

PROMOTION RECOMMENDATION
UNIVERSITY OF MICHIGAN
MEDICAL SCHOOL
DEPARTMENT OF SURGERY

Approved by the Regents
May 20, 2010

Himanshu J. Patel, M.D., assistant professor of surgery, Department of Surgery, Medical School, is recommended for promotion to associate professor of surgery, with tenure, Department of Surgery, Medical School.

Academic Degrees:

M.D.	1993	The Johns Hopkins University
B.A.	1988	The Johns Hopkins University

Professional Record:

2003-present	Assistant Professor of Surgery, University of Michigan
2002-2003	Lecturer, Department of Surgery, University of Michigan

Summary of Evaluation:

Teaching: Dr. Patel has played an active role in the teaching of cardiovascular surgery fellows, thoracic surgery residents, and medical students at the University of Michigan through the thoracic surgery didactic lecture series. He has been an effective teacher both within the operating room, during rounds in the intensive care unit and the general care floors, and at the VA Medical Center. He has acted as mentor for undergraduate and medical students as well as general surgery and thoracic surgery residents and fellows. These activities have resulted in numerous manuscripts and presentations at national meetings.

Research: Dr. Patel maintains an active research program, with interests that include the study of endovascular repair of thoracic aneurysms. He has authored ten peer-reviewed publications on this subject, including eight as first author. In addition, he has written 29 other peer-reviewed manuscripts on topics ranging from cardiomyoplasty to aortic dissection. Because the field of endovascular repair is multidisciplinary, Dr. Patel has been invited to give presentations at national meetings of the American College of Surgeons, the American Heart Association, and two vascular surgery societies, in addition to the major thoracic surgery societies [Society of Thoracic Surgeons, American Association for Thoracic Surgery, American Thoracic Society, Southern Thoracic Surgical Association, and Western Thoracic Surgical Association]. He has given or scheduled presentations to two international societies in Europe. His expertise has led to participation in clinical trials of all new FDA-approved thoracic endovascular devices over the last three years. He is associate editor of *Cardiosource Review Journal* and guest reviewer for five national journals [*Circulation*, *Annals of Thoracic Surgery*, *Annals of Vascular Surgery*, *Journal of Thoracic and Cardiovascular Surgery*, and *Mayo Clinic Proceedings*].

Recent and Significant Publications:

Patel HJ, Williams DM, Upchurch GR, Jr., Dasika NL, Eliason JL, Deeb GM: Late outcomes of endovascular aortic repair for the infected thoracic aorta. *Ann Thorac Surg* 87(5):1366-1371, 2009.

Patel HJ, Suzuki Y, Williams DM, Dasika NL, Deeb GM: Operative delay for peripheral malperfusion syndrome in acute type A aortic dissection: A long term analysis. *J Thorac Cardiovasc Surg* 135:1288-1296, 2008.

Patel HJ, Williams DM, Upchurch GR Jr., Dasika NL, Passow MC, Prager RL, Deeb GM: A comparison of open and endovascular descending thoracic aortic repair in patients over 75 years of age. *Ann Thorac Surg* 85 (5):1597-1604, 2008.

Patel HJ, Shillingford MS, Williams DM, Upchurch GR Jr, Dasika NL, Prager RL, Deeb GM: Survival benefit of endovascular descending thoracic aortic repair for the high risk patient. *Ann Thorac Surg* 83(5):1628-1633, 2007.

Patel HJ, Williams DM, Upchurch GR Jr, Shillingford MS, Proctor MS, Deeb GM: Long term results from a twelve year experience with endovascular therapy for thoracic aortic disease. *Ann Thorac Surg* 82:2147-2153, 2006.

Service: Dr. Patel serves as chief of cardiothoracic surgery at the Ann Arbor Veterans Administration Hospital. He is responsible for directing this program, which provides a significant volume of the surgical experience our residents will have in ischemic heart disease, and the only cardiac surgery experience that general surgery residents will have. He developed the multidisciplinary program in thoracic endovascular surgery, which was awarded a \$1-million grant from the University's Clinical Innovations Fund. This program has generated significant clinical activity, clinical trials, and research since its inception. Dr. Patel established the Thoracic Endovascular program in 2007. Since then, clinical activity has increased from fewer than five endovascular repairs to over fifty per year. Continued growth is expected. This multidisciplinary effort has led to Dr. Patel's being named to the board of the Aortic Destination Program, which will advance the clinical activities of cardiac surgery, vascular surgery, cardiovascular medicine, and interventional radiology. His operative case volumes have doubled in the last six years.

External Review:

Reviewer A: "...both nationally and internationally, Dr. Patel is noted for his achievements and contributions in the field of new and innovative approaches regarding the technical aspects of cardiac surgery, especially thoracic aortic reconstruction and endovascular stent grafting...Most of us eagerly await his presentations, as we will always learn something of importance that we can take home to our own institutions as we incrementally improve patient care and outcomes."

Reviewer B: “His scholarly activity and excellent clinical result[s] have catapulted him to a leadership role in the field of thoracic vascular surgery. Dr. Patel is the total package with excellent clinical results, scholarly activity, and a dedicated role in student and resident education at the University of Michigan.”

Reviewer C: “The field of thoracic endovascular surgery is moving forward swiftly and at the head of the pack, Dr. Patel and a few of his peers. His paper on ‘Endovascular Repair of Infected Aortic Disease’ is a landmark in that it achieves a low risk alternative to open surgery in patients with this devastating condition.”

Reviewer D: “Dr. Patel is clearly among the top leaders [of his cohort] in Cardiothoracic Surgery...I have spoken with a few residents from the University of Michigan and they uniformly hold Dr. Patel in high regard as a mentor. Moreover, the presentations that I have seen at national meetings by Dr. Patel have been excellent. The high quality of his published work speaks for itself.”

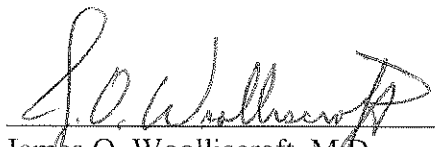
Reviewer E: “...I believe Dr. Patel could easily be promoted as Associate Professor [at my institution] with his clinical and educational abilities. Dr. Patel is well on his way to being a leader in cardiovascular surgery. He certainly is a leader in aortic surgery.”

Reviewer F: “Unquestionably he is one of the leading authorities [of his cohort] in disease of the aorta and their treatment. He already acquired a national reputation as a leader in this area...His record of publications is outstanding in their quantity and quality.”

Reviewer G: “He was very quickly recognized as an up and coming leader, particularly in the area of aortic surgery...Dr. Patel has already achieved national recognition for his accomplishments in this area. He has published a number of important studies in the emerging field of endovascular therapy of thoracic aortic aneurysms.”

Summary of Recommendation:

Dr. Patel is clearly an academic surgeon with an international reputation. He plays a key role in the field of aortic aneurysm disease and endovascular surgery well beyond the University. His roles as an educator, researcher, surgeon, and administrator are highly-regarded. It is my pleasure to recommend him as an outstanding candidate for promotion to associate professor of surgery, with tenure.



James O. Woolliscroft, MD.

Dean

Lyle C. Roll Professor of Medicine

May 2010