Art in Atrial Fibrillation and Ventricular Tachyarrhythmias. Lugano, 11-12 September 2004.
- 151) Co-chairman : **Focus on ventricular tachyarrhythmias.** 10th Annual Interventional Electrophysiology Symposium on State of the Art in Atrial Fibrillation and Ventricular Tachyarrhythmias. Lugano, 11-12 September 2004.
- 152) **Atypical atrial flutter ablation.** 6th Symposium on Advances in Cardiac Arrhythmias From Caliper to Catheters. Turin, 8-9 October 2004.
- 153) Co-chairman : **Videopresentation of a RF Ablation of AF.** 6th Symposium on Advances in Cardiac Arrhythmias From Caliper to Catheters. Turin, 8-9 October 2004.
- 154) **Atrial arrhythmias II: Atypical right atrial flutter.** 5th International Symposium on Catheter Ablation Techniques. Paris, 13-15 October 2004.
- 155) **Linear lesion in persistent Afib with Carto.** 5th International Symposium on Catheter Ablation Techniques. Paris, 13-15 October 2004.
- 156) **State of the art: Curative ablation therapy in atrial fibrillation.** Réunion d'automne de la SSC "Embolie cardiaque". Berne, 24 novembre 2004.
- 157) **Long-term results of ablation guided by pulmonary veins electrophysiological mapping.** XI International Symposium on Progress in Clinical Pacing. Rome, 30 November – 3 December 2004.
- 158) **AF post ablation issues: Atrial arrhythmias as a sequel of atrial fibrillation ablation.** XI International Symposium on Progress in Clinical Pacing. Rome, 30 November – 3 December 2004.
- 159) Co-chairman : **Right atrial ablation.** XI International Symposium on Progress in Clinical Pacing. Rome, 30 November – 3 December 2004.

- 160) **Ablation de la fibrillation atriale : Chez qui et quand arrêter les anticoagulants ?** XV^{es} Journées Européennes de la Société Française de Cardiologie. Paris, 19-22 janvier 2005.
- 161) **Debate – Is Afib ablation an established approach? (Pro)** 4th Atrial Fibrillation Therapy Symposium, Vienna, 17-18 March 2005
- 162) **Atrial fibrillation, a time for assessment: Other arrhythmogenic foci: are they really operative?** Congrès Fibrillation atriale, présent & avenir. Lyon, 5-7 April, 2005.
- 163) **Indications and results of catheter ablation of atrial fibrillation.** 1st Annual congress of the European Cardiac Arrhythmia Society, Marseille, 10-12 April, 2005
- 164) **Difficult catheter ablation cases.** Heart Rhythm 2005 26th Annual Scientific Sessions, New Orleans, May 4-7, 2005.
- 165) **Left Atrial Flutter.** Heart Rhythm 2005 26th Annual Scientific Sessions, New Orleans, May 4-7, 2005.
- 166) **Atrial fibrillation catheter ablation in the clinical setting: indications, methods, results and complications.** ANMCO 2005, XXXVI Congresso Nazionale di Cardiologia, Florence, 1-4 June 2005.
- 167) **Traitement non pharmacologique de la FA: place de l'ablation par radiofrequence.** Les 1^{ères} journées de rythmologie de Sfax, Sfax (Tunisia), 3-4th June 2005.
- 168) **Ablation par radiofrequence des TV idiopathiques.** Les 1^{ères} journées de rythmologie de Sfax, Sfax (Tunisia), 3-4th June 2005.
- 169) **Traitement curatif de la fibrillation atriale.** Formation continue pour médecins cadres des hôpitaux périphériques en Scandinavie, Helsinki, 8-11 juin 2005.
- 170) **Catheter ablation of unusual supra-ventricular arrhythmias: Reentrant atrial tachycardias.** Europace, Prague, 26-29 June, 2005.
- 171) **Ablation of atrial fibrillation.** ESC Congress 2005, Stockholm, 3-7 September 2005.
- 172) **How to ablate unstable ventricular tachycardia or fibrillation.** ESC Congress 2005, Stockholm, 3-7 September 2005.
- 173) **Evolution of Atrial fibrillation ablation.** 3rd Int'l Summer School of Cardiac Arrhythmias, Eskisehir, Turkey, 9-12 September 2005.
- 174) **Video presentation: Impact of imaging on atrial fibrillation ablation.** Venice Arrhythmias 2005, Venice, Italy, 2-5 October 2005.
- 175) **The story of ablating atrial fibrillation.** 6th International Symposium, Düsseldorf, 21-22 October 2005.
- 176) **Is there an individualized catheter ablation approach to Afib?** 5th Atrial Fibrillation Symposium, Barcelona, Spain, 22-23 March 2006.
- 177) **Various techniques for left atrial ablation.** ECAS 2006. 2nd Annual congress of the European Cardiac Arrhythmia Society, Marseille, 2-4 April 2006.
- 178) **Vorhofflimmern: Medikamente oder Lungenvenenisolation? Update 2006.** 4. Zürcher Review Kurs in Klinischer Kardiologie, Mayo Clinic, Zürich Oerlikon, 28-29 April 2006.

- 179) **New techniques to improve tissue ablation: the FORCE sensor.** 15th International Congress Cardiostim 2006. Nice, June 14-17, 2006.
- 180) **Questions on AF to experts.** 7th Symposium on Advances in cardiac Diseases (From ECG to catheters), Turin, 6-7 October 2006.
- 181) **Atrial tachycardia mechanisms: unusual findings.** 20 years of radiofrequency ablation, Mannheim, Germany, 20-21 October 2006.
- 182) **AF: From pathophysiology to different ablation strategies.** First European AF:"Together we can" Meeting, Madrid, 9-10 November 2006.
- 183) **Prevalence, mechanism and management of post ablation conversion of atrial fibrillation to atrial tachycardia or flutter.** International Symposium on progress in clinical pacing, Rome, Italy, 5-8 December 2006.
- 184) Co-Chairman: **Atrial fibrillation ablation.** International Symposium on progress in clinical pacing, Rome, Italy, 5-8 December 2006.
- 185) **Unusual left atrial tachycardias after PV isolation: incidence, risk factors, mechanisms and management.** 12th annual Boston Symposium on Atrial fibrillation, Boston, 11-13 January 2007.
- 186) **Catheter ablation of atrial fibrillation.** Cardiology update 2007. Davos, 11-16 February 2007.
- 187) **Atrial fibrillation: drugs or ablation?** Cardiology update 2007. Davos, 11-16 February 2007.
- 188) **Limitations and complications.** 3rd International Symposium on advances in arrhythmias. Davos, 18-22 February 2007.
- 189) **Mechanisms of atrial tachycardia after ablation of atrial fibrillation.** ACC 56th Annual scientific session. New Orleans, 24-26 March 2007.
- 190) **Characterizing, preventing and treating complications of AFib ablation: Gastroparesis, lasso entrapment, embolic events and future unknowns.** Heart Rhythm 2007 28th Annual Scientific Sessions, Denver, Colorado, 9-12 May 2007.
- 191) **Mitral isthmus atrial flutter.** Heart Rhythm 2007 28th Annual Scientific Sessions, Denver, Colorado, 9-12 May 2007.
- 192) **Catheter ablation of atypical flutter: Electrophysiology and clinical outcome.** Mediterranean Cardiology Meeting, Taormina, Italy. 20-22 May 2007.
- 193) **Difficult cases in atrial fibrillation ablation.** ECAS 2007, 3rd Annual congress of the European Cardiac Arrhythmia Society, Marseille, France, 3-5 June 2007.
- 194) **Debate on "Surgery has no role in the treatment of lone atrial fibrillation. Pro.** 07 ISMICS, Annual scientific meeting, Rome, Italy, 6-9 June 2007.
- 195) Chairman: **End-points of catheter ablation for atrial fibrillation.** EUROPACE 2007, Lisbon, Portugal, 24-24 June 2007.
- 196) Chairman: **Macroreentrant atrial tachycardia.** EUROPACE 2007, Lisbon, Portugal, 24-24 June 2007.
- 197) **Physiopathology of atrial fibrillation.** Assemblée annuelle de la SSC, Genève, 13-15 juin 2007.

- 198) **Pathophysiology based Individualised Approach to Catheter Ablation of Atrial Fibrillation**, State of the Art in Atrial Fibrillation and Ventricular Tachyarrhythmias, Lugano, Switzerland. June 2-3, 2007
- 199) Chairman: **Atrial fibrillation- From bench to the operating theatre**. Venice Arrhythmias 2007, Venice, Italy, 7-10 October 2007.
- 200) Co-chairman: **Post-AF ablation follow-up: controversial issues**. Venice Arrhythmias 2007, Venice, Italy, 7-10 October 2007.
- 201) **Debate on "Atrial fibrillation: anatomic ablation techniques provide adequate efficacy and acceptable safety making AG mapping unnecessary". Antagonist**. World congress on cardiac pacing and electrophysiology. Rome, Italy. 2-6 December 2007.
- 202) Co-chairman: **Atrial fibrillation: from basic science to clinical practice**. World congress on cardiac pacing and electrophysiology. Rome, Italy. 2-6 December 2007.
- 203) **Paroxysmal, persistent and long-lasting atrial fibrillation: what is the best approach for each patient?**. Expert meeting Berlin, 25-26 January 2008.
- 204) **Atrial Fibrillation: demystifying the rate vs rhythm conundrum. ISECON**. Kolkata, India, 21-24 February 2008.
- 205) **Catheter ablation for atrial arrhythmias**. ISECON. Kolkata, India, 21-24 February 2008.
- 206) **Atrial arrhythmias - Diagnosis from 12 lead ECGs**. ISECON. Kolkata, India, 21-24 February 2008.
- 207) **Complex ablation for atrial fibrillation**. ISECON. Kolkata, India, 21-24 February 2008.
- 208) **ECG, electrogram and entrainment guided ablation**. 7th Atrial Fibrillation Symposium, Paris, France, 13-14 March 2008.
- 209) **Educative session: "Conduction and arrhythmias: from bench to bedside"**. 42nd Annual Scientific Meeting ESCI, Geneva, 26-29 March 2008.
- 210) **Respective role or the triggers in atrial fibrillation**. ECAS 2008, 4th Annual congress of the European Cardiac Arrhythmia Society, Marseille, France. 13-15 April 2008.
- 211) **Macroreentrant atrial tachycardia - normal hearts**. (15 May) Heart Rhythm 2008. 29th Annual Scientific Sessions of the Heart Rhythm Society. San Francisco, 14-17 May 2008.
- 212) **Mitral isthmus-based flutter after AF ablation**. (16 May) Heart Rhythm 2008. 29th Annual Scientific Sessions of the Heart Rhythm Society. San Francisco, 14-17 May 2008.
- 213) **Catheter Ablation of Atrial Fibrillation: PV Isolation**. Europe AF 2008. London, 15 June 2008.
- 214) Co-Chairman. **A different look at complex atrial arrhythmias ablation**. 16th World Congress Cardiostim 2008 Nice Acropolis, France, 18-21 June 2008.
- 215) **Atrial fibrillation ablation in 2008 :The cardiological approach**. 2nd Belgium Heart rhythm meeting 'Arrhythmias for every cardiologist', Brussels, 2-4 October 2008.
- 216) **Which techniques for the ablation: is fluoroscopy and electrophysiological approach enough?** 8th Symposium on advances in cardiac arrhythmias (From ECG to catheters). Turin, Italy, 17-18 October 2008.

- 217) **Macroreentrant atrial tachycardias.** 7th International symposium on catheter ablation techniques / 9th Rythmology group meeting of the French Society of Cardiology, Paris, 15-17 October 2008.
- 218) **Evaluation of individualized strategy of isthmus ablation as an adjunctive to AF ablation.** Cairostim - 5th International congress of Egyptian cardiac rhythm association. Caire, Egypte, 4-6 November 2008.
- 219) **Man-made arrhythmias post ablation.** Cairostim - 5th International congress of Egyptian cardiac rhythm association. Caire, Egypte, 4-6 November 2008.
- 220) **Latest AFib registry: Impact on guidelines.** Cairostim - 5th International congress of Egyptian cardiac rhythm association. Caire, Egypte, 4-6 November 2008.
- 221) **Catheter ablation of AF: Is more ablation better?** Get Rhythm - Derde Nederlandse Symposium over Atriumfibrilleren. Utrecht, Netherlands, 20-21 November 2008.
- 222) **Newer indications for catheter ablation of AF.** SwissRhythm 2008. Luzern, 27-29 November 2008.
- 223) Co-chairman: **Catheter ablation of supraventricular tachycardia.** XIII International symposium on progress in clinical pacing. Rome, Italy, 2-5 December 2008.
- 224) **Endocardial or epicardial ablation?** XIII International symposium on progress in clinical pacing. Rome, Italy, 2-5 December 2008.
- 225) **Currently best case reversibility - regression after ablation.** International advisory board Meeting "Emerging upstream therapy of atrial fibrillation - opportunities and challenges". Amsterdam, The Netherlands, 17 December 2008.
- 226) **Different ablation strategies for differet AF types?** International Advanced Workshop for atrial fibrillation. London, Great Britain, 12-13 February 2009.
- 227) **Interpretation of PV potentials: isolation or not? - The essentials of signal interpretation.** International Advanced Workshop for atrial fibrillation. London, Great Britain, 12-13 February 2009.
- 228) **Tips and tricks to validate lesion completeness.** International Advanced Workshop for atrial fibrillation. London, Great Britain, 12-13 February 2009.
- 229) **Catheter ablation and AF: which approach for which patient?** Cardiology update 2009. Davos, 15-20 February 2009.
- 230) **Contact sensing.** 8th Atrial Fibrillation symposium. Roma, Italy, 12-13 March 2009.
- 231) Co-chairman: **Ablation of AF as a first line treatment.** 8th Atrial Fibrillation symposium. Roma, Italy, 12-13 March 2009.
- 232) **El reto de la FA crónica.** Arritmias 2009. Viernes, Las Palmas de Gran Canaria, 18-20 Marzo 2009.
- 233) **Case presentation - Electrophysiology Case vignettes.** ACC 09. Orlando, USA. 28-31 March 2009.
- 234) **Left atrial macroreentrant tachycardias.** ECAS 2009, 5th Annual congress of the European Cardiac Arrhythmia Society, Paris, France. 19-21 April 2009.
- 235) **New catheter ablation tools: real time contact force sensing.** ECAS 2009, 5th Annual congress of the European Cardiac Arrhythmia Society, Paris, France. 19-21 April 2009.

- 236) Co-chairman: **Specific patient problems post AF ablation.** (15 May) Heart Rhythm 2009. 30th Annual Scientific Sessions of the Heart Rhythm Society. Boston, 13-16 May 2009.
- 237) **Dealing with post-AF ablation AT and AFL: After linear lesions.** (15 May) Heart Rhythm 2009. 30th Annual Scientific Sessions of the Heart Rhythm Society. Boston, 13-16 May 2009.
- 238) **Contact force sensing and catheter ablation.** (19th May) Grand rounds at UCLA Cardiac Arrhythmia Center and EP Programs. Los Angeles, 18-20 May 2009.
- 239) Co-chairman: **Outcome of atrial fibrillation ablation: assessment of success.** (23rd June) Europace 2009. Berlin, Germany, 21-24 June 2009.
- 240) **Ablation of atrial fibrillation – a critical overview of indications, techniques and complications (state of art lecture).** 10th International Symposium. Düsseldorf, 18-19 September 2009.
- 241) **More ablation of persistent AF – or not.** Europe AF 2009, 2nd Annual Conference. London, 24-25 September 2009.
- 242) **Iatrogenic post-AF ablation tachycardia/atrial flutter: how to prevent and treat it?** Venice Arrhythmias 2009. Venice, Italy, 4-7 October 2009.
- 243) **Improving the efficacy and safety of catheter ablation.** MiniSymposium on Contact force sensing, 15th Annual Boston Symposium on Atrial Fibrillation. Boston, USA, 14-16 January 2010.
- 244) **Contact force: Improving safety & efficacy of ablation.** 7th Winter Arrhythmia School. Blue Mountain, Ontario, Canada, 5-7 February 2010.
- 245) **Targeted ablation of reentrant atrial tachycardias.** 7th Winter Arrhythmia School. Blue Mountain, Ontario, Canada, 5-7 February 2010.
- 246) **Live-in the box: AF ablation** (19 February). Indian HRS meeting. Mumbai, India, 19 February 2010.
- 247) **They ask, you answer. Discussion panel** (19 February). ISECON. Mumbai, India, 19-21 February 2010.
- 248) **Ablation- the magic wand for whom?** (20 February). ISECON. Mumbai, India, 19-21 February 2010.
- 249) **Future of arrhythmia management.** Guest lecture (21 February). ISECON. Mumbai, India, 19-21 February 2010.
- 250) **Management of supraventricular tachycardia and atrial fibrillation in the critically ill patient.** ACC 10. Atlanta, USA. 14-16 March 2010.
- 251) Co-chairman: **Pearls and pitfalls of ventricular tachycardia ablation** (15 March). ACC 10. Atlanta, USA. 14-16 March 2010.
- 252) **Chairman: Debate “We have all we need to successfully treat AFib”.** (19 March) 9th Atrial Fibrillation Symposium – Berlin, Germany, 18-19 March 2010.
- 253) **Contact force-sensing-technology and force-time integral: RF ablation is more than just “Watts”.** (9 April) Symposium “RF catheter ablation and contact force sensing

technology” during 76. Jahrestagung der Deutschen Gesellschaft für Kardiologie, Mannheim 8-10 April 2010.

- 254) **New technologies for safer energy deliver systems.** (24 April) International Symposium "Update on Atrial Fibrillation 2010". Coburg (Germany), 23-24 April 2010.
- 255) **Different ablation strategies for different AF types?** International Advanced Workshop for Atrial Fibrillation. London, Great Britain, 28-29 April 2010.
- 256) **Difficult AF patients and how to get successful PVI (part 1 and 2 - Round table).** International Advanced Workshop for Atrial Fibrillation. London, Great Britain, 28-29 April 2010.
- 257) **Different techniques for transseptal punctures. Tips and tricks from experts for daily use.** International Advanced Workshop for Atrial Fibrillation. London, Great Britain, 28-29 April 2010.
- 258) **Force-time integral: a new parameter for optimising lesion creation. Usage of contact force measurement for PVI.** International Advanced Workshop for Atrial Fibrillation. London, Great Britain, 28-29 April 2010.
- 259) Chairman of Abstract plus session: **Impact of atrial fibrillation ablation on patient outcomes.** (13 May). Heart Rhythm 2010, 3^{1st} Annual Scientific Sessions, Denver, CO, USA, 12-15 May 2010.
- 260) Co-Chairman : **Ablation of myocardial tissue: let it be light, let it be contact, let it be no gap** (18 June 2010). 17th World Congress Cardiostim 2010 Nice Acropolis, France, 16-19 June 2010.
- 261) Co-Chairman : **Mapping and ablation of left atrial tachycardia after ablation of atrial fibrillation** (16 June 2010). 17th World Congress Cardiostim 2010 Nice Acropolis, France, 16-19 June 2010.
- 262) **Catheter ablation** (18 June 2010). 17th World Congress Cardiostim 2010 Nice Acropolis, France, 16-19 June 2010.
- 263) **Educative session: “EP and ablation The challenging case – part II”** (19 June 2010). 17th World Congress Cardiostim 2010 Nice Acropolis, France, 16-19 June 2010.
- 264) **Advances in AF ablation – Where are we after a decade of trials, tribulations & triumphs? (31 July)** Kansas City Heart Rhythm Symposium, Kansas City, MO, USA, 31 July–1 August 2010.
- 265) **Management of AFib recurrences after AFib ablation** (10 September). 15th Annual Interventional Electrophysiology Symposium on State of the Art in Atrial Fibrillation and Ventricular Tachyarrhythmias. Lugano, 10-11 September 2010.
- 266) **Data of electrophysiologist** (14 September). 24th EACTS Annual Meeting. Geneva, 11-15 September 2010.
- 267) **PVI : Trouble shooting. IHRS 2010.** Hyderabad, India, 1-2 October 2010.
- 268) **PVI : Technique & validation. IHRS 2010.** Hyderabad, India, 1-2 October 2010.
- 269) Chairman: **How contact force and force-time interval can optimise RF ablation.** HRC 2010. Birmingham, Great-Britain, 5 October 2010.

- 270) Chairman : **Issue on atrial fibrillation ablation – Part I.** (22 October) 9th Symposium on advances in cardiovascular Diseases. From calliper to catheters. Turin, 22-23 October 2010.
- 271) **Ablation Workshop: Why you should send me your AF ablation cases.** Contemporary, Challenging and Controversial Issues in Electrophysiology. New York, USA, 6-7 November 2010.
- 272) **Simulator Suite Workshop: Lasso recordings and interpretations.** Contemporary, Challenging and Controversial Issues in Electrophysiology. New York, USA, 6-7 November 2010.
- 273) **Endosense Tacticath (23 November 2010).** Europe AF 2010. London, 22-23 November 2010.
- 274) **Catheter contact force during human right and left atrial mapping.** ICI Meeting 2010, Innovations in cardiovascular interventions. "From Idea to Reality". Tel-Aviv, Israel, 5-7 December 2010.
- 275) **AF ablation: how has the technique and technology developed?** The 7th International Scientific Congress of the Egyptian Cardiac Rhythm Association ECRA. Cairo, Egypt, 15-17 December 2010.
- 276) **Debate: ablation of long standing persistent AF; ablate?** The 7th International Scientific Congress of the Egyptian Cardiac Rhythm Association ECRA. Cairo, Egypt, 15-17 December 2010.
- 277) **Debate: RF ablation of AF first line of treatment: Pro.** The 7th International Scientific Congress of the Egyptian Cardiac Rhythm Association ECRA. Cairo, Egypt, 15-17 December 2010.
- 278) **Case 6: "A difficult AF ablation".** New Swiss Horizons. Lenzerheide, Switzerland. 13-16 January 2011.
- 279) **Case 8: "SVT after previous ablation".** New Swiss Horizons. Lenzerheide, Switzerland. 13-16 January 2011.
- 280) **Lesson AF ablation: Atrium-wall healing to different types of injuries radiofrequency, cryo and ultrasound.** 18th International LDD&R (Local drug delivery meeting and cardiovascular course on revascularization & molecular strategies. Geneva, Switzerland, 6-8 February 2011.
- 281) **Reducing AF recurrence: "Contact force – techniques, technologies and evidence".** Fith European AF:"Together we can". Budapest, Hungary, 9-10 February 2011.
- 282) **Ronald Campbell Lecture "AF Mechanism".** IX International Meeting. Atrial fibrillation and heart failure: the ugly and the nasty. Bologna, Italy. 24-25 February 2011.
- 283) **Debate on edited cases : Validate.** Atrial Fibrillation Symposium – 3rd Practical Sessions. Vienna, Austria, 23 March 2011.
- 284) Chairman: **Anticoagulation after catheter ablation of AFIB in CHADS2 patients – nice or need to have?** (24 March 2011). 10th Atrial Fibrillation symposium. Vienna, Austria, 24-25 March 2011.
- 285) **Catheter ablation of atrial fibrillation II: Techniques and indications** (11 April 2011). ECAS 2011, 7th Annual congress of the European Cardiac Arrhythmia Society, Paris, France. 10-12 April 2011.

- 286) **Anatomy of a startup.** Stanford biodesign new arrhythmia technologies retreat. Stanford University. Stanford, California, USA. 3 May 2011.
- 287) **This is how I ablate AF.** (a state-of-the-art review). Heart Rhythm 2011. 32nd Annual Scientific Sessions of the Heart Rhythm Society. San Francisco, USA, 4-7 May 2011.
- 288) **Antidromic tachycardia – a case-based approach.** Heart Rhythm 2011. 32nd Annual Scientific Sessions of the Heart Rhythm Society. San Francisco, USA, 4-7 May 2011.
- 289) **Panel – live case presentations.** Heart Rhythm 2011. 32nd Annual Scientific Sessions of the Heart Rhythm Society. San Francisco, USA, 4-7 May 2011.
- 290) **Farfield atrial electrograms and pulmonary vein potentials.** Heart Rhythm 2011. 32nd Annual Scientific Sessions of the Heart Rhythm Society. San Francisco, USA, 4-7 May 2011.
- 291) **Contact force.** Summer Arrhythmia Summit 2011. Vilamoura, Portugal. 4-5 June 2011.
- 292) **Post ablation management: drug therapy, anticoagulation and long-term monitoring.** ESC Congress 2011. Paris, France, 27-31 August 2011

18. SEMINAIRES

- 1) **Seminar Leader – Bard Electrophysiology: 2001 Unknown Tracings Seminar.** Boston (U.S.A.), 2 May 2001.
- 2) **Irrigated tip catheters : catheter ablation.** Hamburg Ablation course. Hamburg, November 26-27, 2002.
- 3) **Catheter ablation of atrial fibrillation.** Medtronic Ablation Course. Tolochenaz, December 16-17, 2002.
- 4) **Cardiologie et Médecine de pointe : Ablation et AICD.** 18ème Journée Romande de Cardiologie, Neuchâtel, 13 mars 2003.
- 5) **How to manage recurrences?** XIIème Séminaire Européen de formation – Réunion Européenne de Rythmologie (RETAC). Genève, 19-21 mars 2003.
- 6) **La mort subite : Traitement interventionnel des arythmies ventriculaires sévères.** Rencontres romandes de la stimulation cardiaque. Mont-Pèlerin, 3-4 octobre 2003.
- 7) **Interventional treatment of atrial fibrillation.** Meeting Heart Failure and Arrhythmias. Interlaken, October 23, 2003.
- 8) **La fibrillation auriculaire : l'ablation par radiofréquence : pour qui ?** Progrès des thérapeutiques cardiovasculaires III. Genève, 30 octobre 2003.
- 9) **Ablation par radiofréquence de la fibrillation auriculaire : où en est-on ?** Cours de Perfectionnement en Rythmologie 2004. Les Diablerets, 16-17 janvier 2004.
- 10) **Panel discussion : Is cardiac cell therapy an utopia ? pros and cons.** 10th LDDR – International Local Drug Delivery and cardiovascular Course on Radiation and molecular strategies. Genève, 29-31 janvier 2004.
- 11) **Ablation in atrial fibrillation : Indications and results.** 2. Zürcher Review Kurs in klinischer Kardiologie. 30 avril-1er mai 2004.
- 12) **Traitement des arythmies.** Atelier. Journée Romande de Cardiologie. Changins, 6 mai 2004.
- 13) **Fibrillation auriculaire paroxystique sur coeur sain : La place de l'ablation par radiofréquence.** Colloque "Attitude pratique face à la fibrillation auriculaire" (Fondation de la Tour pour la recherche cardiovasculaire). Genève, 28 octobre 2004.
- 14) **Ateliers interactifs : Fibrillation auriculaire.** Cours de formation postgraduée et continue de la SSMI "Quel partenariat entre internistes/généralistes et spécialistes?". Genève, 11-12 novembre 2004.
- 15) **Fibrillation auriculaire : à éliminer ?** 3ème Rencontres romandes de la stimulation cardiaque. Evian, 30 septembre - 1er octobre 2005.
- 16) **L'ablation par radiofréquence dans les tachycardies ventriculaires : une alternative au défibrillateur ?** Progrès des thérapeutiques cardiovasculaires V. Congrès de formation continue. Genève, 3 novembre 2005.

- 17) **Clinical experience with the open tip irrigated catheter: when and how to use it.** Hamburg Ablation course. Hamburg, 1-2 June 2006.
- 18) **Clinical experience with the open tip irrigated catheter: when and how to use it.** Hamburg Ablation course. Hamburg, 21-22 September 2006.
- 19) **Curative treatment of a spectrum of tachyarrhythmias.** Cardiovascular biology seminar series, CMU. Genève, 26 septembre 2006.
- 20) Co-chairman de la session "**Rythmologie et pharmacologie**". Progrès des thérapeutiques cardiovasculaires VI. Congrès de formation continue. Genève, 5 octobre 2006.
- 21) **Clinical experience with the open tip irrigated catheter: when and how to use it.** Hamburg Ablation course. Hamburg, 30 November-1st December 2006.
- 22) **Les marqueurs de la mort subite.** Réunion d'automne de la SSC. Berne, 22-23 novembre 2006.
- 23) **Supraventricular 4: Atrial reentry including typical and atypical flutter, incisional tachycardia.** EHRA Educational review and preparatory course. Sophia Antipolis, France, 1-3 February 2007.
- 24) **Reentrant atrial tachycardia.** EHRA Educational review and preparatory course. Sophia Antipolis, France, 1-3 February 2007.
- 25) **Lectures ECG.** 21^{ème} Journée Romande de Cardiologie. Posieux (Suisse), 31 mai 2007.
- 26) **Physiopathologie.** Assemblée annuelle de la SSC. Genève, 13-15 juin 2007.
- 27) **Traitement ablatif de flutter atypique.** 4^{ème} Rencontres romandes de la stimulation cardiaque. Evian, 28-29 septembre 2007.
- 28) **Catheter ablation of AFib.** EHRA Preparatory Course in EP. Sophia Antipolis, France, 8-9 February 2008.
- 29) **Rhythm control is the strategy of choice for the management of atrial fibrillation.** Controversies in Cardiology, Workshops, Bern, Switzerland. 17 April 2008.
- 30) **Clinical experience "irrigated tip course" Insight into clinical use of the irrigated tip catheter.** Hamburg Ablation course. Hamburg, 26-27 September 2008.
- 31) **Catheter ablation AF: New perspectives in 2009.** Teaching seminar. 24-25 January 2009, Haifa, Israël.
- 32) **L'ablation de la FA: aujourd'hui et demain? 5000 ablations, 500 isolations pour FA, 100 thoracoscopies pour FA, 10 ans de resynchronisation.** Cliniques universitaires UCL de Mont-Godine, Bruxelles. 27 mars 2009.
- 33) **Le rôle de l'ablation par cathéter dans la prise en charge de la fibrillation auriculaire chronique.** Progrès des thérapeutiques cardiovasculaires IX. Genève, 29 octobre 2009.
- 34) **Rythmologie et insuffisance cardiaque : nouveaux développements.** Insuffisance cardiaque, l'essentiel en 2009. Genève, 26 novembre 2009.
- 35) **New catheters and robotics.** Ateliers d'expertise en rythmologie 2010 (AER) "Nouvelles technologies dans la fibrillation atriale". Paris, 7 octobre 2010.
- 36) **Chairman : Rythmologie et pharmacologie cardiovasculaire.** Progrès des thérapeutiques cardiovasculaires X. Genève, 4 novembre 2010.

- 37) **Electro-stimulation and catheter ablation in the treatment of chronic heart failure.** New Insights in the Medical and Surgical Treatment of Heart Failure. Trans-Alpine Symposium in Cardiology and Cardiovascular Surgery. Geneva, 12 novembre 2010.
- 38) **Chairman: New Developments in ablation therapy.** 5th CREATE Annual advisory meeting 2010. Paris, 11 December 2010.
- 39) **From the surface ECG to modern electrophysiology.** Max Holzmann Lecture, University Hospital of Zürich. Zürich, 23 February 2011.

19. REMARQUES ET COMMENTAIRES

20. DATE ET SIGNATURE

Genève, le

Signature