

Florian Rader, M.D., M.Sc.

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Professional Activities & Experience

7/2011- 6/2012	Case Western Reserve University, MetroHealth Campus Chief Fellow in Cardiology
7/2012 - present	Cedars-Sinai Medical Center Assistant Professor of Medicine Staff Cardiologist in the Heart Institute <ul style="list-style-type: none">◇ Non-Invasive laboratory◇ Hypertension Center of Excellence◇ Cardiac Intensive Care Unit◇ Cardiology Consult Service
7/2012 - present	UCLA David Geffen School of Medicine Health Sciences Assistant Clinical Professor II Department of Medicine
7/2014 - present	Cedars-Sinai Institutional Review Board Member

Postdoctoral Training

1/2003 - 11/2003	Clinical Research Fellow, AKH Wien, Vienna General Hospital
7/2005 - 6/2008	Physician Scientist Program, Case Western Reserve University MetroHealth Campus, Residency in Internal Medicine
7/2007 - 1/2009	Clinical Research Scholars Program, Case Western Reserve University; Diploma: Master of Science (M.Sc.)
7/2008 - 6/2010	Clinical Research Fellow/KL-2 Scholar Cleveland Clinic, Research Institute Department of Thoracic & Cardiovascular Surgery
7/2008 - 6/2012	Physician Scientist Program, Case Western Reserve University MetroHealth Campus, Fellowship in Cardiology

Education

9/1995 - 11/2002	University of Vienna, Pre-Medical and Medical School Doctor Medicinae Universalis (M.D.)
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Licensures

- ◇ California State Medical License #A120370
- ◇ Ohio State Medical License #35.091739
- ◇ ABIM board certification in Internal Medicine #296457
- ◇ ABIM board certification in Cardiovascular Disease #296457
- ◇ American Society of Echocardiography certification #00025422
- ◇ American Society of Hypertension board certification #403160934

Publications

1. Rosenhek R, **Rader F**, Loho N, Gabriel H, Heger M, Klaar U, Schemper M, Binder T, Maurer G, Baumgartner H. Statins but not angiotensin-converting enzyme inhibitors delay progression of aortic stenosis. *Circulation* 2004;110:1291-5
2. Rosenhek R, **Rader F**, Klaar U, Gabriel H, Krejc M, Kalbeck D, Schemper M, Maurer G, Baumgartner, H. Outcome of watchful waiting in asymptomatic severe mitral regurgitation. *Circulation* 2006;113:2238-44
3. Blais C, Burwash, IG, Mundigler G, Dumesnil JG, Loho, N, **Rader F**, Baumgartner H, Beanlands RS, Chayer B, Kadem L, Garcia D, Durand LG, Pibarot P. Projected valve area at normal flow rate improves the assessment of stenosis severity in patients with low-flow, low-gradient aortic stenosis: the multicenter TOPAS (Truly or Pseudo-Severe Aortic Stenosis) study. *Circulation* 2006;113:711-21
4. Bergler-Klein J, Mundigler G, Pibarot P, Burwash IG, Dumesnil JG, Blais C, Fuchs C, Mohty D, Beanlands RS, Hachicha Z, Walter-Publig N, **Rader F**, Baumgartner H. B-type natriuretic peptide in low-flow, low-gradient aortic stenosis: relationship to hemodynamics and clinical outcome: results from the Multicenter Truly or Pseudo-Severe Aortic Stenosis (TOPAS) study. *Circulation* 2007;115:2848-55
5. Drawz P, Bocirnea C, Greer KB, Kim J, **Rader F**, Murray P. Hypertension Guideline Adherence Among Nursing Home Patients, *J Gen Intern Med.* 2009 Apr;24(4):499-503
6. **Rader F**, Van Wagoner DR, Gillinov AM, Blackstone EH. Preoperative Angiotensin Blocking Drug Therapy Is not Associated with Atrial Fibrillation after Cardiac Surgery. *Am Heart J.* 2010 Aug;160(2):329-336
7. Humenberger M, Rosenhek R, Gabriel H, **Rader F**, Heger M, Klaar U, Binder T, Probst P, Heinze G, Maurer G, Baumgartner H. Benefit of atrial septal defect closure in adults: impact of age. *Eur Heart J.* 2010 Mar;32(5):553-60
8. **Rader F**, Costantini O, Jarrett C, Gorodeski EZ, Lauer MS, Blackstone EH. Quantitative Electrocardiography for Prediction of Postoperative Atrial Fibrillation after Cardiac Surgery. *J Electrocardiol.* 2011 Jan 26 PMID: 21276589
9. **Rader F**, Gajulapalli RD, Pasala T, Einstadter D. Effect of Early Statin Therapy on Risk of Atrial Fibrillation after Coronary Artery Bypass Grafting With or Without

- Concomitant Valve Surgery. *Am J Cardiol*. 2011 Jul 15;108(2):220-2
10. **Rader F.**, Van Wagoner DR, Ellinor PT, Gillinov AM, Chung MK, Costantini O, Blackstone EH. Influence of Race on Atrial Fibrillation after Cardiac Surgery. *Circ Arrhythm Electrophysiol*. 2011;4(5):644-52
 11. **Rader F**, Cutler JM, Rosenbaum DS. Microvolt T-wave alternans: From molecule to man. *Ventricular Arrhythmia from Principles to Patients*. Eds. Dudley S, Kocheril AG, Sovari AA. Nova Science Publishers. Hauppauge, NY: 2013. ISBN: 978-1-62417-391-2
 12. Gajulapalli RD, **Rader F**. *Arrhythmic Complications after Cardiac Surgery in Cardiac Surgery/Book 2*. 2011. ISBN 979-953-307-553-1
 13. **Rader F**, Wilson LD, Costantini O, Rosenbaum DS. Microvolt T Wave Alternans: Mechanisms and Implications for Prediction of Sudden Cardiac Death. *Electrical Disease of the Heart*, 2nd ed. Eds. Gussak I, Antzelevitch C, Wilde A, Powell B, Ackerman M, Win-Kuange S. Springer Science 2013: ISBN 978-1-4471-4881-4
 14. **Rader F**, Pujara A, Pattakos G, Gillinov AM, Chung MK, Costantini O, Van Wagoner DR, Blackstone EH. Perioperative Fatty Acid Binding Protein Levels for Prediction of Atrial Fibrillation after Cardiac Surgery. 2012: *Heart Rhythm*. 2013;10:153-7
 15. **Rader F**, Gajulapalli RD, Pasala T, Einstadter D. Abnormal Left Ventricular Filling and Postoperative Atrial Fibrillation after Cardiac Surgery. *JAFIB* 2012;5(3):20-26
 16. **Rader F**, Elashoff RM, Niknezhad S, Victor RG. Differential Treatment of Hypertension by Primary Care Providers and Hypertension Specialists in a Barber-Based Intervention Trial to Control Hypertension in Black Men. *Am J Cardiol* 2013 Nov 1;112(9):1421-6
 17. **Rader F**. Renal Sympathetic Denervation for the Treatment of Resistant Hypertension. *Cedars-Sinai Advances in Heart and Heart Surgery*, 2013;1
 18. Gurudevan SV, Nelson MD, **Rader F**, Tang X, Johannes J, Lewis J, Belcik T, Lindner JR, Victor RG. Cocaine-induced ischemia in the human coronary microcirculation: Evidence from myocardial contrast echocardiography. *Circulation* 2013;128(6):598-604
 19. Bhatt DL, Kandzari DE, O'Neill WW, D'Agostino R, Flack JM, Katzen BT, Leon MB, Liu M, Mauri L, Negoita M, Cohen SA, Oparil S, Rocha-Singh K, Townsend RR, Bakris GL, SYMPLICITY HTN-3 Investigators (**Rader F**). A controlled trial of renal denervation for resistant hypertension. *N Engl J Med*. 2014 Apr 10;370(15):1393-401
 20. Nelson MD, **Rader F**, Tang X, Tavyev J, Nelson SF, Miceli MC, Elashoff RM, Sweeney HL, Victor RG. PDE5 inhibition alleviates functional muscle ischemia in boys with Duchenne muscular dystrophy. *Neurology*. 2014 June 10
 21. **Rader F**, Sachdev E, Arsanjani R, Siegel RJ. Left Ventricular Hypertrophy in Valvular Aortic Stenosis: Mechanisms and Clinical Implications. *Am J Med*. 2014 Nov 25. Epub before print

22. Parikh V, Kim C, Siegel RJ, Arsanjani R, **Rader F**. Natriuretic peptides for risk stratification of patients with valvular aortic stenosis. *Circ Heart Fail*. 2015 Mar;8(2):373-80

Presentations

1. Bergler-Klein J, Mundigler G, Pibarot P, Burwash I, Dumesnil JG, Blais C, Eickhoff P, Beanlands R, Hachicha Z, Loho N, **Rader F**, Baumgartner H. BNP is a Predictor in Low Flow Aortic Stenosis: Results from the Multicenter TOPAS Study Österreichische. Kardiologische. Gesellschaft, Salzburg 6/2006.
2. Bergler-Klein J, Mundigler G, Pibarot P, Burwash I, Dumesnil JG, Blais C, Eickhoff P, Beanlands R, Hachicha Z, Loho N, **Rader F**, Baumgartner H. B-type Natriuretic Peptide in Low Flow Aortic Stenosis: Relationship to Hemodynamics and Clinical Outcome. Results From The Multicenter TOPAS Study, Mayo & Vienna – Contemporary Clinical Cardiology 2006, 11/2006.
3. Bergler-Klein J, Mundigler G, Pibarot P, Burwash I, Dumesnil JG, Blais C, Eickhoff P, Beanlands R, Hachicha Z, Loho N, **Rader F**, Baumgartner H. B-type Natriuretic Peptide in Low Flow Aortic Stenosis: Relationship to Hemodynamics and Clinical Outcome. Results From The Multicenter TOPAS Study, American Heart Association Scientific Sessions, Dallas 11/2005.
4. **Rader F**, Van Wagoner DR, Gillinov AM, Blackstone EH. Angiotensin Blocking Drug Therapy Does not Reduce Occurrence of Postoperative Atrial Fibrillation after Cardiac Surgery: Oral presentation at the American Heart Association Scientific Sessions, New Orleans 11/2008.
5. **Rader F**. Paroxysmal Atrial Fibrillation-Review of a Common Problem. Senior Medicine Grand Rounds, MetroHealth Campus, Case Western Reserve University 1/2009.
6. **Rader F**, Blackstone EH. Quantitative ECG Measurements for Prediction of Postoperative Atrial Fibrillation, Statistical Concepts: Bootstrap Aggregation: National Clinical and Translation Research Meeting (NIH) –Washington D.C. 4/2009.
7. **Rader F**, Costantini O, Lauer MS, Blackstone EH. Quantitative ECG Measurements for Prediction of Postoperative Atrial Fibrillation: MetroHealth Research Day: Poster presentation 5/2009.
8. **Rader F**, Costantini O, Lauer MS, Blackstone EH. Quantitative Electrocardiography for Prediction of Postoperative Atrial Fibrillation after Cardiac Surgery: Defense of M.S. Thesis, Clinical Research Scholars Program, Case Western Reserve University 10/2009.
9. **Rader F**, Van Wagoner DR, Costantini O, Blackstone EH. Racial Differences in Occurrence of Postoperative Atrial Fibrillation, a Pilot Study, MetroHealth Research Day 10/2010.

10. **Rader F**, Van Wagoner DR, Ellinor PT, Gillinov AM, Chung MK, Costantini O, Blackstone EH. Black Race is Associated with Lower Occurrence of Postoperative Atrial Fibrillation: American Heart Association Scientific Sessions, Chicago 11/2010.
11. **Rader F**, Van Wagoner DR, Ellinor PT, Gillinov AM, Chung MK, Costantini O, Blackstone EH. Black race is Associated with Lower Occurrence of Postoperative Atrial Fibrillation after Cardiac Surgery, MetroHealth Research Festival: Oral presentation, 11/2010.
12. **Rader F**, Gajulapalli RD, Pasala T, Einstadter D. Early Statin Therapy is Associated with Decreased Occurrence of Postoperative Atrial Fibrillation after Cardiac Surgery, MetroHealth Research Festival 3/2011.
13. Pattanshetty DJ, Aneja A, **Rader F**, Siddiqi N, Gandhi S, Pillai D. Impact of Fractional Flow Reserve Guided Percutaneous Intervention on Major Adverse Cardiovascular Events (MACE) in Women, Society of Coronary Angiography and Intervention, Baltimore 5/2011.
14. Ginwalla M, Tilak P, **Rader F**, Johnson J, Dunlap ME. Pulse Pressure Widening Is a Determinant of Diastolic Dysfunction, Heart Failure Society of America, Boston 9/2011.
15. **Rader F**. Postoperative Atrial Fibrillation-Insights from Observational Studies. Invited research presentation, Hypertension Center, Cedars Sinai Medical Center, Los Angeles 9/2011.
16. **Rader F**, Pujara AC, Pattakos G, Castel L, Costantini O, Van Wagoner DR, Blackstone EH. A Greater Increase of Perioperative Fatty Acid Binding Protein Levels is Associated with Atrial Fibrillation After Cardiac Surgery. American Heart Association Scientific Sessions, Orlando 11/2011.
17. **Rader F**. Postoperative Atrial Fibrillation-Insights from Observational Studies. Cardiology Grand Rounds, Case Western Reserve University, Cleveland 11/2011
18. **Rader F**. Renal Sympathetic Denervation-The Promise, 7th annual 'Controversies and Advances in the Treatment of Cardiovascular Disease' meeting, The Beverly Hills Hotel 10/2012.
19. **Rader F**. Renal Sympathetic Denervation-A New Era in the Treatment of Hypertension? Cedars-Sinai Heart Institute: Hypertension Grand Rounds, Los Angeles 3/2013.
20. **Rader F**. The big picture of Hypertension and the need for device-based treatment. American College of Cardiology meeting, San Francisco 3/2013.
21. **Rader F**. Renal Sympathetic Denervation-an Update. Nephrology Grand Rounds, Cedars-Sinai Medical Center 4/2013.
22. **Rader F**, Anene F, Elashoff R, Victor RG. Physician Inertia As The Main Barrier To Improving Hypertension Control In Black Male Barbershop, Oral Presentation, Abstract #182 American Society of Hypertension Meeting, San Francisco 5/2013

23. **Rader F**, Leonard D, Franklin SS, Victor RG. Increased Prevalence Of Masked Hypertension In Blacks, Abstract #181, American Society of Hypertension Meeting, San Francisco 5/2013.
24. **Rader F**. JNC-8, Renal Denervation and All That Buzz. 4th annual Cedars-Sinai Women's Heart Symposium 4/2013.
25. **Rader F**, Victor RG. RDN-Hope or Hype. Cedars-Sinai Heart Institute Grand Rounds. 8/2013.
26. **Rader F**, Victor RG. Renal Denervation-Hope or Hype, 8th annual 'Controversies and Advances in the Treatment of Cardiovascular Disease' meeting, The Beverly Hills Hotel 11/2013.
27. **Rader F**. Renal Denervation-Hope or Hype and the Future of RDN after ACC? 18th Annual Coastal Cardiovascular Conference, Salisbury, MD 2/2014.
28. **Rader F**. Masked Hypertension by Home Blood Pressure Monitoring in Blacks: Missed Opportunities to Prevent Hypertensive Heart Disease, oral abstract #353, American Society of Hypertension Meeting, New York, NY 5/2014.
29. **Rader F**. A Dispassionate View of Renal Denervation: Back to Basics. Plenary Session at the American Society of Hypertension Meeting, New York, NY 5/2014.
30. **Rader F**, Franklin SS, Victor RG. Superiority of Home versus Clinic Blood Pressure as a Determinant of Hypertensive Heart Disease in Black Adults. 64th Annual Scientific Sessions of the American College of Cardiology, San Diego, CA 3/2015.
31. **Rader F**, Franklin SS, Victor RG. Greater Alerting Reaction Observed during Consecutive Clinic Blood Pressure Measurements is Associated with Hypertension and Hypertensive Heart Disease. American Society of Hypertension 30th Annual Scientific Meeting and Exposition, New York, NY 5/2015.

Research Grants & Fellowships Received

7/2008 - 6/2010	Multidisciplinary Clinical Research Training Program NIH Career Development Award (KL-2) #RR024990
9/2013 - present	UCLA CTSI (seed grant) UL1TR000124 Principle Investigator
7/2013 - present	Medtronic Symplicity-HTN-3 Co-Principal Investigator at Cedars-Sinai Medical Center
1/2014 - 2/2014	Medtronic Symplicity-HTN-4 Co-Principal Investigator at Cedars-Sinai Medical Center
10/2014 – present	Gilead GS-US-361-1157 Principal Investigator at Cedars-Sinai Medical Center

Scientific Reviewer

7/2011- present	American Journal of Cardiology
8/2012 - present	Journal of Atrial Fibrillation
10/2012 - present	Clinical Science
5/2013 - present	Heart Rhythm: The Official Journal of the Heart Rhythm Society
5/2014 - present	Journal of the Saudi Heart Association
6/2014 - present	Cardiovascular Journal of Africa

Professional Memberships

7/2007 - present	American Heart Association, Council of Hypertension
7/2008 - present	American College of Cardiology
7/2008 - 6/2010	Association for Clinical Research Training
7/2008 - 6/2010	Society for Clinical and Translational Science
2/2012 - present	American Society of Hypertension
8/2012 - present	American Society of Echocardiography

Teaching Activities

2002-2003	OEMU (Austrian Student Association), Student Counsellor, University of Vienna
2008-2012	Annual "Harvey" Seminar of the Cardiac Physical Examination For Medical Students at CWRU
2008-2011	Annual ECG Seminar For Medical Students at CWRU
2012 - present	Echo Core Lecture Series for Cardiology Fellows Cedars-Sinai Medical Center, The Heart Institute
10/2012 - present	Cardiology Consult Teaching Service for Residents & Fellows Cedars-Sinai Medical Center, The Heart Institute
8/2013 - present	Cardiac Intensive Care Unit teaching Service (Residents & Fellows) Cedars-Sinai Medical Center, The Heart Institute

Awards

2007	Case Western Reserve University, MetroHealth Campus Dept. of Medicine Educational Grant (CRSP)
2008	Case Western Reserve University Clinical & Translation Science Collaboration (research grant)
2009 - 2011	Case Western Reserve University, MetroHealth Campus Research Day Competition: First Prize

2010	Case Western Reserve University, MetroHealth Campus Research Festival: First Prize (oral presentations)
2009 & 2012	Case Western Reserve University, MetroHealth Campus Excellence in Research Award