

# CURRICULUM VITAE

**KENT S. KAPITAN, M.D.**

**Work Address**

Postal address	Southern Illinois University School of Medicine Division of Pulmonary and Critical Care Medicine P.O. Box 19636 Springfield, IL 62794-9636
Physical Address	Southern Illinois University School of Medicine Division of Pulmonary and Critical Care Medicine 701 North First Street, Room D434 Springfield, Illinois 62702
Clinic Address	Southern Illinois University School of Medicine Pulmonary Medicine Clinic 751 North Rutledge Street Springfield, IL 62702

## **EDUCATION**

1974	Bachelor of Science University of Wisconsin
1978	Doctor of Medicine University of Wisconsin
1978-1981	Medical Residency University of Iowa Hospitals and Clinics
1983	Master of Science, Engineering Mechanics University of Wisconsin
1983-1985	Fellowship in Respiratory Physiology University of California, San Diego
1984-1987	Fellowship in Pulmonary and Critical Care Medicine University of California, San Diego

## **ACADEMIC PROFESSIONAL**

Kent S. Kapitan, MD

1985-1987	Instructor in Medicine University of California, San Diego
1987-1989	Assistant Professor of Medicine University of California, San Diego
2005 – present	Associate Professor Division of Pulmonary and Critical Care Medicine Department of Medicine SIU School of Medicine Springfield, Illinois

Current Clinical Appointments:

2005 – present	Medical Staff Physician Memorial Medical Center 701 North First Springfield, Illinois
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2005 – present	Medical Staff Physician St. John's Hospital 800 E. Carpenter Street Springfield, Illinois
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**MEDICAL PROFESSIONAL**

Private Practice  
Pulmonary and Critical Care Medicine  
Kansas City Pulmonary Clinic  
Kansas City, MO 1989-2005

Vice President – Practice Management  
Kansas City Pulmonary Clinic  
Kansas City, MO 1992-2005

Chief, Pulmonary Section  
Research Medical Center  
Kansas City, MO 2000-2002

**PROFESSIONAL BACKGROUND**

Medical Licensure	Illinois
Certification	American Board of Internal Medicine 1981
	American Board of Internal Medicine, Subspecialty Pulmonary Disease 1988
	American Board of Internal Medicine Subspecialty Critical Care Medicine 1989

**HONORS AND AWARDS**

Clinical Investigator Award National Institutes of Health	1985-1990
National Institutes of Health Research Service Award	1983-1985
American Lung Association Research Award	1988-1989
Guest Reviewer IEEE Transactions on Biomedical Engineering	1987
Guest Reviewer, Journal of Applied Physiology	1987-1991
Fellow, American College of Chest Physicians	1990

## **RESEARCH PROJECTS AND FUNDING**

Co-Investigator: "A Randomized, Double-Blind, Parallel-Group, 52-week Study to Compare the Effect of the Fluticasone Propionate/Salmeterol DISKUS Combination Product 250/50mcg BID with Salmeterol DISKUS 50mcg BID on the Annual Rate of Moderate/Severe Exacerbations in Subjects with Chronic Obstructive Pulmonary Disease (COPD)". (Protocol SCO100250) Principal Investigator: Joseph Henkle, MD. Funding: GlaxoSmithKline, 2005; \$11,323 per patient

Principal Investigator: "Pulmonary Arterial Hypertension Quality Enhancement Research Initiative (PAH QuERI)" Funding: MD Primer, Inc., Actelion, 2006; \$1,200 per patient

Co-Investigator: "A randomized, double-blind, placebo-controlled, 6-week, cross-over study to examine the effects of tiotropium (Spiriva<sup>®</sup> HandiHaler<sup>®</sup>, 18 µg once daily) on lung dynamic hyperinflation and physical exercise endurance in patients with early stage Chronic Obstructive Pulmonary Disease (COPD) 10 December 2009" (Protocol 205.440); Principal Investigator: Joseph Q. Henkle, MD; Funding: Boehringer Ingelheim Pharmaceuticals, Inc., 2010; \$14,890.02 per patient

## **PUBLICATION & RESEARCH**

1. **Kapitan, KS.** 2008 Teaching pulmonary physiology using computer modeling. *Adv. Physiol. Educ.* 32:61-64.
2. **Kapitan, KS,** et al. 1991 Gas exchange in chronic thromboembolism after thromboendarterectomy. *Yearbook of Medicine*, Ed. Roger Des Prez. Mosby
3. **Kapitan, KS.** 1991 MonteCarlo simulation of inert gas elimination data. *Proceedings of the 10<sup>th</sup> Annual IEEE Engineering in Medicine and Biology Conference*
4. **Kapitan, KS;** Clausen, JL and Moser, KM. 1990 Gas exchange in chronic thromboembolism after pulmonary thromboendarterectomy. *Chest*, 98:14-19
5. **Kapitan, KS.** 1990 The information content of the multiple breath nitrogen washout. *J Applied Physiol*, 68:1621-28
6. **Kapitan, KS,** et al. 1990 Mechanisms of hypoxemia in chronic thromboembolism. *Yearbook of Medicine*, Ed. Roger Des Prez. Mosby
7. **Kapitan, KS;** Buchbinder, M; Wagner, PD and Moser, KM. 1989 Mechanisms of hypoxemia in chronic thromboembolism. *Amer Rev Resp Dis*, 139-1150-1155

**PUBLICATION & RESEARCH** continued

8. Fedullo, PF; **Kapitan, KS**; Brewer, NS; Ashburn, WL; Hartman, MT and Moser, KM. 1989 Patterns of pulmonary perfusion scans in normal subjects: The prevalence of abnormal scans in 30 to 49 years of age. *Amer Rev Resp Dis*, 39:1155-1157
9. Shure, D and **Kapitan, KS**. 1989 Diagnostic and imaging techniques. *Annual Review of Pulmonary and Critical Care Medicine*. Edited by RA Matthay
10. **Kapitan, KS** and Wagner, PD. 1987 Linear programming analysis of Va/Q distributions: the average distribution. *J Appl Physiol*, 62:1356-1362
11. **Kapitan, KS** and Wagner, PD. 1987 The information content of multiple inert as elimination measurements. *J Appl Physiol*, 63:861-868
12. **Kapitan, KS** and Wagner, PD. 1987 On the interpretation of average ventilation-perfusion distributions. *J Appl Physiol*, 63:1356
13. **Kapitan, KS** and Hempleman, SC. 1986 Computer simulation of mammalian gas exchange. *Comp Med Biol*, 16:91-101
14. **Kapitan, KS** and Wagner, PD. 1986 Linear programming analysis of Va/Q distributions: limits on central moments. *J Appl Physiol*, 60:1772-1781
15. Hammond, MD; Gail, G; **Kapitan, KS**; Ries, A and Wagner, PD. 1986 Ventilation perfusion inequality and diffusion limitation in man during exercise at sea level. *J Appl Physiol*, 61:1749-1757
16. Hammond, MD; Gale, G; **Kapitan, KS**; Ries, A and Wagner, PD. 1986 Gas exchange during normobaric hypoxic exercise in man. *J Appl Physiol*, 61:1749-1757