

PROMOTION RECOMMENDATION
UNIVERSITY OF MICHIGAN
MEDICAL SCHOOL
DEPARTMENT OF INTERNAL MEDICINE

Joseph M. Messana, M.D., associate professor of internal medicine, with tenure, Department of Internal Medicine, Medical School, is recommended for promotion to professor of internal medicine, with tenure, Department of Internal Medicine, Medical School.

Academic Degrees:

M.D.	1982	University of Michigan
B.S.	1978	University of Michigan

Professional Record:

1999-present	Associate Professor of Internal Medicine, University of Michigan
1993-1999	Assistant Professor of Internal Medicine, University of Michigan
1991-1993	Director of Endstage Renal Disease Programs, William Beaumont Hospital
1990-1991	Assistant Professor of Internal Medicine, University of Michigan
1988-1990	Instructor of Internal Medicine, University of Michigan
1987-1988	Lecturer, Department of Internal Medicine, University of Michigan

Summary of Evaluation:

Teaching: Dr. Messana is a regular contributor to the internal medicine residency training program and the nephrology fellowship training program. He is among the highest rated teaching physicians. He participates regularly in the lecture schedule, providing several lectures each year on various topics in the field of clinical nephrology and dialysis facility operations. Evidence for excellence in this educator role is provided by superlative teaching scores. In addition, he is a past winner of the residents' teaching award in the Department of Internal Medicine. He has been honored as the recipient of the Nephrology Teacher of the Year award every year that he has been eligible to receive it, since the award was instituted. Had he been eligible, he would have won that award each of the last four years.

Research: Dr. Messana is a key member of a nationally prominent health policy and outcomes research group concentrating on the health economics of end stage renal disease. His collaborative multi-principal investigator group is studying the redesign of CMS' payment system for chronic dialysis care in the United States. The research database development and subsequent research by the group has facilitated numerous research publications in prestigious medical and health policy/outcomes peer-reviewed periodicals, as well as numerous

presentations of results at the American Society of Nephrology meetings over the last several years. Because of his expertise in this area, he was recently selected to be a member of the Medicare Evidence Development and Coverage Advisory Committee for CMS. Dr. Messana is on the editorial board for *Clinical Nephrology*. He is also an ad-hoc reviewer for the *American Journal of Kidney Disease*, *Annals of Internal Medicine*, *Infection Control and Hospital Epidemiology*, *Kidney International*, and *Nephron*.

Recent and Significant Publications:

Hirth RA, Turenne MN, Wheeler JRC, Ma Y, Messana JM: Do resource utilization and clinical measures still vary across dialysis chains after controlling for the local practices of facilities and physicians? *Med Care* 48:726-732, August 2010.

Turenne MN, Hirth RA, Messana JM, Turner J, Sleeman K, Tedeschi P, Wheeler JRC: When payment systems collide. The effect of hospitalization on anemia in renal dialysis patients. *Med Care* 48:296-305, 2010.

Messana JM, Chuang C, Turenne M, Wheeler J, Turner J, Sleeman K, Tedeschi P, Hirth R: Association of quarterly average achieved hematocrit with mortality in dialysis patients: a time-dependent comorbidity-adjusted model. *Am J Kidney Dis* 53:503-512, 2009.

Hirth R, Turenne M, Wheeler JRC, Pozniak A, Tedeschi P, Chuang C, Pan Q, Shish K, Messana JM: Case-mix adjustment for an expanded renal prospective payment system. *J Am Soc Nephrol* 18:2565-2574, 2007.

Wheeler J, Messana JM, Turenne M, Hirth R, Pozniak A, Pan Q, Chuang C, Shish K, Tedeschi P, Roys E, Wolfe R: Understanding the basic case-mix adjustment for the composite rate. *Am J Kidney Dis* 47:666-671, 2006.

Service: Dr. Messana has an exemplary record of service. For eight years he served as the chair of the Professional Education Committee and as a member of the Scientific Advisory Board Executive Committee for the National Kidney Foundation. He is currently a member of the Medicare Evidence Development and Coverage Advisory Committee for CMS. Recently he served as vice president of the Executive Committee of End-stage Renal Disease Network 11 which manages issues and quality of care for dialysis and transplant patients in Michigan, Minnesota, North Dakota, South Dakota and Wisconsin. Dr. Messana is also highly involved in UMHS service activities. He established Michigan Dialysis Services (MDS) in 1999 and served as the medical director and CEO of that organization until 2005. He currently serves on its board of directors. Until January of 2010, he was service chief for the Division of Nephrology. In 2007, was appointed director to the Michigan Health Corporation Management Committee on which he still serves. He is also a member of the CareWeb Create Doc and E-Sig Advisory Committee for the University and he sits on the Inpatient Leadership Committee and the Faculty Review Committee for the Department of Internal Medicine. In addition to his service and research, Dr. Messana has provided patient care and leadership in the areas of chronic renal replacement therapy (dialysis) and general nephrology. The majority of his clinical duties occur in University Hospital, caring for inpatients assigned to Nephrology's Chronic Dialysis Consult

Service, and in the Michigan Dialysis Services Clinic-Ann Arbor, where he serves as director of home dialysis programs.

External Review:

Reviewer A: “Much of Dr. Messana’s research work is related to CMS projects...I cannot emphasize enough the impact Dr. Messana’s work in these areas has had on Nephrology, and would rate his work in this area as a seminal advance which will have a lasting effect on Nephrology....Dr. Messana would easily be promoted to Professor of Medicine at our institution, and in my opinion virtually every other academic center.”

Reviewer B: “...Dr. Messana’s publications are timely, relevant, and informative and meet the highest academic criteria for publication.”

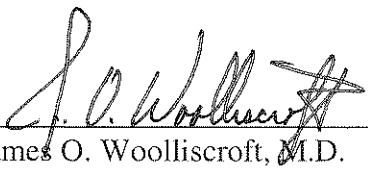
Reviewer C: “Dr. Messana is a superb teacher...He demonstrates in-depth knowledge on a surprisingly broad range of topics in nephrology and clearly has the ability to transmit this in a clear and organized manner. But most importantly, he is able to transmit this in a way that stimulates his audience. I am not surprised that he is the recipient of several prestigious teaching awards at the University of Michigan.”

Reviewer D: “He is clearly a leader among his peers and has become a resource to academic thought leaders in nephrology as they try to develop new paradigms to care for patients with ESRD. His academic and clinical strengths help assure that new policies will not be driven based solely upon economics, but also on sound clinical evidence.”

Reviewer E: “...Joe’s scholarly work in payment and performance in dialysis has put him squarely in the center of the largest and most important change in dialysis financing in the US in nearly 40 years: the ESRD prospective payment system, including the proposed quality incentive program. Dr. Messana’s scholarly contribution therefore could hardly be greater, or his professional niche more important in clinical nephrology in the United States.”

Summary of Recommendation:

Dr. Messana is an established and gifted physician educator and researcher. His contributions have improved dialysis patient care. He is recognized at a national level and is a treasured teacher. It is with the highest enthusiasm that I support Dr. Messana for promotion to professor in the Department of Internal Medicine.



James O. Woolliscroft, M.D.

Dean

Lyle C. Roll Professor of Medicine

May 2011