

**California Pacific Medical Center
Cardiology Fellowship Training Program
Andrew Rosenblatt, M.D., F.A.C.C., Program Director
Faculty Publications and Research (2005-2009)**

KEY CLINICAL FACULTY

Sophie Barbant, M.D., F.A.C.C.

Publications

Hong, H, Kwan D, Madrid, X., Assad-Morell, JL, Desai, M, Ristow, B, **Barbant, S**, Shaw, RE, Zamarripa, R., De La Pena-Almaguer, E, Defrance. T. Cardiovascular CTA in San Francisco, CA, The Society of Cardiovascular Magnetic Resonance (*submitted for review, 2008.*)

Ristow B, Hongo RH, Hao SC, Gray RJ, **Barbant S**. Uncomplicated Pulmonary Vein Antrum Isolation Ablation after Negative TEE in Patient with LAA Filling Defect on Cardiac CT. Case report and review. (*submitted to Heart Rhythm Society Annual Meeting, 2008*)

Bruce Brent, M.D., F.A.C.C.

Publications

Sherev D, Shaw R, **Brent B**. Angiographic Predictors of Femoral Access Site Complications: Implications for Planned Percutaneous Coronary Intervention. Catheterization and Cardiovascular Interventions - Catheterization and Cardiovascular Interventions 2005; 65:196-202.

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Yoon, E, Haeusslein E, **Brent BN**. Long term Follow-up after Sirolimus Drug-eluting Stent Implantation for Cardiac Transplant Arteriopathy. Journal of Invasive Cardiology 2006 18:184-185

Kwan DM and **Brent BN**. Clinical Features of Catheter-induced Vasospasm: Case Series and Review of the Literature. (*in preparation, 2008*)

Huang HW, **Brent BN**, Shaw RE. Risk of vascular bleeding in renal failure patients receiving adjunctive clopidogrel for percutaneous coronary intervention. A report from the American College of Cardiology – National Cardiovascular Data Registry (ACC-NCDR) (*in preparation, 2008*)

Huang HW, **Brent BN**, Shaw RE. Cardiac catheterization for intermediate-risk patients by health insurance payor status. A report from the American College of Cardiology – National Cardiovascular Data Registry (ACC-NCDR). (*in preparation, 2008*)

Ernest Haeusslein, M.D., F.A.C.C.

Publications

Yoon, E, **Haeusslein E**, Brent BN. Long term Follow-up after Sirolimus Drug-eluting Stent Implantation for Cardiac Transplant Arteriopathy. *Journal of Invasive Cardiology* 2006 18:184-185

Ristow B, Rabkin J, **Haeusslein E**. Improvement in Dilated Cardiomyopathy after Bariatric Surgery. *J Card Fail.* (*in press*, 2008.)

Steven C. Hao, M.D., F.A.C.C.

Book Chapter

Mandeep Bhargava, Robert A Schweigert, **Steven Hao**, Andrea Natale. Intracardiac echocardiography during catheter ablation for atrial fibrillation. (2006). In: Andrea Natale (Ed.), *Intracardiac Echocardiography in Interventional Electrophysiology: Advanced Management of Atrial Fibrillation and Ventricular Tachycardia*. Informa Healthcare.

Publications

Verma A, Kilicaslan F, Schweikert RA, Tomassoni G, Rossillo A, Marrouche NF, Ozduran V, Wazni OM, Elayi SC, Saenz LC, Minor S, Cummings JE, Burkhardt JD, **Hao S**, Beheiry S, Tchou PJ, Natale A. Short- and long-term success of substrate-based mapping and ablation of ventricular tachycardia in arrhythmogenic right ventricular dysplasia. *Circulation*. 2005; 24: 3209-16.

Maybhate A, **Hao SC**, Iwai S, Lee JU, Guttigoli AB, Stein KM, Lerman BB, and Christini DJ, Detection of repolarization alternans with an implantable cardioverter defibrillator lead in a porcine model, *IEEE Trans on Biomed Eng*. 2005; 52: 1188-1194.

Hao SC, Hongo RH. Use of Intracardiac Echocardiography During Catheter Ablation for Atrial Fibrillation: Maximizing Safety and Efficacy. *EP Lab Digest* 2005; 5: 22-25.

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Verma A, Kilicaslan F, Adams JR, **Hao S**, Beheiry S, Minor S, Ozduran V, Claude Elayi S, Martin DO, Schweikert RA, Saliba W, Thomas JD, Garcia M, Klein A, Natale A. Extensive ablation during pulmonary vein antrum isolation has no adverse impact on left atrial function: an echocardiography and cine computed tomography analysis. *J Cardiovasc Electrophysiol*. 2006 Jul;17(7):741-6.

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Mitchell CR, Hongo RH, Beheiry S, **Hao SC**. Placement of Defibrillation Coil in Azygos Vein for Improving Defibrillation Thresholds in Right Sided ICD Implants. First reported case series of novel technique. Presented at Heart Rhythm Society Annual Sessions 2007. (*Preparing manuscript for submission to journal Heart Rhythm, 2008.*)

Banker R, Hongo RH, **Hao SC**. Electromagnetic Interference from Stereotaxis Magnetic Navigation System. Ongoing research project that involves measuring actual interference inside the laboratory suite.

Banker R, Hongo RH, **Hao SC**. **Electromagnetic interference from electric buses**. Ongoing research project that involves measuring actual interference on MUNI buses in San Francisco.

Ristow B, Hongo RH, **Hao SC**, Gray R, Barbant S. Uncomplicated Pulmonary Vein Antrum Isolation Ablation after Negative Tee in Patient with LAA Filling Defect on Cardiac CT. Case report and review (*submitted to Heart Rhythm Society Annual Meeting, 2008*)

Hao SC, Beheiry S, Hongo RH. Reed Switch Malfunction in a Guidant H219 Biventricular Implantable Cardioverter Defibrillator after Radiofrequency Ablation of Multiple Ventricular Tachycardias Using Remote Magnetic Navigation. Case report and review of literature (*submitted to Heart Rhythm Society Annual Meetings, 2008.*)

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Richard H. Hongo, M.D., F.A.C.C.

Publications

Hongo RH, Goldschlager N. Bradycardia and Pacemakers. In Wachter RM, Goldman L, Hollander H (eds): *Hospital Medicine*, 2nd Edition. Baltimore, MD, Lippincott Williams & Wilkins, 2005.

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Mitchell CR, **Hongo RH**, Beheiry S, Hao SC. Placement of Defibrillation Coil in Azygos Vein for Improving Defibrillation Thresholds in Right Sided ICD Implants. First reported case series of novel technique. Presented at Heart Rhythm Society Annual Sessions 2007. (*Preparing manuscript for submission to journal Heart Rhythm, 2008*.)

Mitchell CR, Popper R, **Hongo RH**. Risk of Sudden Cardiac Death in Large Cohort of Tetralogy of Fallot Patients. Cohort study with long follow-up. Identification of risk factors for sudden cardiac death. Describing the progression of QRS widening in this population over years. Following behavior of ICD therapy in this population. (*Preparing manuscript for submission, 2008*)

Ristow B, **Hongo RH**, Hao SC, Gray R, Barbant S. Uncomplicated Pulmonary Vein Antrum Isolation Ablation after Negative Tee in Patient with LAA Filling Defect on Cardiac CT. Case report and review (*submitted to Heart Rhythm Society Annual Meeting, 2008*)

Hao SC, Beheiry S, **Hongo RH**. Reed Switch Malfunction in a Guidant H219 Biventricular Implantable Cardioverter Defibrillator after Radiofrequency Ablation of Multiple Ventricular Tachycardias Using Remote Magnetic Navigation. Case report and review (*submitted to Heart Rhythm Society Annual Meetings, 2008*.)

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Hao SC, Beheiry S, **Hongo RH**. Reed Switch Malfunction in a Guidant H219 Biventricular Implantable Cardioverter Defibrillator after Radiofrequency Ablation of Multiple Ventricular Tachycardias using Remote Magnetic Navigation. Case report and review of literature (*submitted to Heart Rhythm Society Annual Meeting, 2008*)

Banker R, **Hongo RH**, Hao SC. Electromagnetic Interference from Stereotaxis Magnetic Navigation System. Ongoing research project that involves measuring actual interference inside the laboratory suite.

Banker R, **Hongo RH**, Hao SC. **Electromagnetic interference from electric buses**. Ongoing research project that involves measuring actual interference on MUNI buses in San Francisco.

Peter Y. Hui, M.D., F.A.C.C.

Publications

Ren X, Trilesskaya M, Kwan DM, Nguyen K, Shaw RE, **Hui PY**. Drug-eluting Stents May Be Superior to Bare Metal Stents in Human Immunodeficiency Virus Infection. (*in preparation, 2008*)

Robert C. Popper, M.D., F.A.C.C.

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Mitchell CR, **Popper R**, Hongo RH. Risk of Sudden Cardiac Death in Large Cohort of Tetralogy of Fallot Patients. Cohort study with long follow-up. Identification of risk factors for sudden cardiac death. Describing the progression of QRS widening in this population over years. Following behavior of ICD therapy in this population. (*in preparation, 2008*)

Hong H, Rosenblatt Andrew, **Popper, Robert**. Long Term Follow Up of Unoperated Mitral-Aortic Intervalvular Fibrosa Aneurysms (*in preparation, 2008.*)

Andrew Rosenblatt, M.D., F.A.C.C.

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Hong H, **Rosenblatt Andrew**, Popper, Robert. Long Term Follow Up of Unoperated Mitral-Aortic Intervalvular Fibrosa Aneurysms (*in preparation, 2008.*)

Nelson Schiller, M.D., F.A.C.C.

Recent Publications with CPMC Fellows

Ristow B, Ahmed S, Wang L, Liu H, Angeja BG, Whooley MA, **Schiller NB**. Pulmonary Regurgitation End-diastolic Gradient Is a Doppler Marker of Cardiac Status: Data from the Heart and Soul Study. J Am Soc Echocardiogr. 2005 Sep;18(9):885-91.

Ristow B, **Schiller NB**. Detecting left atrial enlargement by ECG--a comparison of 4 methods. J Electrocardiol. 2006 Apr;39(2):230-1.

Ren X, Ristow B, Na B, Ali S, **Schiller NB**, Whooley MA. Prevalence and Prognosis of Asymptomatic Left Ventricular Diastolic Dysfunction in Ambulatory Patients with Coronary Heart Disease. Am J Cardiol. 2007 Jun 15;99(12):1643-7. Epub 2007 Apr 27.

Ristow B, Ali S, Ren X, Whooley MA, Schiller NB. Elevated Pulmonary Artery Pressure by Doppler Echocardiography Predicts Hospitalization for Heart Failure and Mortality in Ambulatory Stable Coronary Artery Disease: the Heart and Soul Study. J Am Coll Cardiol. 2007 Jan 2;49(1):43-9.

Khush KK, Shah SJ, Ristow B, De Marco T, Whooley MA, **Schiller NB**. Association of African American Race with Elevated Pulmonary Artery Diastolic Pressure: Data from the Heart and Soul Study. *J Am Soc Echocardiogr*. 2007 Nov;20(11):1307-13. Epub 2007 Jun 25.

Shah SJ, Ristow B, Ali S, Na BY, Schiller NB, Whooley MA. Acute Myocardial Infarction in Patients with Versus Without Aortic Valve Sclerosis and Effect of Statin Therapy (From the Heart and Soul Study). *Am J Cardiol*. 2007 Apr 15;99(8):1128-33.

Ristow B, Ali S, Whooley MA, **Schiller NB**. Left Atrial Volume Index Predicts Heart Failure and Mortality: The Heart and Soul Study. (*submitted to Am J Cardiol, December, 2007.*)

Ren X, Hsu PYF, Dulbecco FL, Fleischmann KE, Gold WM, Redberg, RF, **Schiller, NB**. Remote Second-hand Tobacco Exposure in Flight Attendants is Associated with Systemic but Not Pulmonary Hypertension, (*in preparation, 2008.*)

Ren X, McGlothlin D, Crawford MH, **Schiller NB**, Foster E. Achieving consensus in the evaluation of diastolic dysfunction. (*submitted and under review, 2008*)

Ren X, Na B, Ristow B, Ali S, **Schiller NB**, Whooley MA. Diastolic Dominant Pulmonary Vein Flow Predicts Hospitalization for Heart Failure and Mortality in Ambulatory Patients with Coronary Heart Disease. (*submitted and under review, 2008*)

Up-to-Date Chapters with CPMC Fellows

Schiller NB, Ristow B, Foster E. Transesophageal echocardiography in the evaluation of tricuspid valve disease. UpToDate, 15.1, December 2006.

Schiller NB, Ristow B. Echocardiographic evaluation of the pulmonic valve and pulmonary artery. UpToDate, 15.1, December 2006.

Weissman NJ, Ristow B, **Schiller NB**. Role of echocardiography in acute myocardial infarction. UpToDate, 15.1, December 2006.

Ristow B, Xiushui X, **Schiller NB**. Echocardiographic evaluation of right ventricular function. UpToDate, 15.2, June 2007.

Xiushui X, Ristow B, **Schiller NB**. Echocardiographic recognition of cardiomyopathies. UpToDate, 15.2, June 2007.

Schiller NB, Xiushui X, Ristow B. Echocardiographic evaluation of the thoracic and proximal abdominal aorta. UpToDate, 15.3, December 2007.

Schiller NB, Ristow B, Ren X. Echocardiographic evaluation of the tricuspid valve. UpToDate 15.3, December 2007.

Kwan DM, **Schiller NB**. Handheld echocardiography. UpToDate 15.3, UpToDate, 15.3, 2007.

Richard Shaw, Ph.D., F.A.C.C.

Publications

Sherev D, Brent BG, **Shaw RE**. Angiographic Predictors of Life Threatening Femoral Access Site Complications: Implications for Planned Percutaneous Coronary Intervention. *Catheterization and Cardiovascular Interventions* 2005;65:196-202.

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Krone RJ, **Shaw RE**, Klein LW, Blankenship JC, Weintraub WS. Ad Hoc percutaneous coronary interventions in patients with stable coronary artery disease - A study of prevalence, safety, and variation in use from the American College of Cardiology National Cardiovascular Data Registry (ACC-NCDR®), *Catheterization and Cardiovascular Interventions*, 2006; 68(5):696-703.

HW Huang, BN Brent, **RE Shaw**, Trends in Percutaneous Versus Surgical Revascularization of Unprotected Left Main Coronary Stenosis in the Drug-Eluting Stent Era—A Report from the American College of Cardiology-National Cardiovascular Data Registry (ACC-NCDR), *Catheterization and Cardiovascular Interventions* 2006; 68:867–872

HV Anderson, **RE Shaw**, RG Brindis, CR McKay, LW Klein, RJ Krone, KK Ho, JS Rumsfeld, Risk-Adjusted Mortality Analysis of Percutaneous Coronary Interventions by American College of Cardiology/American Heart Association Guidelines Recommendations, SC Smith Jr., WS Weintraub, *Am J Cardiol*, 2007; 99:189–196

GJ Dehmer, MA Kutcher, SK Dey, **RE Shaw**, WS Weintraub, K Mitchell, RG Brindis, Frequency of Percutaneous Coronary Interventions at Facilities without On-Site Cardiac Surgical Backup—A Report from the American College of Cardiology–National Cardiovascular Data Registry (ACC-NCDRG), *Am J Cardiol* 2007; 99:329–332

Mehta SK, Frutkin AD, Milford-Beland S, Klein LW, Shaw RE, Weintraub WS, Krone RJ, Anderson HV, Kutcher MA, Marso SP. The Utilization of Distal Embolic Protection in Saphenous Vein graft interventions: An Analysis of 19,546 patients in the ACC-NCDR. *The American Journal of Cardiology* 2007; 100:1114-1118.

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Krone RJ, Klein LW, Shaw RE. Prognostic value of lesion classification for the clinical outcome after stent placement. *American Journal of Cardiology* 2008; 102(7): 954-955.

Black MD, Ley SJ, Regal A, Shaw RE. Novel approaches to right ventricular outflow tract reconstruction using a stentless porcine valve. *Annals of Thoracic Surgery* 2008; 85:195-198.

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Niazi K, Farooqui F, Devireddy C, Robertson G, Shaw RE. Comparison of hydrophilic guidewires used in endovascular procedures. *Journal of Invasive Cardiology* 2009; 21:397-400.

Peterson ED, Roe MT, Rumsfeld JR, Shaw RE, Brindis RG; Fonarow GC, Cannon CP. A Call to ACTION (The Acute Coronary Treatment and Intervention Outcomes Network): A National Effort to Promote Timely Clinical Feedback and Support Continuous Quality Improvement for Acute Myocardial Infarction. *Circulation* 2009 (in press).

Krone RJ, Rao SV, Dai D, Peterson ED, Anderson HV, Brown MA, Brindis RG, Klein LW, Shaw RE, Weintraub WS. Utilization of drug-eluting stents in the United States from 2003 to 2008. A report from the American College of Cardiology – National Cardiovascular Data Registry (ACC-NCDR). *Journal of the American College of Cardiology Cardiovascular Interventions* 2009 (in press).

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Wender JD, Rathinam SR, Shaw RE, Cunningham ET. Demographics, clinical features and causes and predictors of vision loss in patients with Cysticercosis. *Ophthalmology* 2009 (in press).

OTHER FACULTY MEMBERS

Michael D. Black, M.D.

Publications

Black MD. [Commentary]. Alsoufi B, Karamlou T, Bradley T et al. Short and Midterm Results of Aortic Valve Cusp Extension in the Treatment of Children with Congenital Aortic Valve Disease. *Ann Thorac Surgery* 2006;84:1292-1300

Black MD. [Commentary]. Vsconti KJ, Rimmer MS, Gauvreau K et al. Regional Low-Flow Perfusion versus Circulatory Arrest in Neonates: One-Year Neurodevelopmental Outcome. *Ann Thorac Surgery* 2006; 82:2207-2213.

Toomasian JM, Vricella LA, **Black MD.** Modification of an extracorporeal life support circuit for intraoperative correction of complex congenital heart disease. *Perfusion* 2007; 22:35-40. SRI

Black MD, Ley J, Regal AM, Shaw D. Novel Approach to Right Ventricular Outflow Tract Reconstruction Using a Stentless Porcine Valve. *Ann Thorac Surg Ann Thorac Surg* 2008 Jan;85(1):195-8. SRI

Steven L. Blumlein, M.D., F.A.C.C.

Publications

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Warren S. Browner, M.D.

Publications

Gehi A, Mangano D, Pipkin S, **Browner WS,** Whooley MA. Depression and heart rate variability in patients with stable coronary disease: findings from the Heart and Soul Study. *Arch Gen Psych*, 2005;62:661-666.

Reiner AP, Diehr P, **Browner WS,** Humphries SE, Jenny NS, Cushman M, Tracy RP, Walston J, Lumley T, Newman AB, Kuller LH, Psaty BM. Common promoter polymorphisms of inflammation and thrombosis genes and longevity in older adults: The Cardiovascular Health Study. *Atherosclerosis* 2005; 181:175-183.

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Brophy VH, Ro SK, Rhee BK, Lui LY, Lee JM, Umblas N, Bentley LG, Li J, Cheng S, **Browner WS,** Erlich HA. Association of phosphodiesterase 4D polymorphisms with ischemic stroke in a US population stratified by hypertension status. *Stroke.* 2006; 37:1385-90.

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Books

Browner WS. *Publishing and Presenting Clinical Research.* Baltimore: Lippincott Williams and Wilkins. 2nd ed., 2006.

Hulley SB, Cummings SR, **Browner WS**, Grady D, Hearst N, Newman, TB, eds. *Designing Clinical Research: An Epidemiologic Approach.* Baltimore: Lippincott Williams and Wilkins. 3rd ed., 2007.

Fiona L. Dulbecco, M.D., F.A.C.C.

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