

PROMOTION RECOMMENDATION  
UNIVERSITY OF MICHIGAN  
MEDICAL SCHOOL  
DEPARTMENT OF SURGERY

Approved by the Regents  
May 14, 2009

Peter K. Henke, M.D., associate professor of surgery, with tenure, Department of Surgery, Medical School, is recommended for promotion to professor of surgery, with tenure, Department of Surgery, Medical School.

Academic Degrees:

M.D.	1992	University of Wisconsin
B.S.	1988	University of Wisconsin

Professional Record:

2005-present	Associate Professor of Surgery, University of Michigan
2000-2005	Assistant Professor of Surgery, University of Michigan

Summary of Evaluation:

Teaching: Dr. Henke has major teaching responsibilities for medical students, residents in general and vascular surgery, as well as vascular surgery fellows. He has been involved in formal classroom, group and case discussions for approximately 120 hours per year. This includes M3 student lectures, vascular surgery breakfast teaching meetings, vascular surgery case conferences and coordination of the vascular surgery journal club. This is in addition to his teaching that is done at the bedside and operating room, as well as VA Hospital Vascular Surgery walkarounds. Dr. Henke's teaching covers all aspects of care from the social needs of patients to diagnostic and therapeutic interventions, as well as the molecular basis of many vascular diseases. He is consistently ranked very high by his students. One student stated in their evaluation "His enthusiasm for teaching as well as his dedication to his specialty are compelling and have increased my interest in both the surgical field in general as well as vascular as a subspecialty." Finally, Dr. Henke has been recognized for his teaching efforts as he was the recipient of the 2006 Arnold G. Coran Teaching Award and the 2008 William W. Coon Award for Excellence in Surgical Education – the second time he has won that award.

Dr. Henke has mentored many undergraduate and medical students, as well as residents who themselves have gone on to receive numerous awards and accolades for their achievements. He has been a primary mentor for Dr. John Rectenwald and Dr. Barry Deatricks, both receiving the BSN-JOBST Vascular Fellowship awards. He also has been a mentor for laboratory students Daria Moaveni and Vikrim Sood for the student Lifeline Research awards in 2005 and 2007.

Research: Dr. Henke has had considerable success in his laboratory investigations regarding mechanisms of venous thrombosis resolution. He is a nationally recognized expert on the role of

various cytokines and his research is focused in a way that the outcomes of his studies will make a difference in patients who suffer from deep vein thrombosis. He currently is the principal investigator for a NIH R01 award for "Vein Wall Remodeling After Deep Vein Thrombosis is Matrix Metalloproteinase – Dependent" and is co-investigator on three other NIH R01 grants. Dr. Henke has authored or co-authored 46 journal publications since his last promotion and has contributed 15 book chapters during that same time. Dr. Henke has presented his work at all the major academic clinical vascular surgical societies in the United States, where he is recognized as an outstanding clinician-scientist.

#### Recent and Significant Publications:

Gangireddy C, Rectenwald JR, Upchurch GR, Wakefield TW, Khuri S, Henderson WG, Henke PK: Risk factors and clinical impact of postoperative symptomatic venous thromboembolism. *J Vasc Surg* 45(2):335-341, 2007.

Henke PK, Varma MR, Moaveni DK, Dewyer NA, Moore AJ, Lynch EM, Longo C, Deatrck CB, Kunkel SL, Upchurch GR Jr, Wakefield TW: Fibrotic injury after experimental deep vein thrombosis is determined by the mechanism of thrombogenesis. *Thromb Haemos* 98(5):1045-55, 2007.

Henke PK, Pearce CG, Moaveni DM, Moore AJ, Lynch EM, Longo C, Varma M, Dewyer NA, Deatrck KB, Upchurch GR Jr, Wakefield TW, Hogaboam C, Kunkel SL: Targeted deletion of CCR2 impairs deep vein thrombosis resolution in a mouse model. *J Immunol* 177(5):3388-97, 2006.

Rectenwald JE, Deatrck KB, Sukheepod P, Lynch EM, Moore AJ, Moaveni DM, Dewyer NA, Luke CE, Upchurch GR Jr, Wakefield TW, Kunkel SL, Henke PK. Experimental pulmonary embolism: effects of the thrombus and attenuation of pulmonary artery injury by low-molecular-weight heparin. *J Vasc Surg* 43(4):800-8, 2006.

Henke PK, Blackburn SA, Wainess RW, Cowan J, Terando A, Proctor M, Wakefield TW, Upchurch GR Jr, Stanley JC, Greenfield LJ. Osteomyelitis of the foot and toe in adults is a surgical disease: conservative management worsens lower extremity salvage. *Ann Surg* 241(6):885-92, 2005.

Service: Dr. Henke's administrative responsibilities at the University of Michigan include director of the Non-invasive Diagnostic Vascular Unit and he serves on the Research Advisory Council for the Department of Surgery. For the VA Medical Center, he is acting chief of surgery and also serves on the VA's Clinical Executive Board, Professional Standards Board, Executive Leadership Board, Infection Control Committee and the Bed Utilization Committee. Nationally, Dr. Henke is a member of the Post Graduate Education Committee of the Society for Vascular Surgery. Also, he is on the Executive Council of the American Venous Forum, as well as the Research Council of that Society. He was made a Distinguished Fellow of the Society for Vascular Surgery in 2006, which is the most prestigious position within that national organization, the primary vascular surgical organization in North America.

Professional Work: Dr. Henke provides care to patients primarily at the VA Medical Center where he has a 6/8ths appointment. He also sees patients at the University of Michigan Hospital. He performs on average 200 operations per year and sees on average 700 outpatients per year. Dr. Henke has been instrumental in the opening of the Diagnostic Vascular Unit (DVU) in the Cardiovascular Center and has worked to streamline processes and improve referring communications within the DVU. He is also involved in the development of the Venous Management Collaborative Program. This unique program will foster collaboration between Vascular Surgery, Interventional Radiology and Cardiovascular Medicine.

External Review:

Reviewer A: “Through concerted, focused effort and remarkable perseverance, Peter has established himself as a world’s leading authority on the vascular biology of venous thrombosis and remodeling.”

Reviewer B: “Dr. Henke’s efforts clearly significantly contribute to the University of Michigan’s reputation as the premier institution for the basic science investigation of deep venous thrombosis. Peter’s multiple publications in this area are recognized both nationally and internationally as amongst the most important recent contributions to the field.”

Reviewer C: “It is clear that Dr. Henke has made a number of significant contributions in the area of venous thromboembolism that has advanced our knowledge in this area....In addition to these academic accomplishments, Dr. Henke is widely regarded as an excellent vascular surgeon. In particular, he is noted for his patient-centered approach to his clinical work.”

Reviewer D: “I believe he is clearly deserving of this recognition, based upon his national recognition, comparison with other academic vascular surgeons, and his level of funding.”

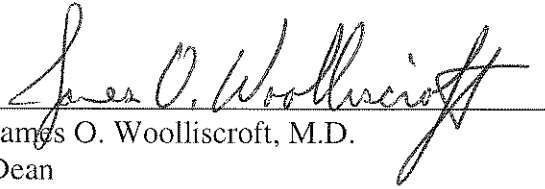
Reviewer E: “...Dr. Henke has accelerated his clinical and scientific achievements which place him ahead of the majority of his peers...I am convinced that he would be considered favorably for promotion to the rank of Professor with tenure in the majority of medical schools in the United States...”

Reviewer F: “To my mind, Dr. Henke is the epitome of the academic surgeon. He is not only making important contributions to research, but also in contributing to education.”

Summary of Recommendation:

Peter K. Henke, M.D., has exhibited outstanding academic and clinical productivity. He has published extensively and has been able to attract extramural funding for research including from the National Institutes of Health. He has given numerous presentations regionally and nationally. He has an international reputation as an investigator, being an expert in venous thrombosis. He is viewed as one of the University of Michigan Medical School’s outstanding

teachers of both students and residents. His potential for continued excellence in academic medicine is clear and he will no doubt provide a leading role in advancing the Medical School, the VA Medical Center and the Health System in years to come.

A handwritten signature in cursive script, reading "James O. Woolliscroft", written over a horizontal line.

James O. Woolliscroft, M.D.

Dean

*Lyle C. Roll Professor of Medicine*

May 2009