

## CURRICULUM VITAE

---

Haran BURRI

Born 04.12.1967  
Swiss national  
Married, 2 children

Hospital address: Cardiology Service  
University Hospital of Geneva  
Rue Gabrielle-Perret-Gentil 4  
1211 Geneva 14  
Switzerland

Phone: +41 22 372 72 00  
Fax: +41 22 372 72 29  
E-mail: [haran.burri@hcuge.ch](mailto:haran.burri@hcuge.ch)



- ◆ Associate Professor / Cardiology service, University Hospital, Geneva
- ◆ Chargé de Cours at the University of Geneva
- ◆ FMH in Cardiology with specialisation in electrophysiology
- ◆ FMH in Internal Medicine
- ◆ EHRA competency in cardiac pacing (2006)
- ◆ EHRA competency in cardiac electrophysiology (2008)

### University degrees *(Faculty of Medicine, Geneva, Switzerland)*

---

Swiss Federal Medical Diploma	(1992)
FMH (Swiss specialization) in Cardiology	(2001)
FMH (Swiss specialization) in Internal Medicine	(2001)
Privat Docent	(2007)
Chargé de Cours	(2010)

### Languages

---

- English, French: fluent
- German, Portuguese: working knowledge

## Hospital appointments

---

2002-present	Cardiology Service, University Hospital of Geneva (Prof Sigwart / Prof Mach) Associated Professor Responsibilities in pacing, electrophysiology and echocardiography.
2001-2002	Electrophysiology service, Hôpital Cardiologique Louis Pradel, Lyon (Prof P. Touboul) Beneficiary of a grant from the Swiss National Fund for Research
1999-2001	Cardiology Service, University Hospital of Geneva (Prof P. Delafontaine) Chef de Clinique (2001)
1998-1999	Medical clinic I, University Hospital of Geneva (Prof A. Junod) Chef de Clinique
1997-1998	Cardiology Service, Hôpital de la Tour (Dr A. Bloch) Residency in Cardiology
1994-1997	Medical clinic I, University Hospital of Geneva (Prof A. Junod) Residency in Internal Medicine
1993-1994	Internal Medicine service, Hôpital de Zone d'Aigle (Dr B. Cochet )
1993	Medical clinic I, University Hospital of Geneva (Prof A. Junod )

## Distinctions / awards

---

Fondation de recherche de la Tour, Geneva, 2008

Menarini prize for echocardiography, Société Suisse de Cardiologie, Geneva, 2007

Menarini prize for echocardiography, Société Suisse de Cardiologie, Basel, 2006

Menarini prize for echocardiography, Société Suisse de Cardiologie, Lausanne, 2005

« Swiss ECG open » Société Suisse de Cardiologie, Lausanne, 2005

## Society membership

---

European Heart Rhythm Association (EHRA) Educational Board Co-Chairman

EHRA Health Economics Board member (2010-11)

Swiss Society of Cardiology (SSC)

Working group in Electrophysiology (SSC) committee member

Working group in Echocardiography (SSC)

## Publications

---

1. Burri H, Bennani I, Domenichini G, Sunthorn H, Ganière V, Stettler C, Gentil P, Shah D. **Biatrial pacing improves atrial hemodynamics and atrioventricular timing compared to pacing from the right atrial appendage.** *Europace* 2011;13(9):1262-7
2. Ganiere V, Cassagneau C, Burri H, Defaye P. **Inappropriate mode switch consecutive to P wave double counting.** *Europace* 2011 (*in press*)
3. Burri H. **Cardiac resynchronization therapy for mild to moderate heart failure.** *Expert Rev.* 2011;8(3):313-7
4. Burri H, Heidbüchel H, Jung W, Brugada P. **Remote monitoring: a cost or an investment?** *Europace* 2011; 13, ii44–ii48 *IF 1.706*
5. Boriani G, Burri H, Mantovani L, Maniadakis N, Leyva F, Kautzner J, Lubinski A, Braunschweig F, Jung W, Lozano I, Fattore G. **Device therapy and hospital reimbursement practices across European countries: a heterogeneous scenario.** *Europace* 2011; 13, ii59–ii65. *IF 1.706*
6. Noble S, Roffi M, Burri H. **Use of an Explanted Pacemaker Connected to a Regular Screw-in Lead for Temporary Pacing.** *Rev Esp Cardiol* 2011 (*in press*).
7. Burri H, Fuhrer J, Zwicky P, Sticherling C, Gloor H, Babotai I, Bauersfeld U, Schläpfer J. **2011 guidelines for follow-up of patients with implanted pacemakers and cardioverter defibrillators** (French, German). *Cardiovasc Med* 2011;1(14):16-26
8. Schläpfer J, Babotai I, Bauersfeld I, Burri H, Fuhrer J, Gloor H, Sticherling C, Zwicky P. **Guidelines 2001 on the treatment by cardiac pacing, defibrillation and percutaneous catheter ablation.** *Cardiovasc Med* 2011;1(14):61-5.
9. Fuhrer J, Babotai I, Bauersfeld I, Burri H, Gloor H, Schläpfer J, Sticherling C, Zwicky P. **Guidelines for remote monitoring of implanted devices for diagnosis and treatment of arrhythmias and heart failure** (French, German). *Cardiovasc Med* 2011;14(1):13-15.
10. Noble S, Carballo D, Burri H. **Malignant arrhythmia associated with chest pain and a diagnosis of myocarditis.** *Cardiovasc Med* 2011;14(1):27-8.
11. Ganière V, Burri H. **Remote management of pacemakers and implantable cardioverter defibrillators : an application of telemedicine** (French). *Rev Med Suisse* 2011; 285:548-56.
12. Burri H, Zimmermann M, Shah D. **Ablation de la fibrillation atriale. Techniques et recommandations** (French). *Leading Opinions Kardiologie&Gefässmedizin.* 2010;4:14-16.
13. Burri H. **ECG analysis for confirming septal lead placement: correction of a misconception.** *Europace* 2010;12(12):1660-1 *IF 1.706*
14. Morgan J, Burri H, Binner L, Mansour H, Retzlaff H, Roca M, Gallagher T. **The imperatives of metrics in training.** *EHJ* 2011;32:7-9 *IF 9.8*
15. Burri H, Park C, Zimmermann M, Gentil-Baron P, Stettler C; Sunthorn H, Domenichini G, Shah D. **Utility of the surface ECG for confirming right ventricular septal pacing:**

validation using electroanatomical mapping. *Europace* 2011;13(1):82-6 IF 1.706

16. Senouf D, Burri H. **Suivi à distance des stimulateurs cardiaques et défibrillateurs implantables : état des lieux.** *Cardiovasc Med* 2010;13(10):302–308.
17. Burri H, Quesada A, Ricci RP, Boriani G, Davinelli M, Favale S, Da Costa A, Kautzner J, Moser R, Navarro X, Santini M. **The MONitoring Resynchronization dEVICES and CARdiac patiEnts (MORE-CARE) study: rationale and design.** *Am Heart J*. 2010;160(1):42-8. IF 4.285
18. Burri H, Domenichini G, Sunthorn H, Fleury E, Stettler E, Shah D. **Right ventricular ejection fraction and cardiac resynchronization therapy.** *Europace* 2010;12(3):389-94 IF 1.706
19. Müller H, Burri H, Gentil P, Lerch R, Shah D **Measurement of left atrial volume in patients undergoing ablation for atrial fibrillation: comparison of angiography and electro-anatomic (CARTO) mapping with real-time three-dimensional echocardiography.** *Europace* 2010;12(6):792-7. IF 1.706
20. Ruiter J, E M, Schuchert A, Burri H, M S, Hartikainen JE, Sermasi S, Vlasinova J, Mairesse G, Bub E, Lewalter T. **The feasibility of fully automated pacemaker advice in treating atrial tachyarrhythmias.** *Pacing Clin Electrophysiol*. 2010;33(5):605-14
21. Conti L, Tran N, Burri H, Zimmermann M. **Failure of an Implantable Cardioverter Defibrillator to Terminate Ventricular Tachycardia: Why? (Case report)** *Pacing Clin Electrophysiol* 2010;33(2):228-30. IF 1.590
22. Müller H, Frangos C, Fleury E, Righetti A, Lerch R, Burri H. **Measurement of left ventricular ejection fraction by real-time 3D echocardiography in patients with severe systolic dysfunction: comparison with radionuclide angiography.** *Echocardiography*. 2010;27(1):58-63 IF 1.429
23. Burri H, Müller H, Foulkes I, Fleury E, Stettler C, Schindler T, Lerch R, Ratib O. **A head-to-head comparison of echocardiography and radionuclide ventriculography for diagnosing ventricular dyssynchrony** *Cardiovasc Med* 2010;13(04):115-121.
24. Zwicky P, Burri H, Schär B, Schwick N, Bauersfeld U, Babotai I, Fuhrer J, Gloor H, Schläpfer J, Sticherling C. **Checklist for perioperative management of pacemakers and ICD patients [German].** *Cardiovasc Med* 2010;13(5):177–182.
25. Burri H, Gerritse B, Davenport L, Demas M, Sticherling C. **Fluctuation of left ventricular thresholds and required safety margin for left ventricular pacing with cardiac resynchronization therapy.** *Europace* 2009;11 (7):931-6 IF 1.706
26. Burri H, Senouf D. **Remote monitoring and follow-up of pacemakers and implantable cardioverter defibrillators.** *Europace* 2009; 11 (6), 701–709. IF 1.706
27. Burri H, Piguët V. **UninTENSional pacemaker interactions with transcutaneous electrical nerve stimulation (editorial).** *Europace* 2009 ;11: 283–284. IF 1.706
28. Fassa A, Didier D, Burri H. **Just pulmonary embolism?** *Med Cardiovasc* 2009;12(12):336-338.
29. Müller H, Burri H, Gentil P, Lerch R, Shah D. **Electro-anatomic (CARTO) mapping for measurement of let atrial volume: validation against real-time 3D echocardiography.** *Open Cardiovasc Imaging J* 2009;1:16-21.

30. Park C, Burri H. **Osborn waves due to severe hypothermia** (case report) *Med Cardiovasc* 2009;12(1):17–19.
31. Burri H, Sunthorn H, Zimmermann M, Stettler C, Shah D. **Backup right ventricular pacing with a 0.035" guidewire during implantation of left ventricular leads.** *Pacing Clin Electrophysiol* 2009;32(S1):S12-15. *IF 1.590*
32. Zimmermann M, Testuz A, Schmutz M, Burri H. **Narrow-complex tachycardia with cycle length alternans: What is the mechanism?** (case report) *Heart Rhythm* 2009 6(8):1238-9 *IF 4.203*
33. Jadidi AS, Sunthorn H, Burri H, Gentil-Baron P, Shah D. **Is this atrial fibrillation?** (case report) *Ann Noninvasive Electrocardiol.* 2009;14(1):96-8. *IF 1.120*
34. Berney Lamielle M, Burri H. **Place de la resynchronisation dans le traitement de l'insuffisance cardiaque** (French) *Rev Med Suisse* 2009;5:504-508.
35. Burri H, Sunthorn H, Somsen A, Fleury E, Stettler C, Shah D, Righetti A. **Improvement in cardiac sympathetic nerve activity in responders to resynchronization therapy.** *Europace* 2008; 10(3):374-8. *IF 1.706*
36. Burri H, Müller H, Vieira I, Lerch R. **Poor agreement of echographic measures of dyssynchrony.** *Eur J Echocardiography* 2008; 9(2):235-40. *IF 1.429*
37. Muller H, Noble S, Keller P-F, Sigaud P, Gentil P, Lerch R, Shah D, Burri H. **Biatlial anatomical reverse remodelling after radiofrequency catheter ablation for atrial fibrillation: evidence from real-time three-dimensional echocardiography.** *Europace* 2008;10(9):1073-8. *IF 1.706*
38. Burri H: **Ventricular oversensing in 518 patients with implanted cardiac defibrillators: incidence, complications, and solutions.** (letter) *Europace* 2008;10(2):258-9. *IF 1.706*
39. Muller H, Burri H, Lerch R. **Evaluation of right atrial size in patients with atrial arrhythmias: comparison of 2D versus real time 3D echocardiography.** *Echocardiography* 2008;25(6):617-23. *IF 1.429*
40. Burri H, Frangos C, Lerch R. **Systolic dysfunction induced by right ventricular apical pacing: Visualization of using real time 3-D echocardiography.** *Heart* 2008;94(12):1533. *IF 4.964*
41. Burri H, Sunthorn H, Dorsaz P.A, Vieira I, Shah D. **Thresholds and complications with right ventricular septal pacing compared to apical pacing.** *Pacing Clin Electrophysiol* 2007; 30 (S1):S75-8. *IF 1.590*
42. Shah D, Sunthorn H, Burri H, Gentil-Baron P. **Evaluation of an Individualized Strategy of Cavotricuspid Isthmus Ablation as an Adjunct to Atrial Fibrillation Ablation.** *J Cardiovasc Electrophysiol* 2007;18(9):926-30 *IF 3.798*
43. Burri H, Noble S, Sunthorn H, Shah D. **Utility of the surface ECG for predicting atrial electrogram amplitude of VDD pacemakers.** *Int J Cardiol* 2007; 117(2):211-3). *IF 3.121*
44. Bennani I, Burri H. **A patient with Sjögren's syndrome, fever and palpitations** (case report). *Médecine Cardiovasculaire.* 2007;10:337-8.
45. Burri H, Sunthorn H, Shah D, Lerch R. **Optimization of device programming for cardiac resynchronization therapy.** *Pacing Clin Electrophysiol* 2006;29(12):1416-25 *IF 1.590*

46. Burri H. **The quest for an optimal left ventricular lead position for cardiac resynchronization therapy** (editorial). *Heart Rhythm* 2006;3(11):1293-4 IF 4.203
47. Burri H, Lerch R. **Utility of echocardiography for tailoring cardiac resynchronization therapy**. *Med Cardiovasc* 2006;9:188-196.
48. Burri H, Lerch R. **Echocardiography and patient selection for cardiac resynchronization therapy: a critical appraisal**. *Heart Rhythm* 2006;3(4):474-9. IF 4.203
49. Somsen A, Verberne, H, Burri H, Ratib O, Righetti A. **Ventricular mechanical dyssynchrony and resynchronisation therapy in heart failure, a new indication for Fourier analysis of gated blood-pool radionuclide ventriculography**. *Nucl Med Commun* 2006;27(2):105-12 IF 1.706
50. Burri H, Chevalier P, Fayn, J, Forlini, MC, Rubel, P Touboul P. **Beat-to-beat variations of the ECG in survivors of sudden death without structural heart disease**. *J Electrocardiol* 2006 ;39(3):253-8 IF 1.126
51. Burri H, Sunthorn H, Shah D. **Simulation of anteroseptal myocardial infarction by ECG filters**. *J Electrocardiol* 2006;39(3):310-4. IF 1.126
52. Shah D, Sunthorn H, Burri H, Gentil-Baron P, Pruvot E, Schlaepfer J, Fromer M. **Narrow, Slow-Conducting Isthmus Dependent Left Atrial Reentry Developing After Ablation for Atrial Fibrillation: ECG Characterization and Elimination by Focal RF Ablation**. *J Cardiovasc Electrophysiol*. 2006 ;17(5):508-15. IF 3.798
53. Burri H, Chevalier P, Arzi M, Rubel P, Touboul P **Wavelet transform for analysis of heart rate variability preceding ventricular arrhythmias in patients with ischemic heart disease**. *Int J Cardiol* 2006;109(1):101-7. IF 3.121
54. Schiffer E, Majno P, Mentha G, Giostra E, Burri H, Klopfenstein CE, Beaussier M, Morel P, Hadengue A, Pastor CM. **Hepatopulmonary syndrome increases the postoperative mortality rate following liver transplantation: a prospective study in 90 patients**. *Am J Transplant*. 2006;6(6):1430-7. IF 6.559
55. Chevalier P, Cottraux J, Mollard E, Yao Sai N, Burri H, Restier L, Adeleine P, Touboul P **Prevention of implantable-defibrillator shocks by cognitive behavioral therapy**. *Am Heart J* 2006 ;151(1): 151(1):191 IF 4.285
56. Sunthorn H, Hasija P, Burri H, Shah D. **Unsuccessful AV nodal ablation in atrial fibrillation: an alternative method to achieve complete heart block**. (Case report) *PACE* 2005;28:1247-49 IF 1.590
57. Burri H, Sunthorn H, Somsen A, Zaza S, Fleury E, Shah D, Righetti A. **Optimizing sequential biventricular pacing using radionuclide ventriculography**. *Heart Rhythm* 2005;2(9):960-5. IF 4.444
58. Burri H, Sigwart U. **Technology Insight: transcatheter ablation of septal hypertrophy**. *Nature Clin Practice Cardiovasc Med* 2005;2(2):101-8.
59. Shah D, Sunthorn H, Burri H, Gentil P. **How to ablate left atrial flutter**. *Heart Rhythm*. 2005 Oct;2(10):1153-7. IF 4.444
60. Shah D, Dumonceau JM, Burri H, Sunthorn H, Schrott A, Gentil-Baron P, Yokoyama Y, Takahashi A. **Acute pyloric spasm and gastric hypomotility: an extracardiac adverse**

**effect of percutaneous radiofrequency ablation for atrial fibrillation.** *J Am Coll Cardiol* 2005;46:327-30. *IF* 9.13

61. Noble S, Burri H., Sunthorn H. **Complete section of pacemaker lead due to subclavian crush** (case report). *Med J Aus* 2005;182(12):643. *IF* 3.320
62. Burri H., Lerch R. **Visualization of cardiac resynchronization using real-time three-dimensional echocardiography** (case report). *Heart Rhythm* 2005;2:447-8. *IF* 4.444
63. Burri H., Sunthorn H, Dorsaz PA, Shah D. **Prospective study of axillary vein puncture with or without contrast venography for pacemaker and defibrillator lead implantation.** *Pacing Clin Electrophysiol* 2005;28(1 Suppl):S280-3. *IF* 1.590
64. Chevalier P, Burri H., Fahrat F, Cucherat M, Jegaden O, Obadia JF, Kirkorian G, Touboul P. **Perioperative outcome and long-term survival of surgery for acute post-infarction mitral regurgitation.** *Eur J Cardiothorac Surg.* 2004 : 26(2):330-5. *IF* 1.61
65. Burri H., Sunthorn H, Shah D. **Complications of pacemaker leads** (case report). *Heart* 2003;89(12):1429. *IF* 4.964
66. Burri H., Chevalier P, Kirkorian G, Touboul P. **A diagnostic pitfall in a patient with an implantable cardioverter defibrillator** (case report). *Heart* 2003;89:470. *IF* 4.964
67. Durand-Dubief A, Burri H., Chevalier P, Touboul P. **Short-coupled variant of torsade de pointes with intractable ventricular fibrillation: life-saving effect of cardiopulmonary bypass** (case report). *J Cardiovasc Electrophysiol* 2003;14:1. *IF* 3.798
68. Stevens R, Burri H., Tramèr M. **Pharmacological strategies for myocardial protection in patients undergoing non-cardiac surgery: a meta-analysis of randomised controlled trials.** *Anesth Analg* 2003;97:623-33. *IF* 2.590
69. Chevalier P, Durand-Dubief A, Burri H., Cucherat M, Kirkorian G, Touboul P. **Amiodarone versus placebo and class Ic drugs for cardioversion of recent-onset atrial fibrillation : a meta-analysis.** *JACC* 2003;41(2):255-262. *IF* 11.438
70. Chevalier P, Burri H., Adeleine P, Kirkorian G, Lopez , Leizorovicz A, André-Fouët X, Chapon P, Rubel P, Touboul P. **QT dynamicity and Sudden Death After Myocardial Infarction: Results of a Long-term Follow-up Study.** *J Cardiovasc Electrophysiol* 2003;14(3):1-7. *IF* 3.798
71. Burri H., Vuille C, Sierra J, Didier D, Lerch R, Kalangos A. **Drainage of the inferior vena cava to the left atrium** (case report and review). *Echocardiography* 2003;20(2):45-50. *IF* 1.429
72. Burri H., Vuille C, Sierra J. **Papillary fibroelastoma as a cause of cardioembolic stroke** (case report). *Heart* 2002; 88:216. *IF* 4.964
73. Burri H., Didier D, Diebold-Berger S. **Erdheim Gsell disease as a cause of giant aneurysm of the ascending aorta** (case report). *Heart* 2002; 87: 22. *IF* 4.964
74. Burri H., Zimmermann M, Bloch A. **Orthogonal leads for the measurement of QT dispersion: a comparison with conventional leads.** *Int J Cardiol* 2000 (75):245-248. *IF* 3.121
75. Burri H., Bloch A, Hauser H. **Characterization of an unusual right atrial mass by echocardiography, magnetic resonance imaging, computed tomography and**

**angiography** (case report). *Echocardiography* 1999;16(4):393-396. IF 1.429

76. Wicki J, Rutschmann O, Burri H, Vecchiotti G, Desmeules J. **Rhabdomyolysis after correction of hyponatremia due to psychogenic polydipsia possibly complicated by clozapine.** (case report) *Ann Pharmacother* 1998;32(9):892-5. IF 1.74
77. Burri H, Loutan L, Kumaraswami V, Vijayasekaran V. **Skin changes in chronic lymphatic filariasis.** *Trans R Soc Trop Med Hyg.* 1996;90(6):671-4. IF 1.75

## **Book chapters**

---

1. Burri H. **Tachycardies supra-ventriculaires.** In : *Guidelines TURBO. Médecine d'urgence.* Editions\_d\_f@net2000.ch. 2010 : 120-148.
2. Burri H. Delacretaz. **Biventricular pacing.** In: *Current Best Practice in Interventional Cardiology;* Wiley-Blackwell publishing 2010:129-145.
3. Sigwart U, Burri H. **Catheter Intervention for hypertrophic obstructive cardiomyopathy.** In: *Percutaneous Interventions in Congenital Heart Disease.* Sievert H. (ed). Informa Healthcare, 2007: 495-502.
4. Burri H. **Tachycardies à QRS fins. Syndrome de pré-excitation.** In : *SURF. Guide thérapeutique de Médecine Interne.* Editions\_d\_f@net2000.ch. 2006 : 235-49.
5. Burri H. Sigwart U. **Alcohol septal ablation for hypertrophic obstructive cardiomyopathy.** In: *Interventional Cardiology. Percutaneous Noncoronary Intervention.* Hermann HC (ed). Humana Press, 2005.
6. Burri H, Sigwart U. **Septal Ablation in the Management of Hypertrophic Obstructive Cardiomyopathy.** In: *Harrison's Principles of Internal Medicine, 15<sup>th</sup> ed.* 2003. Mc Graw-Hill. [www.harrisonsonline.com](http://www.harrisonsonline.com)



## Abstracts

---

1. Ganière V, Niculescu G, Domenichini G, Stettler C, Defaye P, Burri H. **A novel ECG algorithm for diagnosing loss of left ventricular capture in cardiac resynchronization therapy** *Europace* 2011
2. Domenichini G, Boriani G, Valzania C, Sunthorn H, Biffi M, Foulkes H, Gavaruzzi G, Burri H. **Baseline QRS morphology: a tool to predict biventricular systolic function response to cardiac resynchronization therapy** *Europace* 2011
3. Ganière V, Niculescu G, Domenichini G, Stettler C, Defaye P, Burri H. **A novel ECG algorithm for diagnosing loss of left ventricular capture in cardiac resynchronization therapy** *Cardiovasc Med* 2011; 14(5):25S
4. Domenichini G, Boriani G, Valzania C, Sunthorn H, Biffi M, Foulkes H, Gavaruzzi G, Burri H. **Baseline QRS morphology: a tool to predict biventricular systolic function response to cardiac resynchronization therapy** *Cardiovasc Med* 2011; 14(5):24S
5. Testuz A, Müller H, Keller PF, Meyer P, Sekoranja L, Vuille C, Burri H **Diagnostic accuracy of picket-sized handheld echocardiographs used by cardiologists in the acute care setting** *Cardiovasc Med* 2011; 14(5):82S
6. Burri H, Domenichini G, Ganière V, Stettler C, Sunthorn H. **Comparison of stylet shapes for right ventricular septal lead implantation.** *Europace* 2010;12(S1):30.
7. Burri H, Benami I, Domenichini G, Ganière V, Sunthorn H, Gentil P, Stettler P, Shah D. **Biatrial pacing improves left atrio-ventricular timing compared to right atrial appendage pacing.** *Europace* 2010;12(S1):166.
8. Domenichini G., Sunthorn H., Fleury E., Stettler C., Foulkes H., Shah D., Burri H. **Ventricular pacing does not adversely affect right ventricular systolic function.** *Europace* 2010;12(S1):39.
9. Park C-I, Zimmermann M, Sunthorn H, Domenichini G, Gentil-Baron P, Shah D, Burri H. **Is the surface ECG useful for confirming right ventricular septal pacing? Validation using electroanatomical mapping.** *Europace* 2010;12(S1):33.
10. Zimmermann M, Burri H. **Characteristics of unsuccessful radiofrequency catheter ablation for supraventricular arrhythmias.** *Europace* 2010;12(S1):114.
11. Park C-I, Zimmermann M, Sunthorn H, Domenichini G, Gentil-Baron P, Shah D, Burri H. **Utility of the surface ECG for confirming right ventricular septal pacing: validation using electroanatomical mapping.** *Heart Rhythm* 2010; 7(5): S184.
12. Domenichini G, Sunthorn H, Fleury E, Stettler C, Foulkes H, Shah D, Burri H. **Right ventricular pacing and right ventricular systolic function: a long-term evaluation.** *Heart Rhythm* 2010; 7(5): S427
13. Domenichini G, Sunthorn H, Fleury E, Stettler C, Foulkes H, Shah D, Burri H. **Pacing from the right ventricular apex versus the interventricular septum: a prospective randomized long-term study.** *Heart Rhythm* 2010; 7(5): S80.
14. Shah DC, Sunthorn H, Burri H, Gentil-Baron P. **The role of conduction block across linear left atrial lesions for the prevention of atrial re-entrant tachycardias after catheter ablation of chronic atrial fibrillation.** *Heart Rhythm* 2010; 7(5): S68.

15. Shah DC, Sunthorn H, Burri H, Gentil-Baron P. **Does prolonged post PVI surveillance reduce PV conduction recurrence?** *Heart Rhythm* 2010; 7(5): S393.
16. Sunthorn H, Delacrétaz E, Rotter M, Burri H, Gentil P, Shah D. **Prospective randomized comparison of 4-mm and 2-mm open tip irrigated catheter for cavotricuspid isthmus ablation.** *Heart Rhythm* 2010; 7(5): S398.
17. Domenichini G, Sunthorn H, Fleury E, Foulkes H, Stettler C, Shah D, Burri H. **Right ventricular systolic function in right ventricular pacing: a long-term evaluation.** *J Interv Card Electrophysiol* 2010; 27(3):203
18. Domenichini G, Sunthorn H, Fleury E, Foulkes H, Stettler C, Shah D, Burri H. **Right ventricular pacing in apical versus septal position: a prospective randomized long-term study.** *J Interv Card Electrophysiol* 2010; 27(3):203.
19. Domenichini G, Ganiere V, Sunthorn H, Stettler C, Burri H. **Comparison between two different implant techniques to attain a right ventricular septal lead position.** *J Interv Card Electrophysiol* 2010; 27(3):205.
20. Burri H, Benami I, Domenichini G, Ganière V, Sunthorn H, Gentil P, Stettler P, Shah D. **Biatrial pacing improves left atrio-ventricular timing compared to right atrial appendage pacing.** *Cardiovasc Med* 2010;13(5):34S.
21. Domenichini G, Sunthorn H, Fleury E, Foulkes H, Stettler C, Shah D, Burri H. **Right ventricular pacing does not adversely affect right ventricular systolic function.** *Cardiovasc Med* 2010;13(5):35S.
22. Domenichini G, Sunthorn H, Fleury E, Foulkes H, Stettler C, Shah D, Burri H. **Apical versus septal right ventricular pacing: a prospective randomized long-term study.** *Cardiovasc Med* 2010;13(5):35S.
23. Park C-I, Zimmermann M, Sunthorn H, Domenichini G, Gentil-Baron P, Shah D, Burri H. **Is the surface ECG useful for confirming right ventricular septal pacing? validation using electroanatomical mapping.** *Cardiovasc Med* 2010;13(5):34S.
24. Burri H, Domenichini G, Ganière V, Stettler C, Sunthorn H. **Comparison of stylet shapes for right ventricular septal lead implantation.** *Cardiovascular Medicine* 2010;13(5):60S.
25. Burri H, Sunthorn H, Domenichini G, Stettler C, Shah D **A prospective randomized trial comparing right ventricular septal pacing with apical pacing.** *Europace* 2009. Abstr. 669.
26. Müller H, Burri H, Gentil-Baron P, Lerch R, Shah D. **Measurement of left atrial volume in patients undergoing ablation for atrial fibrillation: comparison of angiography and electro-anatomic (CARTO) mapping with real-time 3D echocardiography.** *Europace* 2009;Abstr. 422.
27. Fassa A.-A., Ashrafpoor G., Sunthorn H., Burri H, Gentil-Baron P., Shah D. **Clinical profile, electrophysiological characteristics and outcome after radiofrequency catheter ablation of atypical atrial flutter.** *Europace* 2009. Abstr. 359.
28. Sunthorn H, Burri H, Gentil P, Shah D. **Open tip irrigated catheter for typical atrial flutter ablation: can we minimize the cooling flow ?** *Europace* 2009. Abstr. 417.

29. Meiltz A, Sunthorn H, Burri H, Schaerer N, Shah D. **Signal-averaged ECG: a new reliable predictor of response to cardiac resynchronization therapy?** *Europace* 2009. Abstr. 1010.
30. Burri H, Sunthorn H, Domenichini G, Stettler C, Shah D. **Changes in ventricular function with right ventricular septal pacing compared to apical pacing: a prospective randomised trial.** *Med Cardiovasc* 2009; 12(5): S14.
31. Müller H, Burri H, Gentil-Baron P, Lerch R, Shah D. **Measurement of left atrial volume in patients undergoing ablation for atrial fibrillation: comparison of angiography and electro-anatomic (CARTO) mapping with real-time 3D echocardiography.** *Med Cardiovasc* 2009;12(5): S 44.
32. Senouf D, Sunthorn H, Shah C, Stettler, Burri H. **Does remote monitoring of implantable defibrillators increase the workload of the pacemaker clinic? Initial experience with the CareLink network.** *Med Cardiovasc* 2009; 12(5): S51.
33. Müller H, Burri H, P. Gentil, R. Lerch, D. Shah. **Measurement of left atrial volume in patients undergoing ablation for atrial fibrillation: comparison of angiography and electroanatomic (CARTO) mapping with real-time 3D echocardiography.** *Arch Cardiovasc Dis* 2009; 102: 361-369
34. Burri H Bennani I, Stettler C, Gentil-Baron P, Sunthorn H, Shah D. **Acute effects of alternative atrial pacing sites on left atrial hemodynamics.** *Heart Rhythm* 2008;5(5):S285.
35. Burri H, Gerritse B, Moser R, Sticherling C. **Fluctuations in left ventricular thresholds with cardiac resynchronisation therapy: insight from automated ventricular capture algorithm.** *Heart Rhythm* 2008;5(5):S137.
36. Burri H, Muller H, Noble S, Keller P-F, Sigaud P, Gentil P, Lerch R, Shah D. **Biatrial anatomical reverse remodelling after radiofrequency catheter ablation for atrial fibrillation: evidence from real-time three-dimensional echocardiography.** *Europace* 2008;10(Suppl.1):127.
37. Burri H, Gerritse B, Moser R, Sticherling C. **What safety margin should be programmed for left ventricular pacing?** *Europace* 2008;10(Suppl.1):71.
38. Burri H, Bennani I, Stettler C, Gentil-Baron P, Sunthorn H, Shah D. **Coronary sinus pacing yields more favourable left atrial haemodynamics than right atrial appendage pacing.** *Europace* 2008;10(Suppl.1):26.
39. Burri H, Sunthorn H, Zimmermann M, Stettler C, Shah D. **Use of a standard 0.35 inch guidewire for backup pacing during coronary sinus lead implantation.** *Europace* 2008;10(Suppl.1):26.
40. Burri H, Müller H, Noble S, Keller PF, Sigaud P, Sunthorn H, Gentil-Baron P, Lerch R, Shah D. **Real-time 3D echocardiography shows biatrial reverse remodelling after pulmonary vein isolation for atrial fibrillation.** *Med Cardiovasc* 2008;11(5): Suppl 16: 24S.
41. Burri H, Gerritse B, Moser R, Sticherling C. **Daily fluctuations in left ventricular thresholds with cardiac resynchronisation therapy: insight from automated ventricular capture algorithm.** *Med Cardiovasc* 2008;11(5): Suppl 16: 12S
42. Burri H Bennani I, Stettler C, Gentil-Baron P, Sunthorn H, Shah D. **Coronary sinus pacing yields more favourable left atrial haemodynamics than right atrial**

- appendage pacing.** *Med Cardiovasc* 2008;11(5): Suppl 16: 9S.
43. Ashrafpoor G, Fassa A, Sunthorn H, Burri H, Gentil-Baron P, Shah D. **Clinical profile, electrophysiological characteristics and outcome after radiofrequency ablation of atypical atrial flutter.** *Med Cardiovasc* 2008;11(5): Suppl 16: 12S
  44. Burri H, Sunthorn H, Fleury E, Vieira I, Foulkes I, Shah D, Schindler T, Righetti A. **Does cardiac resynchronization therapy improve right ventricular ejection fraction?** PO 320. *Europace* 2007;9 (Suppl 3):iii67
  45. Burri H, Fleury E, Sunthorn H, Foulkes I, Vieira I, Shah D, Righetti A. **Increase in left ventricular ejection fraction with resynchronization therapy is associated with improved cardiac sympathetic activity assessed by 123-MIBG scintigraphy.** PO 390. *Europace* 2007;9 (Suppl 3):iii87
  46. Burri H, Sunthorn H, Vieira I, Shah D. **Temporary pacing of the right ventricle using a standard guidewire: a useful trick in the advent of complete heart block during coronary sinus lead implantation.** (PO 343). *Europace* 2007;9 (Suppl 3):iii73
  47. Burri H, Sunthorn H, Fleury E, Vieira I, Foulkes I, Shah D, Righetti A. **Relation between subjective and objective response to cardiac resynchronization therapy.** PO 357. *Europace* 2007;9 (Suppl 3):iii78
  48. Burri H, Fleury E, Sunthorn H, Vieira I, Foulkes I, Shah D, Schindler T, Righetti A. **Increase in left ventricular ejection fraction with resynchronization therapy is associated with improved cardiac sympathetic activity assessed by 123-MIBG scintigraphy.** *Med Cardiovasc* 2007;10 (Suppl 13):8S
  49. Burri H, Sunthorn H, Fleury E, Vieira I, Foulkes I, Shah D, Schindler T, Righetti A. **Right ventricular systolic dysfunction and response to cardiac resynchronization therapy.** *Med Cardiovasc* 2007;10 (Suppl 13):8S
  50. Burri H, Sunthorn H, Fleury E, Vieira I, Foulkes I, Shah D, Schindler T, Righetti A. **Does cardiac resynchronization therapy improve right ventricular ejection fraction?** *Med Cardiovasc* 2007;10 (Suppl 13):8S
  51. Burri H, Sunthorn H, Fleury E, Vieira I, Foulkes I, Shah D, Schindler T, Righetti A. **A head-to-head comparing of nuclear phase analysis and tissue Doppler imaging for assessing ventricular dyssynchrony in patients with left ventricular systolic dysfunction.** *Med Cardiovasc* 2007;10 (Suppl 13):22S
  52. Burri H, Sunthorn H, Fleury E, Vieira I, Foulkes I, Shah D, Schindler T, Righetti A. **Right ventricular systolic dysfunction and response to cardiac resynchronization therapy.** *Heart Rhythm* 2007; 4(5): S380.
  53. Burri H, Fleury E, Sunthorn H, Vieira I, Foulkes I, Shah D, Schindler T, Righetti A. **Increase in left ventricular ejection fraction with resynchronization therapy is associated with improved cardiac sympathetic activity assessed by 123-MIBG scintigraphy.** *Heart Rhythm* 2007; 4(5): S83.
  54. Burri H, Sunthorn H, Dorsaz PA, Vieira I, Shah D. **Evolution of thresholds and requirement for lead repositioning: comparison of right ventricular septal and apical pacing.** *Europace* 2006;8(Suppl1):203/2
  55. Schuchert A, Ruitter JH, Burri H, Stühlinger MC, Hartikainen J, Sermasi S, Vlasinova J, Mairesso GH, Bub E, Lewalter T. **Frequency of messages generated by the Therapy Advisor™ and their impact on AF management of pacemaker patients.** *Europace*

2006;8(Suppl1):213/5

56. Shah D, Burri H, Sunthorn H, Gentil-Baron P. **A large prospective series of curative catheter ablation tailored respectively to paroxysmal or persistent and permanent atrial fibrillation.** *Med Cardiovasc* 2006;9(Suppl 12):7S
57. Burri H, Müller H, Noble S, Sunthorn H, Sigaud P, Keller P.F, Gentil P, Lerch R, Shah D. **Left atrial remodelling after pulmonary vein isolation for atrial fibrillation: evidence from real-time 3D echocardiography.** *Med Cardiovasc* 2006;9(Suppl 12):7S
58. Burri H, Sunthorn H, Gentil P, Shah D. **Restoration of sinus rhythm during pulmonary vein isolation predicts primary success of radiofrequency ablation for paroxysmal atrial fibrillation.** *Med Cardiovasc* 2006;9(Suppl 12):15S
59. Burri H, Sunthorn H, Fleury E, Vieira I, Foulkes I, Shah D, Righetti A. **Relationship between clinical improvement and increase in left ventricular ejection fraction in patients with biventricular pacing.** *Med Cardiovasc* 2006;9(Suppl 12):32S
60. Burri H, Sunthorn H, Dorsaz PA, Vieira I, Shah D. **Acute and chronic thresholds and requirement for lead repositioning with right ventricular septal pacing compared to apical pacing.** *Med Cardiovasc* 2006;9(Suppl 12):32S
61. Burri H, Sierra J, Sunthorn H, Shah D. **Selective site pacing of the right ventricle using a steerable catheter-delivered pacing lead.** *Med Cardiovasc* 2006;9(Suppl 12):48S
62. Burri H, Müller H, Lerch R. **Importance of measurement technique for assessing ventricular dyssynchrony using pulsed-wave tissue Doppler imaging.** *Med Cardiovasc* 2006;9(Suppl 12):64S
63. Shah D, Sunthorn H, Burri H, Gentil-Baron P. **Long-term follow-up after curative atrial fibrillation.** *Med Cardiovasc* 2006;9(Suppl 12):32S
64. Burri H, Sunthorn H, Dorsaz PA, Vieira I, Shah D. **Electrical performance and requirement for lead repositioning of right ventricular septal pacing compared with apical pacing.** *Heart Rhythm* 2006;3(1S): S141.
65. Shah D, Sunthorn H, Burri H, Gentil-Baron P. **Should cavotricuspid isthmus ablation be a routine part of ablation for atrial fibrillation for every patient?** *Heart Rhythm* 2006;3(1S): S245.
66. Shah D, Burri H, Sunthorn H, Gentil-Baron P. **Identifying far field superior vena cava potential within the right superior pulmonary vein.** *Heart Rhythm* 2006;3(1S): S324.
67. Shah D, Lio G, Aeiby N, Gentil-Baron P, Burri H, Sunthorn H. **Evaluation of a new catheter sensor for real-time measurement of tissue contact.** *Heart Rhythm* 2006;3(1S): S75.
68. Shah D, Sunthorn H, Burri H, Gentil-Baron P, Pruvot E, Schlaepfer J, Fromer M. **ECG characterisation of narrow, slow-conducting isthmus dependent left atrial reentry developing after ablation for atrial fibrillation.** *Heart Rhythm* 2006;3(1S): S15.
69. Burri H, Müller H, Lerch R. **Measuring ventricular asynchrony using standard echocardiography or tissue Doppler imaging: do the results agree?** *Eur Heart J* 2005;26:S211

70. Burri H, Frangos C, Müller H, Fleury E, Righetti A, Lerch R. **Measurement of left ventricular ejection fraction by 3D echocardiography in patients with severe systolic dysfunction: validation against nuclear angiography.** *Eur Heart J* 2005;26:S143.
71. Burri H, Sierra J, Djebaili K, Panos A, Murith N, Sunthorn H, Shah D. **Percutaneous transfemoral pacemaker and defibrillator lead extraction.** *Med Cardiovasc* 2005;8(S8):55.
72. Burri H, Zaza S, Sunthorn H, Fleury E, Righetti A. **Does sequential biventricular pacing improve interventricular asynchrony compared to synchronous pacing?** *Med Cardiovasc* 2005;8(S8):41
73. Burri H, Zaza S, Sunthorn H, Fleury E, Righetti A. **Does programming an interventricular interval for biventricular pacing improve left ventricular ejection fraction?** *Eur J Heart Fail* 2005;4(S1):188.
74. Burri H, Frangos C, Müller H, Fleury E, Righetti A, Lerch R. **Measurement of left ventricular ejection fraction by 3D echocardiography in patients with severe systolic dysfunction: validation against nuclear angiography.** *Eur J Heart Fail* 2005;4(S1):98.
75. Burri H, Müller H, Lerch R. **Measuring ventricular asynchrony using standard echocardiography or tissue Doppler imaging: do the results agree?** *Eur J Heart Fail* 2005;4(S1):98.
76. Müller H, Burri H, Sunthorn H, Shah D, Lerch R. **Evaluation of left atrial size in patients undergoing ablation for atrial arrhythmias: comparison of standard versus real-time 3D echocardiography.** *Arch Mal Coeur Vaisseaux* 2005 ;98(S3) :67
77. Burri H, Müller H, Sunthorn H, Gentil P, Lerch R, Shah D. **Electroanatomic (CARTO) mapping for evaluating left atrial volume: validation against real-time 3D echocardiography.** *JACC* 2005; 45(3):309A.
78. Burri H, Sunthorn H, Zaza S, Somsen A, Fleury E, Righetti A, Shah D, Lerch R. **Effect of sequential biventricular pacing on interventricular asynchrony.** *Circulation* 2004;110:724.
79. Burri H, Sunthorn H, Shah D. **Axillary vein puncture with and without contrast venography for implanting pacemaker and defibrillator leads: a prospective study.** *Eur Heart J* 2004;25:27
80. Burri H, Sunthorn H, Shah D. **How to simulate anteroseptal myocardial infarction and Brugada syndrome on the surface Electrocardiogram.** *Eur Heart J* 2004;25:344
81. Chevalier P, Cottraux J, Burri H, Adelaine P, Restier L, Touboul P. **Prevention of implantable-defibrillator shocks by cognitive behavioral therapy: a randomized controlled trial.** *Eur Heart J* 2004;25:169.
82. Chevalier P, Burri H, Rivart L, Durand-Dubierf A, Touboul P. **Impact of myocardial ischemia on ventriculaire defibrillatin threshold during chronic oral class III antiarrhythmic drugs therapy : comparison between amiodarone, dronedarone and azimilide.** *Eur Heart J* 2004;25:171.
83. Burri H, Noble S, Sunthorn H, Dorsaz P, Shah D. **Is the amplitude of the atrial electrogram of VDD leads related to that of the surface P wave?** *Europace*

2004;6(S1):91

84. Burri H, Sunthorn H, Shah D. **Axillary vein puncture with and without contrast venography for implanting pacemaker and defibrillator leads: a prospective study.** *Europace* 2004;6(S1):186
85. Shah D, Sunthorn H, Burri H, Sigwart U. **The value of reserving linear left atrial ablation for patients with persistent atrial fibrillation or recurrent AF after PV isolation.** *Kardiovasc Med* 2004;7(S6):S7.
86. Shah D, Burri H, Sunthorn H, Sigwart U. **The significance of atrial fibrillation termination during curative catheter ablation.** *Heart Rhythm* 2004;1(1): S228.
87. Shah D, Sunthorn H, Burri H, Sigwart U. **Reducing the recurrence of atrial fibrillation after PV isolation by surveillance for conduction recovery and bidirectional block verification.** *Heart Rhythm* 2004;1(1): S202.
88. Chevalier P, Tabib A, Meyronnet D, Burri H, Touboul P. **Innervation of the human left atrium : a quantitative histological study.** *Heart Rhythm* 2004;1(1): S72.
89. Shah D, Sunthorn H, Burri H, Sigwart U. **“Focal” isthmuses of reentry at the left atrial appendage root-left superior pulmonary vein os junction after afib ablation.** *Heart Rhythm* 2004;1(1): S18.
90. Shah D, Burri H, Sunthorn H, Sigwart U. **Optimal catheter ablation strategy for atrial fibrillation: Trigger isolation alone or supplementary left atrial substrate modification?** *JACC* 2004;43(5):5A.
91. Burri H, Chevalier P, Fayn J, Rubel P, Forlini MC, Touboul P. **Quantitative ECG analysis of survivors of idiopathic ventricular fibrillation.** *Circulation* 2003;108(18): SIV-506.
92. Chevalier P, Durand-Dubief A, Burri H, Piqueras H, Timour Chah Q, Kirkorian G, Touboul P. **Impact of myocardial ischemia on ventricular defibrillation threshold during chronic oral treatment with azimilide.** *Eur Heart J* 2003.
93. Chevalier P, Burri H, Piqueras E, Rodriguez C, Potet F, Shott J, Baro I, Touboul P. **Long QT and torsades de pointes complicating acquired atrioventricular bloc: evidence for a genetic substrate.** *Pacing Clin Electrophysiol* 2003 (26):937.
94. Shah D, Sunthorn H, Burri H, Sigwart U, Hocini M, Jais P, Haissaguerre M. **Electrophysiology of left atrial linear ablation.** *Pacing Clin Electrophysiol* 2003 (26):1032
95. Burri H, Chevalier P, Adelain P, Kirkorian G, Lopez M, Chapon P, Touboul P. **QT dynamicity as a predictor of sudden death after myocardial infarction.** *Kardiovasc Med* 2003 (6): 43S.
96. Burri H, Chevalier P, Arzi M, Rubel P, Le Heuzey J-Y, Kirkorian G, Touboul P. **Wavelet transform is better than short-term Fourier transform for analysis of heart rate variability before the onset of ventricular arrhythmias.** *Kardiovasc Med* 2003 (6): 43S
97. Shah D, Burri H, Sunthorn H, Sigwart U. **Curative treatment of left and atypical right atrial flutter or macro-reentrant tachycardias.** *Kardiovasc Med* 2003 (6): 9S

98. Shah D, Sunthorn H, Burri H, Sigwart U. **Curative catheter ablation of paroxysmal and persistent atrial fibrillation.** *Kardiovasc Med* 2003 (6): 9S
99. Burri H, Chevalier P, Arzi M, Fayn J, Rubel P, Kirkorian G, Le Heuzey J-Y, Touboul P. **Wavelet analysis of heart rate variability preceding ventricular arrhythmias retrieved from implantable cardioverter-defibrillators in patients with myocardial infarction.** *JACC* 2003;41(6):86A.
100. Burri H, Stevens R, Tramèr M. **Pharmacological strategies for myocardial protection in patients undergoing non-cardiac surgery: a meta-analysis of randomised controlled trials.** *Eur Heart J* 2002 (23): 695.
101. Chevalier P, Burri H, Stumpf M, Kirkorian G, Touboul P. **Value of ventricular repolarisation dynamicity for predicting implantable cardioverter therapy.** *Eur Heart J* 2002 (23): 407.
102. Burri H, Zimmermann M, Bloch A. **Myocardial ischemia and QT dispersion** *Europace.* (Suppl.) 2000(1):D125 .