

# CURRICULUM VITAE

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

## **CURRENT WORK INFORMATION**

Work Address

Postal Address Southern Illinois University School of Medicine  
P.O. Box 19636  
Springfield, IL 62794-9636

Physical Address 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, Illinois 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

Kent S. Kapitan, MD

**ACADEMIC PROFESSIONAL**

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

Kent S. Kapitan, MD

**MEDICAL PROFESSIONAL** continued

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

## **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
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

**PUBLICATION & RESEARCH** continued

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