**Michel F. Accad, MD**

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| **Education:** | - University of Texas at Austin  Bachelor of Science in Mathematics, May 1987 (High Honors)  - University of Texas Medical School in Houston  Doctor of Medicine, May 1993 |
| **Post-graduate education:** | - University of Texas Medical School in Houston  Internal Medicine Residency 1993-96  Chief Medical Resident 1996-97  - Gladstone Institute for Cardiovascular Disease, San Francisco, CA  Post-doctoral Fellowship 1997-99  - University of California, San Francisco, CA  Cardiology Fellowship 1999-2001  Interventional Cardiology Fellowship 2001-2002 |
| **Other education:** | - National Catholic Bioethics Center, Certification in Bioethics  (with distinction), 2012 |
| **Employment history and appointments:** | - Physician and Consultant, Private Practice, San Francisco, CA, April 2011-present  - HS Assistant Clinical Professor of Medicine, University of California, San Francisco 2008-present  - Lead Physician Proctor, RenovoRx, Los Altos, CA, 2019-present  - Chief Medical Officer, Maya Medical, Inc., Campbell, CA, 2011-2012  - Physician at T. Bashour, MD, Daly City, CA, 2008-2011  - Staff Cardiologist, The Permanente Medical Group, Inc., San Francisco, California 2002-2008.  - Medical Director, Cardiac Catheterization Laboratories, Kaiser Foundation Hospital, San Francisco, California 2005-2008.  - Medical Director, Coronary Care Unit, Kaiser Foundation Hospital, San Francisco, California, 2003-2005 |
| **Current hospital privileges** | Zuckerberg San Francisco General Hospital  California Pacific Medical Center, San Francisco  St. Francis Memorial Medical Center, San Francisco  St. Mary’s Hospital, San Francisco |
| **Community service** | * RotaCare Free Clinic, Daly City, CA. Volunteer Physician 2011-2014 * Clinic by the Bay Free Clinic, San Francisco, CA. Volunteer Physician. 2014-Present * California Association of Natural Family Planning, Salinas, CA. Vice-President. 2014-2017 * St. Brendan Parish, San Francisco, CA. RCIA Team Member. 2014-15 * St. Brendan Parish, San Francisco, CA. Parish Board Member and Vice-President. 2014-17. * Mater Ecclesiae Academy, Board of Directors, 2019-Present |
| **Board certifications:** | Cardiovascular Diseases (expires December 2021)  Interventional Cardiology (expires December 2022) |
| **Licensure:** | California (A63434) and Texas (J6294)  NPI 1649389768 |
| **Honor society** | Alpha Omega Alpha, 1993 |
| **Educational awards** | - University of Texas Presidential Fellowship Award, 1986  - University of Texas College of Natural Science Foundation Scholarship, 1986  - Bachelor of Science obtained with high honors, 1987  - University of Texas Medical School in Houston, Outstanding Resident Teaching Award 1996, 1997  - Houston Society for Internal Medicine Outstanding Resident Award 1996  - University of California San Francisco, Cardiology Fellow Teaching Award 2001 |
| **Professional memberships** | * European Society for Person-Center Health Care, Distinguished Fellow * American College of Cardiology, Fellow * Society for Cardiac Angiography and Intervention, Fellow * American Association of Physicians and Surgeons * Society for Heart Attack Prevention and Eradication, certified provider * San Francisco Medical Society. Editorial board member (2014-2020) * California Medical Association * Catholic Medical Association * San Francisco Guild of the Catholic Medical Association (President 2018-present) |
| **Paper presentations, speaking engagements, talks, lectures** | * “Diagnosis in the Ear of COVID.” Lehigh Valley Medical Center, Lehigh, PA. Ethics Hot Topics Series. August 2020 * “The ethics of free-market medicine” 5th Annual Conference of the Free Market Medical Association. Dallas, TX, April 13, 2019. * “Treating patients by the numbers: Blood pressure guidelines and the harms of population medicine.” 75th Annual Meeting of the Association of American Physicians and Surgeons, Indianapolis, IN, October 5, 2018. * “The brain-dead body is alive, one, and definitely human: A response to Maureen Condic and other defenders of brain death,’ 27th Annual Meeting of the University Faculty for Life, St. Thomas University, Minneapolis, MN, June 9, 2017. * “Hippocratic medicine in the age of population health.” Benjamin Rush Institute Annual Meeting, St. Louis, MO, February 2, 2017. * “Despite What the Law Says, Brain Death Is Not Death,” 73rd Annual Meeting of the Association of American Physicians and Surgeons, Oklahoma City, OK. September 23, 2016. * “Hylomorphic elements and the cell theory: A basis for biological law?” Society for Aristotelian-Thomistic Studies Annual Meeting, Thomas Aquinas College, Santa Paula, CA. June 17, 2016. * “From reacting machine to acting person: A praxeological interpretation of the patient, his health, and his medical care.” Austrian Economics Research Conference, Mises Institute, Auburn, AL. April 1, 2016. * “Of Wholes and Parts: A Thomistic Refutation of Brain Death,” 25th Annual Meeting of the University Faculty for Life, Fordham University, New York, NY, (paper presentation) June 8, 2014. * “A Conceptual History of the Risk Factor” California Pacific Medical Center, San Francisco, CA, Cardiology Grand Rounds, May 28, 2014. * “Reflections on Contraception and Women’s Health” Diocese of Fresno, California, April 25, 2014. * “Hypertension for the Engineer,” Santa Clara University, Dept. of Biomedical engineering, January 15, 2014. * “Physiology, Clinical Screening and Case Selection in Renal Denervation,” First KL Resistant Hypertension Course, Kuala Lumpur, Malaysia, September 8, 2013. * “Hypertension: a Historical and Philosophical Perspective,” Bio2Device Group, Sunnyvale, CA, June 18, 2013. * “Hypertension for the Engineer: Lessons Learned from Renal Sympathetic Denervation,”San Jose State University Biomedical Device Conference, March 27, 2013. * “The OneShot™ Renal Denervation System,” EuroPCR Conference, Paris, France (invited faculty), May 16, 2012. * “OneShot™ Renal Denervation System: Overview of Technology and First-in-Human Experience,” GI-2 Summit, Sao Paolo, Brazil (invited faculty), April 12, 2012. * “Problems with Prevention,”Rotary Club of San Francisco, March 20, 2012. * “OneShot™ Renal Denervation with the Maya Medical Ablation System,” LINC conference, Leipzig, Germany (invited faculty), Jan 24, 2012. * “Problems with Prevention,” German American Business Association, San Francisco, CA, October 17, 2011. * “Bedside Hemodynamics,” Seton Medical Center, Daly City, CA, Annual nursing educational seminar, February 14, 2011. * , “Clinical Aspects of Coronary Artery Disease,” UCSF School of Nursing, San Francisco, CA Graduate school of nursing seminars, 2008-2010. * “Advances in Interventional Cardiology: Structural Heart Disease,” San Francisco Heart and Vascular Institute Annual Nursing Symposium, Burlingame, CA, December 11, 2009. * “Advances in Interventional Cardiology: Structural Heart Disease,” Seton Medical Center, Daly City, CA, Grand Rounds, March 13, 2009. * “Advances in Interventional Cardiology,” Filipino Medical Society, Burlingame, CA, December 2008. * “Anatomic and Clinical Aspects of PFO,” San Francisco Heart and Vascular Institute: Cardiology Rounds, October 14, 2008. * “Atrial Fibrillation: A Practical Approach,” Kaiser San Francisco: Grand Rounds, July 24, 2006. * “Mitral Stenosis,” Kaiser San Francisco: Grand Rounds, October 2004. * “Syncope” Kaiser San Francisco: Medicine Rounds, February 2004. * “Atrial Fibrillation: Considerations for Evaluation and Management in the Emergency Department,” Kaiser San Francisco: Emergency Medicine Grand Rounds, February 2004. * “Anticipating and Managing PCI Complications,” The Permanente Medical Group, C.O.A.S.T. Annual Conference, Lake Tahoe, CA, September 2003. |

**Prior medical research activity:**

RESPECT-PFO:A randomized evaluation of recurrent stroke comparing PFO closure to established current standard of care treatment. Principal investigator (2006-2008), sub-investigator (2008-2011), Kaiser San Francisco. Sponsored by AGA Medical, Inc.

PFO-ACCESS Registry:Patent foramen ovale closure with the Amplatzer PFO Occluder in patients with recurrent cryptogenic stroke due to presumed paradoxical embolism through a patent foramen ovale who have failed conventional drug therapy. Principal investigator (2006-2008), sub-investigator (2008-2011), Kaiser San Francisco. Sponsored by AGA Medical, Inc.

CYPHER-ELITE STUDY: A Prospective, Single-Blind, Randomized, Multi-Center, Comparison Study Of The CYPHER® ELITE™ To The CYPHER® Bx VELOCITY® Sirolimus-Eluting Stent Systems. Sub-investigator, Kaiser San Francisco. Completed. Sponsored by Cordis, Inc.

CHAMPION: A clinical trial comparing treatment with Cangrelor (in combination with usual care) to usual care, in subject who require percutaneous coronary intervention. Sub-investigator, Kaiser San Francisco, completed. Sponsored by The Medicine Companies, Inc.

ILLUSTRATE: A Phase 3, Multi-Center, Double-Blind, Randomized, Parallel Group, Coronary Artery Intravascular Ultrasound Evaluation of the Anti-Atherosclerotic Efficacy, Safety, and Tolerability of Fixed Combination CP-529,414/Atorvastatin, Administered Orally, Once Daily (QD) for 24 Months, Compared with Atorvastatin Alone, in Subjects with Angiographically Documented Coronary Heart Disease. Sub-investigator, Kaiser San Francisco, completed. Sponsored by Pfizer, Inc.

**Publications in peer-reviewed medical journals:**

27. Accad M, Francis D. Does evidence-based medicine adversely affect clinical judgment? *BMJ* 2018;362:k2799

26. Accad, M. The brain-dead body is alive, one, and human: A response to Maureen Condic and other proponents of brain death. *Proceedings of the Twenty-Seventh University Faculty for Life Conference,* Koterski, JW, ed. 2018;233-39.

25. Accad M. Population health: At odds with person-centered health care. *Eur J Person-centered health care* 2017;5(2) 167-69

24. Accad M. Hylomorphic elements and the cell theory: A basis for biological law? *The Thomist.* Accepted for publication

23. Accad M. How Western medicine lost its soul. *Linacre Q.* 2016; 83(2) 144-6

22. Accad M. A rejoinder to Jason Eberl on brain death. *Linacre Q* 2016; 83(1) 1-2

21. Accad M. Of wholes and parts: a Thomistic refutation of brain death. *Linacre Q*. 2015; 82(3)217-34

20. Accad M. Heterologous embryo transfer: magisterial answers and metaphysical questions. *Linacre Q.* 2014; 81(1):38-46

19. Accad M. On defining good health. *Tex Heart Inst J*. 2013; 40(3):370

18. Accad M. Skills, knowledge and prevention. *Am J Cardiol* 2012; 110(1):161

17. Accad M. More reasons statins are shunned. *Am J Cardiol* 2011; 107(6):957

16. Accad M, Fred HL. Risk-Factor Medicine: An Industry Out of Control? *Cardiology.* 117:64-67

15. Accad M, Fred HL. On redefining hypertension. *Tex Heart Inst J*. 2010; 37(4): 439–441

14. Accad M, Fred HL. Is JUPITER also a god of primary prevention? *Tex Heart Inst J*. 2010; 37(1):6-7

13. Accad M. Statistics and the rise of medical fortunetellers. *Texas Heart Inst J.* 2009; 36(6):508-509

12. Michaels AD, Accad M, Ports TA, Grossman W. Left ventricular systolic unloading and augmentation of intracoronary pressure and Doppler flow during enhanced external counterpulsation. *Circulation* Sep 3, 2002; 106(10):1237-42.

11. Accad M, Michaels AD. Management after myocardial infarction. *Curr Treat Options Cardiovasc Med.* Feb 2002; 4(1):41-54.

10. Fazio S, Liu L, Gleaves LA, Major AS, Swift LL, Accad M, Linton MF, Farese, RV Jr. Increased atherosclerosis in LDL-receptor-deficient mice lacking ACAT1 in macrophages. *J Clin Invest* Jan 2001; 107(2):163-171

9. Buhman KF, Accad M, Farese RV Jr. Mammalian acyl-CoA:cholesterol acyltransferases. *Biochim Biophys Acta* Dec 2000; 1529(1-3):142-154

8. Buhman KK\*, Accad M\*, Novak S\*, Choi RS, Wong JS, Hamilton RL, Turley S, Farese RV Jr. Resistance to diet-induced hypercholesterolemia and gallstone formation in ACAT2-deficient mice. *Nature Med* Dec 2000; 6(12):1341-1347. \*Equal contributors.

7. Accad M, Smith SJ, Newland DL, Sanan DA, King LE Jr, Linton MF, Fazio S, Farese RV Jr. Massive xanthomatosis and altered composition of atherosclerotic lesions in hyperlipidemic mice lacking acyl CoA:cholesterol acyltransferase. *J Clin Invest* Mar 2000; 105(6):711-9

6. Fred HL, Accad M. Images in clinical medicine. Lipemia retinalis. *N Engl J Med* Jun 24, 1999; 340(25):1969

### 5. Accad M, Farese RV Jr. Cholesterol homeostasis: a role for oxysterols. *Curr Biol* Aug 27, 1998; 8(17):R601-604

4. Accad MF, Fred HL. Dyspnea, cyanosis, and pulmonary infiltrates in a young skier. *Hospital Practice* Dec 15, 1997; 32(12):93-94

3. Accad MF, Fred HL. Gross hematuria in a young woman with seizures and skin lesions. *Hospital Practice* May 15, 1997; 32(5):204-206

2. Fred HL, Accad MF. Abdominal pain, leg weakness, and alopecia in a teenage boy. *Hospital Practice* Apr 15, 1997; 32(4):69-70

1. Feld S, Li G, Amirian J, Felli P, Vaughn WK, Accad M, Tolleson TR, Swenson C, Ostro M, Smalling RW. Enhanced thrombolysis, reduced coronary reocclusion and limitation of infarct size with liposomal prostaglandin E1 in a canine thrombolysis model. *J Am Coll Cardiol* Nov 1, 1994; 24(5):1382-1390

**Book:**

Accad, M. *Moving mountains: A Socratic challenge to the theory and practice of population medicine.* 2017 (College Station, TX:Green House Publishing).

**Other selected publications:**

14. Michel Accad, “Healthcare in the Crosshairs.” *The Austrian*. 2017 3(5) 15-16.

13. Michel Accad, “La Santé aux Etats-Unis: Les Nouvelles Sont Bonnes Contre Toute Attente.” *Courier du Médecin Vaudois* 2017 3:8-9

12. Michel Accad, “Healthcare Quality Measures: A Contradiction in Terms?” *San Francisco Medicine.* September 2016.

11. Michel Accad, “The Widowmaker: A Movie Review.” *San Francisco Medicine*. February 2016

10. Michel Accad, “Maintaining Board Certification: Who is Thriving and Who Is Surviving?” *San Francisco Medicine*. November/December 2015

9. Michel Accad, “The War on Obesity: Conscientious Objections.” *San Francisco Medicine*. May 2015

8. Michel Accad, “’Physician-Assisted Dying:’ A Deadly Choice for the Medical Profession.” *San Francisco Medicine*. April 2015

7. Michel Accad, “Medical Experts and the Stewardship of the Body,” *CANFP News*, Salinas, CA, Winter 2015

6. Michel Accad, “Prohibition, Then and Now.” *San Francisco Medical Society Blog*. September 29, 2014. http://www.sfms.org/NewsPublication/SFMSBlog/TabId/467/Tag/michel-accad/Default.aspx

5. Michel Accad, “Dr. Feelgood: Yesterday and Today” Healthy Living. *Nob Hill Gazette*, San Francisco, CA, August 2014

4. Michel Accad, “Is the ‘Executive Physical’ Bad for You?” Healthy Living. *Nob Hill Gazette,* San Francisco, CA, January 2014

3. Michel Accad, “The Cardiovascular Costs of Contraceptive ‘Freedom,’” *CANFP News*, Salinas, CA, Summer 2013

2. Michel Accad, “The Mayo Clinic and the Free Market.” Mises Daily. September 9, 2011 http://mises.org/library/mayo-clinic-and-free-market

1. Michel Accad, “Herb Fred’s 4 C’s” foreword in *The Best of Herb Fred, MD*. Kingsley Literary Services, Houston, 2010.

Professional blog: *Alert and Oriented*. <http://AlertAndOriented.com>

Regular contributions to *The Health Care Blog.* <http://thehealthcareblog.com>

Podcast: The Accad and Koka Report <https://accadandkoka.com>

Twitter Account: @michelaccad