

Robert Schilz, D.O., Ph.D.

Director of Lung Transplantation and Pulmonary Vascular Disease
Associate Professor of Medicine

Education:

Undergraduate: University of Wisconsin, B.S. Biochemistry and Molecular Biology
Madison, Wisconsin 1979

Medical School: Michigan State University, D.O../PhD Biochemistry and Molecular Biology
East Lansing, Michigan 1988

Training:

Internship: EW Sparrow Hospital
Lansing, Michigan

Residency: The Cleveland Clinic Foundation
Cleveland, Ohio

Fellowship: Yale University
New Haven, Connecticut
Pulmonary and Critical Care Medicine

Area of Concentration:

In January 2002, Dr. Schilz joined the faculty of UHHS/CWRU as Director of Lung Transplantation and Pulmonary Vascular Disease. He has been recognized as one of "America's Top Physicians", and has appeared in "Who's Who in Medicine". Dr. Schilz is a major contributor to advisory boards on the regional and national level, working with steering committees for clinical, board reviews and pharmaceuticals. As an invited lecturer, he has presented extensively on pulmonary hypertension, lung transplantation and obstructive lung disease as well as being widely published. Dr. Schilz's academic and research interests are focused, but not limited to, pulmonary hypertension, lung transplantation, critical care, and diaphragmatic pacing. He currently directs the clinical research core in the Division.

Selected Publications:

C. Shain McSwain, Ray Benza, MD, Shelley Shapiro, MD, PhD, Nicholas Hill, MD, Robert Schilz, DO, PhD, C. Gregory Elliott, MD, Diane L. Zwicke, MD, Ronald Oudiz, MD, James P. Staszewski, PhD, Carl P. Arnesson, MStat, David Zaccardelli, PharmD, Vallerie McLaughlin, MD
Dose Proportionality of Treprostinil Sodium (Remodulin[®]) Administered by Continuous Subcutaneous and Intravenous Infusion; J Clin. Pharmacol. 48:19; 2008

Raymond P. Onders MD^{1,2}, Arthur M. Carlin MD³, MaryJo Elmo ACNP¹, Subhalaakashmi Sivashankaran MD⁴, Bashar Katirji MD² Robert Schilz DO, PhD⁵ Surgery in Patients with Amyotrophic Lateral Sclerosis: The Midwestern Surgical Experience with the Diaphragm Pacing Stimulation (DPS) System Shows that General Anesthesia can be Safely Performed, American Journal of Surgery 08/08.

Michael J. Rosen MD, Lee Ponsky MD. Robert Schilz DO Laparoscopic

Retroperitoneal Repair of a Right Sided Bochdalek Hernia The World Journal of Hernia and Abdominal Wall Surgery, M. J. Rosen, L. Ponsky, R. Schilz. Laparoscopic retroperitoneal repair of a right sided bochdalek hernia. Hernia 11: 185-188, 2007.

Raquel Clayton, BSN, RN; Ginny Rizzo, RN; Robert Schilz, DO, PhD; Steven Knoper, MD; Christina Marsala, CCRP, RAC; Valerie McLaughlin, MD Evaluation of Topical/Systemic Anti-Inflammatory Pre-Treatment or Catheter Pre-Placement on the Infusion Site Reaction Associated with Subcutaneous Remodulin Administration (J Clin Nursing 04/08)

Raymond Onders MD, Michael F. McGee MD, Jeffrey Marks MD, Amitabh Chak MD, Robert Schilz DO, PhD, Michael J. Rosen MD, Anthony Ignagni, Ashley Faulx MD, Mary Jo Elmo ACNP, Steve Schomisch, Jeffrey Ponsky MD Diaphragm Pacing with Natural Orifice Transluminal Endoscopy Surgery (NOTES): Potential for Difficult to Wean Intensive Care Unit (ICU) Patients. Surgical Endoscopy 2006 Online Publication DOI: 10.1007/s00464-006-9125-4

Rubensfire, M, MD, MSc, McLaughlin, VV, MD, Allen, R, MD, Elliott, G, MD, Park, M, MD, Wade, M., PhD, and Schilz, R, DO Transition from epoprostenol to treprostinil in pulmonary arterial hypertension: a controlled trial. CHEST 132(3): 757, 2007.

Narine L, Hague LK, Walker J, Vicente C, Schilz R, Desjardins, O, Einarson TR, Iskedjian M. Cost-minimization analysis of treprostinil vs epoprostenol as an alternative to oral therapy non-responders for the treatment of pulmonary arterial hypertension Curr Med Res and Opinions 21(12):2007-2016, 2006.

Frost AE, Langleben D, Oudiz R, Hill N, Horn E, McLaughlin V, Robbins IM, Shapiro S, Tapson VF, Zwicke D, DeMarco T, Schilz R, Rubensfire M, Barst RJ. The 6-min walk test (6MW) as an efficacy endpoint in pulmonary arterial hypertension clinical trials: demonstration of a ceiling effect. Vascular Pharmacology. 43(1):36-9, 2005.

Goldfarb NS, Avery RK, Goormastic M, Mehta AC, **Schilz R**, Smedira N, Pien L, Haug MT, Gordon SM, Hague LK, Dresing JM, Evans-Walker T, Maurer JR. Hypogammaglobulinemia in lung transplant recipients. Transplantation 71(2):242-246, 2001.

PJ Mazzone, S Mossad, S Mawhorter, **RJ Schilz**, AC Mehta, J Maurer. Efficacy of Influenza Vaccination in Lung Transplant Patients. Eur Resp J Jan. 2001

D.B. Badesch, V.F. Tapson, M.D. McGoon, B.H. Brundage, L.J. Wigley, S. Rich, R.J. Barst, P.S. Barrett, K.M. Kral, M.M. Jobsis, J.E. Loyd, S. Murali, A. Forst, R. Girgis, R. Bourge, D.D. Ralph, C.G. Elliott, N.S. Hill, D. Langleben, **R.J. Schilz**, V.V. McLaughlin, I.V. Robbins, S. Shapiro, T.A. Medsger, S.P. Gaine, E. Horn, J.C. Decker, K. Knobil. A comparison of continuous intravenous epoprostenol with conventional therapy for pulmonary hypertension secondary to the scleroderma spectrum of diseases. Annals of Internal Medicine 132(6):425-434, 2000.

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