A. Personal Information

Name in Full	
Business Address	

Business Phone

B. Education

College or University: Columbia College, Pre-Med, B.A., June 1965

Medical School: Stanford University School of Medicine, M.D., June 1970

Internship: Columbia-Presbyterian Hospital, Pathology, 1970-1971

Residencies: Columbia-Presbyterian Hospital, Surgical Pathology, 1971-1974

Fellowships: Renal Pathology, Columbia-Presbyterian Hospital, 1974-1975. Pulmonary & Mediastinal Pathology Division, Armed Forces Institute of Pathology, 1977-1978

Honors and Awards: Phi Beta Kappa, Columbia College Magnum Cum Laude, Columbia College, June 1965 Voted "Best Doctors in America", 2003 Voted "Best Doctors in America", 2004

Medical Licenses: California #G040559

Board Certification: Anatomic Pathology, May 14, 1979

C. Professional Background

Academic Appointments:

Research Associate Renal Pathology, Columbia University College of Physicians
& Surgeons, January 1974-June 1975.

Assistant Professor of Pathology, Columbia University College of Physicians & Surgeons, March 1975-June 1977.

Ζ

Major, US Army, and Assistant Pathologist, Pulmonary and Mediastinal Pathology Department, Armed Forces Institute of Pathology, July 1975-June 1977.

Assistant Chief, Pulmonary and Mediastinal Pathology Department, Armed Forces Institute of Pathology, July 1978-August 1979.

Associate Professor of Pathology, LAC/USC Medical Center, September 1979-June 1990. Tenure granted, June 1983.

Professor of Pathology, LAC/USC Medical Center, June 1990 - present.

Chairman, Pulmonary and Mediastinal Pathology Department, Armed Forces Institute of Pathology, July 1990-January 1994

Co-Chairman, Pulmonary and Mediastinal Pathology Department, Armed Forces Institute of Pathology, January 1994-December 1999

Professor of Pathology, LAC/USC Medical Center, January 2000-present.

Specific Teaching Responsibilities:

Lecturer, renal pathology, Year 2 course, USC School of Medicine, 1980-Lecturer, pulmonary pathology, Year 2 Course, USC School of Medicine, 1980-Chairman, Pulmonary Organ System, Year 2 Course, USC School of Medicine, 1986-1988

Gross and microscopic review of autopsy pulmonary pathology with residents, 1979-

Lecturer, monthly clinicopathologic renal conferences, 1979-

Lecturer, monthly clinicopathologic rheumatology conferences, 1979-

Lecturer, monthly pulmonary medicine thoracic surgery conferences, 1979-Lecturer, Norris oncology grand rounds, 1983-

Tutorial instruction, renal and pulmonary pathology, diagnostic electron microscopy for residents, 1979-

Specific Administrative Responsibilities (School, University or Institutional Committees):

Member, Medical Education Committee, USC School of Medicine, 1986-1988 Member, Year 2 Medical School Committee, USC School of Medicine, 1986-

1988

Member, Long Range Planning Committee (Medical Education), USC School of Medicine, 1985-1987

Chairman, M.D.-Residency Track Subcommittee, Long Range Planning Committee, USC School of Medicine, 1986-1987 Director, Electron Microscopy, LAC-USC Medical Center, 1983-present Member, Advisory Committee, University Pathology Associates, Inc., 1988-1989 Member, Credentials Committee, Department of Pathology, L.A. County General Hospital, 1989-1990 Member, Credentials Committee, Armed Forces Institute of Pathology, 1990-

1994

Secretary, Registrar's Forum, Armed Forces Institute of Pathology, 1991-1993 Member, Advisory Council of Director, Center for Advanced Pathology, Armed Forces Institute of Pathology, 1994-December 1999.

Liason Director, USC - Henry Mayo Newhall Pathology Group, 2000-2001 Residency Program Co-Recruiter, USC Department of Pathology, 2001-2003 and 2005.

HIPAA Officer, Department of Pathology, 2003-2004

Director, USC Department of Pathology Grand Rounds, 2003-

Elected Internal Director, University Pathology Associates Board of Directors, January 2003-

Other Educational Activities:

Faculty, First Annual Seminar in Pulmonary Diagnosis at the Armed Forces Institute of Pathology, Washington, D.C., November 1980. Faculty, Third Annual Seminar in Pulmonary Diagnosis at the Armed Forces Institute of Pathology, Washington, D.C., September 1982. Faculty, Fourth Annual Seminar in Pulmonary Diagnosis at the Armed Forces Institute of Pathology, Washington, D.C., September 1984. Faculty, Fifth Annual Seminar in Pulmonary Diagnosis at the Armed Forces Institute of Pathology, Washington, D.C., October 1986. Prelector, Seventy-Second Annual California Tumor Tissue Registry Slide Seminar on Pulmonary and Mediastinal Tumors, November 1981. Panelist, Problem Cases in Surgical Pathology, California Society of Pathologists, Los Angeles, Ca., December, 1979. Panelist, Pulmonary Pathology Specialty Conference, International Academy of Pathology, U.S.-Canadian Division, Boston, Mass., March 1982. Panelist, Pulmonary Pathology Specialty Conference, International Academy of Pathology, U.S.-Canadian Division, March 1984. Panelist, Pulmonary Pathology Specialty Conference, International Academy of Pathology, U.S.-Canadian Division, Chicago, Ill., March 1987. Faculty, USC 29th Annual Intensive Review of Internal Medicine, 1981. Faculty, USC 32nd Annual Intensive Review of Internal Medicine, 1984. Faculty, USC 33rd Annual Intensive Review of Internal Medicine, 1985. Faculty, USC 34th Annual Intensive Review of Internal Medicine, 1986. Faculty, USC 1st Biannual Pulmonary Disease Review Course, 1982. Faculty, USC 2nd Biannual Pulmonary Disease Review Course, 1984. Faculty, USC 3rd Biannual Pulmonary Disease Review Course, 1986.

Guest lecturer, Renal Section, Year 2 Course, University of Nevada, Reno, Nevada, 1982.

Guest lecturer, Renal Section, Year 2 Course, University of Nevada, Reno, Nevada, 1983.

Lecturer, Glendale Adventist Medical Center Pulmonary Medicine Lectures,

1986.

Lecturer, "The Pathology of AIDS", Arizona Society of Pathology Annual Meeting, May 1987.

Lecturer, "Pathology Update" Course, American Society of Clinical Pathology, October 1987.

Co-Director of Course, "Pulmonary Pathology - A Review with Clinical and Radiologic Correlations", Cedars-Sinai Medical Center, December 1987.

Guest lecturer, Joint Armed Forces Institute of Pathology - National Institutes of Health Conference on "Clinico-pathologic Correlates of HIV Infection", Washington, D.C., February 1988.

Faculty, American College of Chest Physicians Lung Pathology Course, May 1988.

Chairman, Seminar on "Pneumocystis Pneumonia", International Academy of Pathology, Dublin, Ireland, September 1988.

Co-Chair, Renal Biopsy Seminar, National Kidney Foundation Annual Meeting, San Antonio, Texas, December 1988.

Panel member, Symposium on New Concepts and Unusual Manifestation of AIDS, Annual Meeting of the California Society of Pathology, San Francisco, CA., December 1989.

Panel member, Symposium on Surgical Pathology, Annual Meeting of the California Society of Pathology, San Francisco, CA., December 1989.

Co-chairperson, Proffered Papers in Pulmonary Pathology, U.S. and Canadian Academy of Pathology, Boston, Mass., March 1990.

Lecturer, Armed Forces Institute of Pathology Annual Seminars, Rockville, Md., May 1990.

Course Director, "Tumors and Tumor-like Conditions of the Lung", Short Course of the U.S.and Canadian Academy of Pathology, Chicago, Ill., March 1991.

Faculty, 18th Annual Course in Comparative Pathology, Armed Forces Institute of Pathology, "Comparative Pulmonary Pathology", Bethesda, Md., April 1991.

Faculty, American Society of Clinical Pathology Educational Course "Pathology Update 1991", "Pulmonary Pathology", Long Beach, CA., June 1991.

Guest Faculty, "Eighth Annual Update in Surgical Pathology, 1991 - Current Concepts in Surgical Pathology", Washington Hospital Center, Washington, D.C., October 5, 1991.

Faculty, Controversies and Recent Advances in Surgical Pathology, Orlando, FL, 10-14 Feb 1992.

Panelist, Pulmonary Pathology Specialty Conference, U.S.-Canadian Academy of Pathology, Atlanta, GA., March 1992.

Course Director, "Tumors and Tumor-like Conditions of the Lung", Short Course of the U.S. and Canadian Academy of Pathology, Atlanta, GA., March 1992.

Guest Lecturer, "Adenocarcinoma Simulating Mesothelioma", Department of Pathology, Georgetown University School of Medicine, Washington, D.C., May 22, 1992.

Course Co-Director and Lecturer, "Seminar in Pulmonary Diagnosis", Armed Forces Institute of Pathology, Bethesda, Md., 1-4 September 1992.

Lecturer, Sarcoidosis Luncheon Panel, 58th Annual International Scientific Assembly, American College of Chest Physicians, Chicago, Ill, October, 29, 1992.

Faculty, "Update on Lymphoproliferative Diseases of the Lung" in "Current Topics in Lung Pathology", Long Course of the U.S. and Canadian Academy of Pathology, New Orleans, La. March 17, 1993.

Course Director, "Tumors and Tumor-like Conditions of the Lung", Short Course of the U.S. and Canadian Academy of Pathology, New Orleans, La., March 19, 1993.

Co-Chair, Proffered Papers in Pulmonary Pathology, U.S. and Canadian Academy of Pathology, New Orleans, La., March 16, 1993.

Visiting Professor, Department of Pathology, Emory University School of Medicine, Atlanta, GA., April 26-27, 1993.

Lecturer, "The Problem of Adenocarcinoma Simulating Mesothelioma", Atlanta Society of Pathology, Atlanta, GA., April 26, 1993.

Lecturer, Slide Seminar in Pulmonary Pathology, Chicago Pathology Society, May 10, 1993.

Visiting Professor, Department of Pathology, Loyola University School of Medicine, Chicago, Ill, May 10, 1993.

Co-Preceptor, Xth Annual Slide Seminar, "Pulmonary Pathology", University of Sassari, Sassari, Sardinia, Italy, Sept.25 and 26, 1993.

Faculty, "The Problem of Pulmonary Lymphoid Lesions" in "Respiratory System and Mediastinum", Armed Forces Institute of Pathology, Tucson, AZ., November 5-8, 1993.

Lecturer, "Lymphomatoid granulomatosis", Grand Rounds, Cedars-Sinai Medical Center, Los Angeles, CA., November 12, 1993.

Faculty, Respiratory Tract and Mediastinum, AFIP Course, San Antonio, TX, February 15-17, 1995.

Course Director, "Tumors and Tumor-like Conditions of the Lung", Short Course of the U.S.and Canadian Academy of Pathology, San Francisco, CA., March 1994.

Co-director, Workshop #1259, Unusual Tumors and Tumor-like Lesions of the Lung, American Society of Clinical Pathology Spring National Meeting, Seattle, WA, April, 1994.

Lecturer, Short Course "Unusual Tumors and Tumor-like Lesions of the Lung", International Academy of Pathology, Hong Kong, October 13, 1994.

Lecturer, "Renal pathology", Osler Institute Pathology Review Course, November 6-12, 1994, San Diego, CA.

Course Director, "Tumors and Tumor-like Conditions of the Lung", Short Course of the U.S. and Canadian Academy of Pathology, Toronto, Canada, March 17, 1995.

Lecturer, "Renal pathology", Osler Institute Pathology Review Course, April 4, 1995, Annapolis, MD.

Guest lecturer, Pathology Department, National Naval Medical Center, April 11, 1995, Washington DC.

Co-director, Workshop #1259, "Unusual Tumors and Tumor-like Lesions of the Lung", American Society of Clinical Pathology Spring National Meeting, Orlando, FL, April 23, 1995.

Visiting Pathology Consultant, William Beaumont Army Medical Center, El Paso, TX, 17-19 May 1995.

Faculty, Difficult Diagnoses in Surgical Pathology, AFIP Course, Charleston, SC, October 23-26, 1995.

Faculty, Respiratory Tract and Mediastinum, AFIP Course, Orlando, FL, Dec 1-3, 1995.

Lecturer, Symposium on "Current Concepts in Lupus Nephritis - The prognostic implications of kidney biopsy findings, transformations and silent lupus nephritis", American Society of Rheumatologists, Western Division Meeting, Santa Barbara, CA, March 9, 1996.

Co-director, Workshop #1259, "Unusual Tumors and Tumor-like Lesions of the Lung", American Society of Clinical Pathology Spring National Meeting, Boston, MA, April 21, 1996.

Guest Lecturer, "Pathology for Surgeons", 58th Annual Surgical Update, International College of Surgeons, United States Section, Washington, D.C. May 2, 1996.

Faculty, "Pulmonary Lymphoproliferative Disorders", Nodal and Extranodal lymphoid Lesions, AFIP Course, Bethesda, MD, May 2, 1996.

Faculty, "Unusual Tumors and Tumor-like Lesions of the Lung", American Society of Clinical Pathology Weekend Seminars in Pathology, Seattle, WA, July 21, 1996.

Co-Director and Faculty, "Selected Tumor-like Conditions" and "Spectrum of Biphasic Malignant Tumors Arising in Lung", Thoracic Pathology: With Clinical and Radiologic Correlations", AFIP Course, Aspen, CO, August 15-18, 1996. Guest Speaker, "Lymphoproliferative lesions of the lung, including HIV-related entities" in Current Concepts in Soft Tissue and Pulmonary Pathology - The Thirteenth Annual Update in Surgical Pathology 1996", Washington Hospital Center, Washington, DC, September 21, 1996.

Co-director, Workshop #1259, "Unusual Tumors and Tumor-like Lesions of the Lung", American Society of Clinical Pathology Fall National Meeting, San Diego, CA, September 29, 1996.

Faculty, "Pulmonary Lymphoid Lesions", in Long Course in Thoracic Pathology, XXI International Congress of the International Academy of Pathology and 12th World Congress of Academic and Environmental Pathology, Budapest, Hungary, October 24, 1996.

Faculty, "Pulmonary Pathology I and II and Discussion, Case 2", Difficult Diagnoses in Surgical Pathology, Charleston, South Carolina, November 13, 1996.

Lecturer, "Pathology of Interstitial Lung Disease", Georgetown University School of Medicine Year 2 Medical School Course, November 19, 1996.

Guest Faculty and Lecturer, "Update on Lymphomatoid Granulomatosis", Department of Pathology Columbia College of P & S, New York, N. Y., 10032, May 28, 1997.

Co-director, Workshop #1259, "Unusual Tumors and Tumor-like Lesions of the Lung", American Society of Clinical Pathology Spring National Meeting, Philadelphia, PA, September 1997.

Speaker, Assembly Symposium on "Pulmonary Lymphomas Associated with Viral Infections" in Annual Congress of the European Respiratory Society, Berlin, Germany, 20-24 September 1997.

Faculty, "Pulmonary Vasculitis Syndromes", "Biphasic Pulmonary Tumors" and "Selected Case Discussions" in Pulmonary Pathology Update in Surgical Pathology, A Course and Workshop, Wurzburg, Germany, October 1997, October

19-23, 1997.

Lecturer, "Pathology of Interstitial Lung Disease", Georgetown University School of Medicine Year 2 Medical School Course, November 18, 1997.

Faculty, "Pulmonary Vasculitis" and "Mesothelioma and Pseudomesothelioma" in Diagnostic Surgical Pathology - A Course with Case Discussion, Orlando, FL, 8-13 December, 1997.

Co-Director, "Pathology of Pulmonary Lymphoid Lesions" and "Tumor-like Lesions of Lung" in Thoracic Pathology: With Clinical and Radiologic Correlations, Scottsdale AZ, January 8-11, 1998.

Faculty, "Lung biopsy interpretation in pulmonary vasculitis", in Pulmonary Pathology for the Pulmonologist - Postgraduate course 16, American Lung Association/ American Thoracic Society International Conference, Chicago, IL, 25 April 1998.

Lecturer, "Pulmonary vasculitis", Medical Grand Rounds, Ventura County Medical Center, Ventura CA, 7 May 1998.

Lecturer, "Pulmonary Vasculitis", Pathology Grand Rounds, L.A. County - USC Medical Center, Los Angeles, CA 26 May 1998.

Lecturer, "Pulmonary Pathology I," "Pulmonary Pathology II" and "Discussion of Diagnostic Surgical Pathology, AFIP Course Update in Surgical Pathology, Cambridge, England, 30 July 1998.

Lecturer, "Pulmonary Vasculitis" and "The Who Classification of Lung Tumors," in The Jack Gordon Annual Pathology Symposium, Southern California Kaiser Permanente Group, Woodland Hills, CA, 10 October 1999.

Lecturer, "Interstitial lung disease", General Pathology Course, Georgetown University School of Medicine, Washington, DC, 9 November 1998.

AFIP Course Co-Director: Thoracic Pathology: With Clinical and Radiologic Correlations, Disney's Contemporary Resort; Lake Buena Vista, FL. 10-13 Dec 1998.

Lecturer, "Pulmonary Pathology", The Navy Hospital, Bethesda, Md., 14 January 1999.

Lecturer, "Pulmonary Pathology", Walter Reed Army Medical Center, Washington DC, 19 January 1999. Lecturer, The Los Angeles County Pathology Society, Update on the WHO Classification of Lung Tumors, 9 February 1999.

The 1999 WHO Classification of Lung Tumors, Department of Pathology Grand Rounds, Cedars-Sinai Medical Center, 25 February 1999.

Faculty, "Lung biopsy interpretation in pulmonary vasculitis", in Pulmonary Pathology for the Pulmonologist - Postgraduate course, American Lung Association/ American Thoracic Society International Conference, San Diego, CA, 23 April 1999.

Lecturer, "Pulmonary Pathology", Walter Reed Army Medical Center, Washington DC, 16 November 1999.

Course Co-Director, AFIP Course, Practical Thoracic Pathology: A Microscopic Study Course, Bethesda, Md, November 13-14 1999.

Lecturer, "Interstitial lung disease", General Pathology Course, Georgetown University School of Medicine, Washington, DC, 19 November 1999.

Faculty, "Lung biopsy interpretation in pulmonary vasculitis", in Pulmonary Pathology for the Pulmonologist - Postgraduate course, American Lung Association/ American Thoracic Society International Conference, Toronto, CANADA, 5-7 May 2000.

Lecturer, "Pulmonary Pathology I," "Pulmonary Pathology II", AFIP-University of Caen Course "Update in Surgical Pathology," Deauville, France, 4-7 July 2000.

Lecturer, "Pneumocystis Pneumonia" in AFIP Course Update in AIDS Pathology, Arlington, VA 16-18 August 2000.

Lecturer, "Pulmonary vasculitis: An update", Medical Grand Rounds, William Beaumont Hospital, Royal Oak, MI., 20 September 2000

CME Presentation, "Pulmonary Fibrosis", Henry Mayo Newhall Memorial Hospital, Valencia, CA, 8 Feb 2001.

Moderator, Pulmonary Pathology Society, US-Canadian Division, International Academy of Pathology, Atlanta, GA March, 2001.

Faculty, "Lung biopsy interpretation in pulmonary vasculitis", in Pulmonary Pathology for the Pulmonologist - Postgraduate course, American Lung Association/ American Thoracic Society International Conference, San Francisco, CA 19 May 2001

Lecturer, American Registry of Pathology 25th Anniversary Celebration, Washington, DC, 31 May 2001.

Lecturer, "Update on Idiopathic Interstitial Lung Disease", "The 1999 WHO Classification of Lung Tumors", AFIP-Instituto di Tumori Course "Update in Surgical Pathology, Milan, Italy, 27 June-30 June 2001.

Lecturer, Grand Rounds, Harbor-UCLA Medical Center, "Pulmonary Vasculitis", Los Angeles, CA, 25 January 2002.

Lecturer, Kaiser Permanente Southern California Videoconference, "Update on Idiopathic Interstitial Lung Diseases," Kaiser Sunset Medical Center, Hollywood, CA, 2 April 2002.

Lecturer, UCLA Department of Pathology Grand Rounds, "Interstitial Lung Diseases: Update" UCLA School of Medicine, Westwood, CA, 24 April 2002.

Faculty, "Lung biopsy interpretation in pulmonary vasculitis", in Pulmonary Pathology for the Pulmonologist - Postgraduate course, American Lung Association/ American Thoracic Society International Conference, Atlanta, GA May 2002 Lecturer, US Division of International College of Surgeons, "The WHO Classification of Lung Tumors", Dana Point, CA 21 June 2002. Lecturer, Grand Rounds, USC Department of Pathology, "The pathology of interstitial lung disease, Los Angeles CA 2 July 2002. Invited lecturer, Annual Scientific Session, Arthur Purdy Stout Society of Surgical Pathologists, "Pulmonary Lymphoid Lesions", at the 92nd Annual Meeting of International Academy of Pathology, U.S.-Canadian Division, Washington, D.C. 23 March 31, 2003. Invited lecturer, Pulmonary Specialty Conference, the 92nd Annual Meeting of International Academy of Pathology, U.S.-Canadian Division, Washington, D.C. 23 March 31, 2003. Invited Lecturer, 7th Annual All-Day Program "Current Trends in Practical Pathology", Los Angeles Pathology Society, 24 January 2004. Lecturer, USC Pathology Research Retreat, "Usual Interstitial Pneumonia: Pathology and Pathogenesis, 22 January 2005 Invited Lecturer, Southern California Kaiser Permanente Group, "Adenocarcinomas of lung: Update", 5 April 2005.

D. Society Memberships:

National:

U.S. and Canadian Academy of Pathology, 1980-Ambassador, U.S. and Canadian Academy of Pathology 2000-New York Academy of Science, 1980-1988 American Association for Advancement of Science, 1980-1988 American Society of Clinical Pathology, 1989 Ultrastructural Pathology Division of the International Academy of Pathology, 1987-

Pulmonary Pathology Club, 1996-

Local:

Los Angeles Electron Microscopy Society, 1984-1988 Los Angeles Pathology Society, 1987-Board of Directors, Los Angeles County Society of Pathologist, Inc, 2003-

E. Consultantships:

Consultant, Pulmonary and Mediastinal Pathology, California Tumor Tissue Registry, 1979-Consultant, Pulmonary Pathology and EM Tumor Diagnosis, USC Norris Cancer Center, 1983-Member, New Investigator Study Section, California Tobacco-Related Disease Program, 1990. Los Angeles Coroner's Office, 2001-

National:

Reviewer, American Journal of Nephrology, 1982-1985
Reviewer, Chest, 1982Reviewer, Archives Internal Medicine, 1985Editorial Board, Modern Pathology, 1988Review Panel, Human Pathology, 1990Panel member, National Cancer Institute Special Review Committee for
Specialized Programs of Research Excellence (SPORE) in Lung Cancer.
Rockville, Md. Nov 12-14, 1995.
Consultant Editor, Annals of Diagnostic Pathology, Nov 1996External Reviewer, Third Edition, Histological Typing of Lung and Pleural
Tumors, WHO, 1998-9.
Panel member, National Cancer Institute Special Review Committee for
Specialized Programs of Research Excellence (SPORE) in Lung Cancer. 27 April, 1999.
Member, Editorial Board, Current Opinion in Pulmonary Medicine, January

2000-

F. Research Activities

Major Areas of Research Interest:

1.) Pulmonary pathology - Clinico-pathologic studies of pulmonary tumors and tumor-like lesions with currrent interest in application of molecular biology techniques to evaluation of pathogenesis and prognosis.

Record of Research Funding

1989-1994 Co-investigator

Biochemistry of renin secretion in man. Principal Investigator : Willa Hsueh, M.D., National Institutes of Health \$100,000 1990-95 Co-investigator Blood Regulation of Insulin - SCOR Grant Principal Investigator : Willa Hsueh, M.D. National Institutes of Health \$800,000

BIBLIOGRAPHY

Peer Review

- Koss MN, Chernack WJ, Griswold WR, McIntosh RM. The choroid plexus in acute serum sickness: Morphologic, ultrastructural and immunofluorescent studies. Arch Pathol 1973; 96:331-334.
- Pascal RP, Koss MN, Kassell RL. Glomerulonephritis associated with immune complex deposits and viral particles in spontaneous murine leukemia. Lab Invest 1973; 29:159-165.
- Vaughn E, Gavras H, Laragh JH, Koss MN. Vascular permeability factor: Dissociation from angiotensin. Il. Induced pressor and drinking responses. Nature 1973; 242:334-335.
- Griswold WR, Koss MN, Chernack WJ, Weil R, Sutphen J, McInctosh RM. Glomerular localization of antigen and antibody in rabbits following intravenous administration of serum cryoglobulins from homologous animals with experimental serum sickness. Proc Soc Exp Biol Med 1974; 145:117-123.
- McInctosh RM, Koss MN, Chernack WJ, Weil R, Griswold WR, Copack P. The choroid plexus: Immunologic injury and disease. Ann Int Med 1974; 81:111-113.
- McInctosh RM, Koss MN, Chernack WJ, Griswold WR, Copack PB, Weil R. Experimental pulmonary diesease and autoimmune nephritis in the rabbit produced by homologous and heterologous choroid plexus (experimental Goodpasture's syndrome). Proc Soc Exp Biol Med 1974; 147:216-223.
- 7. Strauss J, Pardo V, Griswold W, Koss M, McIntosh RM. Cryoprecipitable pathogenic immune complexes in nephropathy associated with sickle cell anemia.

Ped Res 1974; 8:461-487.

- Strauss J, Pardo V, Koss M, Griswold W, McIntosh RM. Nephropathy associated with sickle cell anemia: An autologous immune complex nephritis.
 Studies on the nature of the glomerular bound antibody and antigen identification in a patient with sickle cell disease and immune deposit glomerulonephritis. Am J Med 1975; 58:383-387.
- 9. McInctosh RM, Copack P, Chernack WJ, Weil R, Koss MN. The human choroid plexus and autoimmune nephritis. Arch Pathol 1975; 99:48-50.
- McIntosh RM, Koss MN, Gocke DJ. The nature and incidence of cryoproteins in hepatitis B antigenemia (HbAg) positive patients. Quart J Med 1976; 45:23-38.
- McInctosh RM, Griswold WR, Chernack WJ, Williams G, Strauss J, Kaufman D, Koss MN, McInctosh JR, Cohan R, Weil R. Cryoglobulins. Ill. Further studies on the nature, incidence, clinical, diagnostic, prognostic, and immunopathologic significance of cryoproteins in renal disease. Quart J Med 1975; 44:285-307.
- 12. Weil R, Nozawa M, Koss MN, Weber C, Reemtsma K, McInctosh RM. Pancreatic transplantation in diabetic rats: Renal function, morphology, ultrastructure, and immunohistochemistry. Surgery 1975; 78:142-148.
- Weil R, Nozawa M, Weber C, Koss M, Chernack W, McInctosh RM, Reemtsma K.
 Cardiac heterotransplantation. Transplantation 1975; 19:150-155.
- Derosena R, Koss MN, Pirani CL. Demonstration of amyloid fibrils in urinary sediment. New Engl J Med 1975; 293:1131-1133.
- Weil R, Nozawa M, Koss M, Weber C, Reemtsma K, McInctosh RM. The kidney in streptozotocin diabetic rats: Morphologic, ultrastructural and function studies. Arch Pathol Lab Med 1976; 100:37-49.
- 16. Koss MN, Pirani C, Osserman E. Experimental Bence-Jones cast nephropathy.

Lab Invest 1976; 34: 579-591.

- Koss MN, Hochholzer L, Feigin DS, Garancis J, Ward PA.
 Necrotizing sarcoid granulomatosis: Clinical, pathologic, and immunopathologic findings.
 Hum Pathol 1980; 11(Suppl):510-519.
- Crissman JD, Koss M, Carson RP. Pulmonary veno-occlusive disease secondary to granulomatous venulitis. Am J Surg Pathol 1980; 4: 93-.
- 19. Koss MN, Johnson FB, Hochholzer L. Pulmonary "blue bodies". Human Pathol 1981; 12:258-266.
- Koss MN, Antonovych T, Hochholzer L. Allergic granulomatosis (Churg-Strauss syndrome) - Pulmonary and renal morphologic findings. Am J Surg Pathol 1981; 5:21-28.
- Koss MN, Robinson RG, Hochholzer L. Bronchocentric granulomatosis. Human Pathol 1981; 12:632-638.
- 22. Hui AN, Ehresmann GR, Quismorio FP Jr., Boylen CT, Mayberg H, Koss MN. Wegener's granulomatosis: Report of a case with electron microscopic and immunohistochemical studies. Chest 1981; 80:753-756.
- Nichols PW, Koss MN, Levene AM, Lukes RJ. Lymphomatoid granulomatosis - a T-cell disorder? Am J Med 1982; 72:467-471.
- 24. Robinson RG, Wehunt WD, Tsou E, Koss MN, Hochholzer L. Bronchocentric granulomatosis - roentgenographic manifestations. Am Rev Resp Dis 1982; 125:751-756.
- 25. Ross R, Dworsky R, Nichols P, Paganini-Hill A, Wright W, Koss M, Lukes R, Henderson B.
 Asbestos exposure and lymphomas of the gastro-intestinal tract and oral cavity. Lancet 1982; ii:118.
- Koss MN, Hochholzer L, Nichols PW, Wehunt WD, Lazarus AA. Primary non-Hodgkin's lymphomas and pseudolymphomas of lung: a clinicopathologic study of 161 patients. Human Pathol 1983; 14:1024-1038.
- 27. Quismorio FP JR., Sharma O, Boylen CT, Edmiston AW, Thornton PJ, Tatter D.

Immunopathological and clinical studies in pulmonary hypertension associated with systemic lupus erythematosus. Semin Arthr Rheumat 1984; 13:349-359.

- Hui AN, Koss MN, Meyer P. Necropsy findings in acquired immunodeficiency syndrome: a comparison of premortem diagnoses with postmortem findings. Human Pathol 1984; 15:670-676.
- Hartman B, Koss MN, Hui AN, Boylen CT. Pneumocystis carinii pneumonia in the acquired immunodeficiency syndrome diagnosis with bronchial brushings, biopsy, and bronchoalveolar lavage. Chest 1985; 87:603-607.
- Baumann WR, Jung RC, Koss M, Boylen CT, Navarro L, Sharma OP. Incidence and mortality of adult respiratory distress syndrome: A prospective analysis from a large metropolitan hospital. Critical Care Med 1986; 14:1-4.
- Hui AN, Koss MN, Hochholzer L, Wehunt WD. Amyloidosis presenting in the lower respiratory tract. Clinicopathologic, radiologic, immunohistochemical, and histochemical studies on 48 cases. Arch Pathol Lab Med 1986; 110:212-218.
- Gal AA, Koss MN, Hawkins J, Evans S, Einstein H. The pathology of pulmonary cryptococcal infections in the acquired immunodeficiency syndrome. Arch Pathol Lab Med 1986; 110:502-507.
- Koss MN, Hochholzer L, Langloss JM, Wehunt WD, Lazarus AA, Nichols PW. Lymphomatoid granulomatosis: a clinicopathologic and immunopathologic study of 42 patients. Pathology 1986; 18:283-288.
- 34. Gal AA, Klatt EC, Koss MN, Strigle S, Boylen T. The effectiveness of bronchoscopy in the diagnosis of Pneumocystis carinii and cytomegalovirus infections in the acquired immunodeficiency syndrome. Arch Pathol Lab Med 1987; 111:238-241.
- Koss MN, Hochholzer L, Langloss JM, Lazarus AA, Wehunt WD. Lymphoid interstitial pneumonitis: clinicopathologic and immunopathologic findings in 18 patients. Pathology 1987; 19:178-185.
- 36. Klatt EC, Koss MN, Young TS, Macaulay LK, Martin SE. Hepatic hyaline globules associated with passive congestion.

Arch Pathol Lab Med 1988; 112:510-513.

- Buck FS, Koss MN, Sherrod AE, Wu A, Takahashi M. Ethnic distribution of amyloidosis: An autopsy study. Mod Pathol 1988; 2:372-377.
- Buck FS, Koss MN. Heterotopic liver in an adrenal gland. Pediatr Pathol 1988; 8:535-540.
- Anderson PW, Macaulay L, Do YS, Sherrod A, D'Ablaing G, Koss M, Tran B, Montz R, Hsueh W.
 Extrarenal renin-secreting tumors: Insights into hypertension and ovarian renin production.
 Medicine 1989; 68:257-267.
- Strigle SM, Gal AA, Koss MN.
 Rapid diagnosis of Pneumocystis carinii infection in the acquired immune deficiency syndrome (AIDS) by cytocentrifugation and rapid hematoxylin and eosin staining.
 Diagnostic Cytopath 1990; 6:164-168.
- 41. Koss MN, Hochholzer L, O'Leary T. Pulmonary blastoma. Cancer 1991; 67:2368-2381.
- 42. Gal AA, Unger EA, Koss MN, Yen TSB.
 Detection of Epstein-Barr virus in lymphoepithelioma-like carcinoma of the lung. Mod Pathol 1991; 4:264-268.
- Buck FS, Koss MN.
 Hepatic amyloidosis: Morphological differences between systemic AL and AA types.
 Hum Pathol 1991; 22:904-907.
- Gal AA, Koss MN, Hochholzer L, Chefjec G.
 An immunohistochemical study of benign clear cell ("sugar") tumor of the lung. Arch Pathol Lab Med 1991; 115:1034-38.
- 45. Siegal RJ, Bueso-Ramos C, Cohen C, Koss M. Pulmonary blastoma with germ cell (yolk sac) differentiation: Report of two

Mod Pathol 1991; 4: 566-570.

cases.

46. Moran C, Travis W, Rosado-DeChristensen M, Koss M, Rosai J.

Thymomas presenting as pleural neoplasms. Report of eight cases. Am J Surg Pathol 1992; 16:138-144.

- Moran C, Hochholzer L, Fishback N, Travis W, Koss M. Mucinous (so-called colloid) carcinoma of lung. Mod Pathol 1992; 5:634-638.
- Malamou-Mitsi V, Tsai MM, Gal AA, Koss MN, O'Leary TJ.
 Lymphoid interstitial pneumonitis not associated with HIV infection: Role of Epstein-Barr virus.
 Mod Pathol 1992; 5:487-491.
- Moran CA, Suster S, Koss MN. Acinic cell carcinoma of the lung ("Fechner tumor"). A clinicopathologic and immunohistochemical and ultrastructural study of five cases.
 Am J Surg Pathol 1992; 16:1039-1050.
- Moran CA, Travis WD, Carter D, Koss MN.
 Metastatic mature teratoma in lung following testicular embryonal carcinoma and teratocarcinoma.
 Arch Pathol Lab Med 1993; 117:641-644.
- 51. Moran CA, Koss MN. Rhabdomyomatous thymoma. Am J Surg Pathol 1993; 17:633-636.
- 52. Gal AA, Koss MN, Hochholzer L, DeRose PB, Cohen C.
 Pigmented pulmonary carcinoid tumor: an immunohistochemical and ultrastructural study.
 Arch Pathol Lab Med 1993; 117: 832-836.
- Moran CA, Suster S, Fishback N, Koss MN. Mediastinal paragangliomas. A clinicopathologic and immunohistochemical study of 16 cases. Cancer 1993; 72:2358-2364.
- Gal AA, Koss MN, McCarthy W, Hochholzer L. Prognostic factors in pulmonary fibrohistiocytic lesions. Cancer 1994; 73:1817-1824.
- 55. Guinee D, Jaffee E, Kingma D, Fishback N, Wallberg K, Krishnan J, Frizzera G, Travis W, Koss M.
 Lymphomatoid granulomatosis: Evidence for a proliferation of Epstein-Barr virus infected B lymphocytes with a prominent T-cell reaction and vasculitis. Am J Surg Pathol 1994; 18:753-764.

- 56. Guinee D, Fishback NF, Koss M, Abbondanza SL, Travis WD. The spectrum of immunohistochemical staining of small-cell lung carcinoma in specimens from transbronchial and open-lung biopsies. Am J Clin Pathol 1994; 102:406-414.
- 57. Guinee D, Feuerstein I, Koss MN, Travis WD.
 Pulmonary lymphangioleiomyomatosis. Diagnosis based on results of transbronchial biopsy and immunohistochemical studies and correlation with high-resolution computed tomography findings. Arch Pathol Lab Med 1994; 118:846-849.
- Suster S, Moran CA, Koss MN. Rhabdomyosarcomas of the anterior mediastinum: Report of four cases unassociated with germ cell, teratomatous, or thymic carcinomatous components. Hum Pathol 1994; 25:349-356.
- 59. Moran CA, Suster S, Askin FB, Koss MN. Primary benign and malignant salivary gland-type mixed tumors of the lung. A clinicopathologic and immunohistochemical study of eight cases. Cancer 1994; 73:2481-90.
- 60. Moran CA, Suster S, Koss MN. Primary adenoid cystic carcinoma of the lung. A clinicopathologic study of 16 cases. Cancer 1994; 73:1390-97.
- Fishback N, Travis W, Moran C, Guinee D, McCarthy W, Koss M. Pleomorphic (spindle/giant cell) carcinoma of the lung: A clinicopathologic study of 78 cases. Cancer 1994; 73:2936-2945.
- 62. Moran CA, Suster S, Koss MN. Plasma cell-rich thymoma. Am J Clin Pathol 1994; 102:199-201.
- 63. Suster S, Moran CA, Koss MN.
 Epithelioid hemangioendothelioma of the anterior mediastinum.
 Clinicopathologic, immunohistochemical and ultrastructural study of 12 cases.
 Am J Surg Pathol 1994; 18:871-881.
- Moran CA, Suster S, Mullick FG, Pavlova Z, Koss MN.
 The spectrum of pathologic changes in the lung in children with AIDS. An autopsy study of 36 cases.
 Hum Pathol 1994; 25:877-882.
- 65. Moran CA, Zeren H, Koss MN. Sclerosing hemangioma of the lung. Granulomatous variant.

Arch Pathol Lab Med 1994; 118:1028-1030.

- 66. Moran CA, Suster S, Perino G, Kaneko M, Koss MN. Benign and malignant smooth muscle tumors of the mediastinum. Cancer 1994; 74:2251-2260.
- Moran CA, Suster S, Koss MN.
 Endobronchial lipomas: A clinicopathologic study of 4 cases.
 Modern Pathol 1994: 7:212-214.
- Zeren H, Moran CA, Suster S, Fishback NF, Koss MN.
 Primary pulmonary sarcomas with features of monophasic synovial sarcoma: a clinicopathological, immunohistochemical, and ultrastructural study of 25 cases. Hum Pathol 1995; 26:474-480.
- 69. Przygodzki RM, Moran CA, Suster S, Koss MN.
 Primary pulmonary rhabdomyosarcoma: a clinicopathologic and immunohistochemical study of three cases.
 Mod Pathol 1995; 8:658-661.
- Moran CA, Suster S, Fishback NF, Koss MN. Primary intrapulmonary thymoma. A clinicopathologic and immunohistochemical study of eight cases. Am J Surg Pathol 1995; 19:304-312.
- Moran CA, Suster S, Fishback N, Koss MN.
 Extramedullary hematopoiesis presenting as posterior mediastinal mass: a study of four cases.
 Mod Pathol 1995; 8:249-251.
- 72. Moran CA, Suster S, Fishback N, Fishback NF, Koss MN. Extramedullary plasmacytomas presenting as mediastinal masses: clinicopathologic study of two cases preceding the onset of multiple myeloma. Mod Pathol 1995; 8:249-51.
- 73. Klimstra DS, Moran CA, Perino G, Koss MN, Rosai J. Liposarcomas of the anterior mediastinum and thymus. A clinicopathologic study of 28 cases. Am J Surg Pathol 1995; 19:782-791.
- Guinee DG Jr., Thornberry DS, Azumi N, Przygodzki RM, Koss MN, Travis WD.
 Unique pulmonary presentation of an angiomyolipoma. Analysis of clinical, radiographic, and histopathologic features. Am J Surg Pathol 1995; 19:476-480.

- Deavers M, Guinee D, Koss MN, Travis WD. Granular cell tumors of the lung. Clinicopathologic study of 20 cases. Am J Surg Pathol 1995; 19:627-635.
- Moran CA, Suster S, Koss MN. Smooth muscle tumors presenting as pleural neoplasms. Histopathology 1995; 27:227-234.
- Guinee D, Singh R, Azumi N, Singh G, Przygodzki RM, Travis W, Koss M. Multifocal micronodular pneumocyte hyperplasia: a distinctive pulmonary manifestation of tuberous sclerosis. Mod Pathol 1995; 8:902-906.
- 78. Campese VM, Kogosov E, Koss M. Renal afferent denervation prevents the progression of renal disease in the renal ablation model of chronic renal failure in the rat. Am J Kid Dis 1995; 26:861-5.
- Tanaka H, Smogorzewski M, Koss M, Massry SG.
 Pathways involved in PTH-induced rise in cytosolic Ca2+ concentration of rat renal proximal tubule.
 Am J Physiol 1995; 268 (2 Pt 2):F330-7.
- Przygodzki RM, Koss MN, Moran CA, Langer JC, Swalsky PA, Fishback N, Bakker A, Finkelstein SD.
 Pleomorphic (giant and spindle cell) carcinoma is genetically distinct from adenocarcinoma and squamous cell carcinoma by K-ras-2 and p53 analysis. Am J Clin Pathol 1996; 106:487-92.
- Guinee DG Jr, Holden JA, Benfield JR, Woodward ML, Przygodzki RM, Fishback NF, Koss MN, Travis WD.
 Comparison of DNA topoisomerase II alpha expression in small cell and nonsmall cell carcinoma of the lung. In search of a mechanism of chemotherapeutic response.
 Cancer 1996; 78:729-35.
- 82. Guinee D Jr, Fleming M, Hayashi T, Woodward M, Zhang J, Walls J, Koss M, Ferrans V, Travis W.
 Association of p53 and WAF1 expression with apoptosis in diffuse alveolar damage.
 Am J Pathol 1996; 149:531-8.
- Przygodzki RM, Finkelstein SD, Langer JC, Swalsky PA, Fishback N, Bakker A, Guinee DG Jr, Koss M, Travis WD.
 Analysis of p53, K-ras-2 and C-raf-1 in pulmonary neuroendocrine tumors. Correlation with histological subtype and clinical outcome.

Am J Pathol 1996; 148:1531-41.

- Pinkard NB, Wilson RW, Lawless N, Dodd LG, McAdams HP, Koss MN, Travis WD.
 Calcifying fibrous pseudotumor of pleura. A report of three cases of a newly described entity involving the pleura. Am J Clin Pathol 1996; 105:189-94.
- Moran CA, Hochholzer L, Rush W, Koss MN. Primary intrapulmonary meningiomas: A clinicopathologic and immunohistochemical study of ten cases. Cancer 1996; 78:2328-2333.
- Bodner SM, Koss MN.
 Mutations in the p53 gene in pulmonary blastomas: immunohistochemical and molecular studies.
 Hum Pathol 1996; 27:1117-1123.
- 87. Hayashi T, Stettler-Stevenson WG, Fleming MV, Fishback N, Koss MN, Liotta LA, Ferrnas VJ, Travis WD.
 Immunohistochemical study of metalloproteinases and their tissue inhibitors in the lungs of patients with diffuse alveolar damage and idiopathic pulmonary fibrosis.
 Am J Pathol 1996; 149:1241-56.
- Przygodzki RM, Moran CA, Suster S, Khan MA, Swalsky PA, Bakker A, Koss M, Finkelstein SD.
 Primary mediastinal and testicular seminomas: a comparison of K-ras-2 gene sequence and p53 immunoperoxidase analysis of 26 cases.
 Hum Pathol 1996; 27:975-9.
- Moran CA, Suster S, Abbondanzo SL, Koss MN. Primary leiomyosarcomas of the lung: a clinicopathologic and immunohistochemical study of 18 cases. Mod Pathol 1997; 10: 121-128.
- 90. Moran CA, Suster S, Koss MN. Primary malignant "triton" tumour of the lung. Histopathology 1997; 30:140-144.
- 91. Sattler F, Nichols L, Hirano L, Hiti A, Hofman F, Hughlett C, Zeng L, Boylen CT, Koss M.
 Nonspecific interstitial pneumonitis mimicking Pneumocystis carinii pneumonia. Am J Respir Crit Care Med 1997; 156:912-917.
- 92. Hochholzer L, Moran CA, Koss MN.

Pulmonary lipomatosis: a variant of placental transmogrification. Mod Pathol 1997; 10:846-849.

- 93. Guinee D Jr, Brambilla E, Fleming M, Hyashi T, Rahn M, Koss M, Ferrans V, Travis W.
 The potential role of BAX and BCL-2 expression in diffuse alveolar damage. Am J Pathol 1997; 151:999-1007.
- 94. Moran CA, Suster S, Przygodzki RM, Koss MN.
 Primary germ cell tumors of the mediastinum: II. Mediastinal seminomas a clinicopathologic and immunohistochemical study of 120 cases.
 Cancer 1997; 80:691-8.
- 95. Moran CA, Suster S, Koss MN. Primary germ cell tumors of the mediastinum: Primary germ cel tumors of the mediastinum: III. Yolk sac tumor, embryonal carcinoma, choriocarcinoma, and combined nonteratomatous germ cell tumors of the mediastinum - a clinicopathologic and immunohistochemical study of 64 cases. Cancer 1997; 80:699-707.
- 96. Moran CA, Hochholzer L, Hasleton PS, Johnson FB, Koss MN. Pulmonary alveolar microlithiasis. A clinicopathologic and chemical analysis of seven cases. Arch Pathol Lab Med 1997; 121:607-11.
- Koss MN, Hochholzer L, Moran CA. Primary pulmonary glomus tumor: A clinicopathologic and immunohistochemical study of two cases. Mod Pathol 1998; 11:253-258.
- 98. Koss MN, Hochholzer L, Moran CA, Frizzera G.
 Pulmonary plasmacytomas: A clinicopathologic and immunohistochemical study of five cases.
 Ann Diagn Pathol 1998; 2:1-11.
- Travis WD, Gal AA, Colby TV, Klimstra DS, Falk R, Koss MN. Reproducibility of neuroendocrine lung tumor classification. Hum Pathol 1998; 29:272-9.
- 100. Koss MN, Fleming M, Przygodzki RM, Sherrod A, Travis W, Hochholzer L. Adenocarcinoma simulating mesothelioma: A clinicopathologic and immunohistochemical study of 29 cases. Ann Diagn Pathol 1998; 2:93-102.
- 101. Hochholzer L, Moran C, Koss MN.

Primary pulmonary ganglioneuroblastoma: A clinicopathologic and immunohistochemical study of two cases. Ann Diagn Pathol 1998; 2:154-158.

- 102. Flieder DB, Moran CA, Travis WD, Koss MN, Mark EJ. Pleuro-pulmonary endometriosis and pulmonary ectopic deciduosis: a clinicopathologic and immunohistochemical study of 10 cases with emphasis on diagnostic pitfalls. Hum Pathol 1998; 29:1495-503.
- 103. Flieder DB, Koss MN, Nicholson A, Sesterhenn IA, Petras RE, Travis WD. Solitary pulmonary papillomas in adults: a clinicopathologic and in situ hybridization study of 14 cases combined with 27 cases in the literature. Am J Surg Pathol 1998; 22:1328-42.
- 104. Guinee DG Jr., Perkins SL, Travis WD, Holden JA, Tripp SR, Koss MN. Proliferation and cellular phenotype in lymphomatoid granulomatosis: implications of a higher proliferation index in B cells. Am J Surg Pathol 1998; 22:1093-100.
- 105. Travis WD, Rush W, Flieder DB, Fleming MV, Gal AA, Koss MN. Survival analysis of 200 pulmonary neuroendocrine tumors with clarification of criteria for atypical carcinoid and its separation from typical carcinoid. Am J Surg Pathol 1998; 22:934-44.
- 106. Burke LM, Rush WI, Khoor A, Mackay B, Oliveira P, Whitsett JA, Singh G, Turnicky R, Fleming MV, Koss MN, Travis WD. Alveolar adenoma: a histochemical, immunohistochemical, and ultrastructural analysis of 17 cases. Hum Pathol. 1999 Feb;30(2):158-67.
- Koss MN, Frommelt RA, Hochholzer L. Carcinosarcomas of the lung: A clinicopathologic study of 66 cases. Am J Surg Pathol 1999; 23:1514-26.
- 108. Abbondanzo SL, Rush W, Bijwaard, KE, Koss, MN. Nodular lymphoid hyperplasia of the lung: A clinicopathologic study of 14 cases. Am J Surg Pathol 2000; 24:587-97.
- 109. Devouassoux-Shisheboran M, Hayashi T, Linnoila RI, Koss MN, Travis WD. A clinicopathologic study of 100 cases of pulmonary sclerosing hemangioma with immunohistochemical studies: TTF-1 is expressed in both round and surface cells, suggesting an origin from primitive respiratory epithelium. Am J Surg Pathol 2000:24:906-16.
- Boshnakova T, Michailova M, Koss M, Georgiev C, Todorov T, Sarbinova M. Primary pulmonary Hodgkin's disease - report of two cases. Respir Med 2000; 94: 830-1.

- 111. Rush WL, Andriko JA, Taubenberger JK, Nelson AM, Abbondanzo SL, Travis WD, Koss MN.
 Primary anaplastic large cell lymphoma of the lung: a clinicopathology study of five patients.
 Mod Pathol 2000 13:1285-92.
- 112. Beasley MB, Thunnissen FB, Brambilla E, Hasleton P, Steele R, Hammar SP, Colby TV, Sheppard M, Shimosato Y, Koss MN, Falk R, Travis WD. Pulmonary atypical carcinoid: predictors of survival in 106 cases. Hum Pathol 2000 31:1255-65.
- 113. Ogino S, Franks TJ, Deubner H, Koss MN. Thymohemangiolipoma, a rare histologic variant of thymolipoma: a case report
- and

Α

review of the literature. Ann Diagn Pathol 2000 4:236-9.

- Przygodzki RM, Koss MN, O'leary TJ.
 Pleomorphic (giant and /or spindle cell) carcinoma of lung shows a high percentage of variant CYP1A12.
 Mol Diagn 2001; 6:109-15.
- 115. Thunnissen, FB, Ambergen AW, Koss M, Travis WD, O'Leary TJ, Ellis IO. Mitotic counting in surgical pathology: sampling bias, heterogeneity and statistical uncertainty. Histopathology 2001; 39:1-8.
- Marchevsky AM, Gal AA, Shah S, Koss MN Morphometry confirms the presence of considerable nuclear size overlap between "small cells" and "large cells" in high-grade pulmonary neuroendocrine neoplasms. Am J Clin Pathol 2001; 116:466-72.
- 117. Ogino S, Franks TJ, Yong M, Koss MN. Extensive squamous metaplasia with cytologic atypia in diffuse alveolar damage mimicking squamous cell carcinoma:
 - report of two cases. Hum Pathol 2002; 33:1052-54.
- 118. Jacob CO, Zang S, Li L, Ciobanu V, Quismorio F, Mizutani A, Satoh M, Koss M.
 Pivotal role of Stat4 and Stat6 in the pathogenesis of the lupus-like disease in the New Zealand mixed 2328 mice.
 J Immunol 2003;171:1565-71.

- 119. Zheng SG, Wang JH, Koss MN, Quisomorio F Jr. Gray JD, Horwitz DA.
 CD4(+) and CD8(+) regulatory T cells generated ex vivo with IL-2 and TFG-beta suppress a stimulatoryu graft-versus-host disease with a lupus-like syndrome. J Immunol 2004; 172:1531-9.
- 120. Nakatani Y, Miyagi Y, Takemura T, Oka T, Yokoi T, Takagi M, Yokoyama S, Kashima K, Hara K, Yamada T, Nozawa A, Inayama Y, Sakamoto K, Ogawa N, Kitamura H, Resl M, Cho SH, Koss MN, Mark EJ.
 Aberrant nuclear/cytoplasmic localization and gene mutation of beta-catenin in classic pulmonary blastoma: beta-catenin immunostaining is useful for distinguishing between classic pulmonary blastoma and a blastomatoid variant of carcinosarcoma.
 Am J Surg Pathol. 2004 Jul;28(7):921-7.
- 121. Tsou JA, Shen LY, Siegmund KD, Long TI, Laird PW, Seneviratne CK, Koss MN, Pass HI, Hagen JA, Laird-Offringa IA. Distinct DNA methylation profiles in malignant mesothelioma, lung adenocarcinoma, and non-tumor lung. Lung Cancer. 2005 Feb;47(2):193-204.

122. Stohl, W. et al

BAFF overexpression accelerates glomerular disease in mice with an incomplete genetic predisposition to systemic lupus erythematosis. Arthritis and Rheumatism (accepted for publication, 2005).

Non-Peer Review Articles

1. Koss MN.

Pathologic aspects of lupus nephritis. In: Glassock RJ, Goldstein D. Glomerulonephritis in systemic lupus erythematosus. Am J Nephrol 1981; 1:63-67.

2. Koss MN.

Pathology Discussion. In: Glassock RJ, Goldstein D. Nephrotic syndrome in a 52-year-old woman with monoclonal gammopathy. Am J Nephrol 1981; 1:199-205.

3. Koss MN.

Pathology Discussion. In: Glassock RJ, Goldstein D. Recurrent acute renal failure in a patient with mixed connective tissue disease. Am J Nephrol 1982; 2: 282-290.

4. Quismorio FP Jr, Blau RH, Akmal M, Koss M. Palpable leg purpura and renal failure in a 23-year-old man. Western J Med 1984; 140:60-65.

- Koss MN. Pathology Discussion. In: Glassock RJ, Feinstein EI. Metabolic acidosis in a young woman. Am J Nephrol 1984; 4:58-65.
- Koss, MN, Nichols PW, Hocholzer L. Pulmonary lymphomas and lymphomatoid granulomatosis. Sem Respir Medicine 1988; 9:325-333.
- Gal AA, Koss MN, Hartman B, Strigle S. A review of pulmonary pathology in the acquired immune deficiency syndrome. Surg Pathol 1988; 1:325-346.
- Gal AA, Koss MN, Strigle S, and Angritt P. Pneumocystis carinii infection in the acquired immune deficiency syndrome. Semin Diag Pathol 1988; 6:287-299.
- 9. Koss MN Travis W, Moran C, Hochholzer L. Pseudomesotheliomatous carcinoma: a reappraisal. Semin Diag Pathol 1992; 9:117-123.
- Moran C, Suster S, Koss M.
 The spectrum of histopathologic growth patterns in benign and malignant fibrous tumors of the pleura.
 Semin Diag Pathol 1992; 9:169-180.
- Moran CA, Koss MN.Benign localized fibrous tumor of the pleura.Am Soc Clin Pathol Check Sample 1992; #AP 92-7 (AP-221) 20:1-4.
- Koss MN. Pulmonary lymphoid disorders. Semin Diagn Pathol 1995; 12:158-171.
- Fishback N, Koss MN. Pulmonary involvement in systemic lupus erythematosus. Cur Opin Pulmon Med 1995; 1:368-75.
- 14. Koss MN. Pulmonary blastomas. Cancer Treat Res 1995; 72:349-62.
- Fishback N, Koss MN. Update on lymphoid interstitial pneumonitis. Cur Opin Pulmon Med 1996; 2:429-33.

- El-Shahawy MA, Mesa C, Koss M, Campese VM.
 A 19-year-old female with fever, acroparesthesia, and progressive deterioration of renal function.
 Am J Nephrol 1996; 16:417-24.
- Koss MN, Zeren EH.
 Low-grade B-cell lymphomas of lung and lymphomatoid granulomatosis.
 Pathology: State of the Art Reviews. 1996; 4:125-139.
- Panchal A, Koss MN. Role of electron microscopy in interstitial lung disease. Curr Opin Pulm Med 1997; 3:341-7.
- Schlesinger C, Meyer CA, Veeraraghavan S, Koss MN. Constrictive (obliterative) bronchiolitis: diagnosis, etiology, and a critical review of he literature. Ann Diagn Pathol 1998 Oct; 2(5):321-34.
- 20. Schlesinger C, Veeraraghavan S, Koss MN. Constrictive (obliterative) bronchiolitis. Curr Opin Pulm Med 1998 4:288-93.
- Veeraraghavan S, Koss MN, Sharma OP. Pulmonary veno-occlusive disease. Curr Opin Pulm Med 1999; 5:310-3.
- Franks TJ, Koss MN.Pulmonary capillaritis.Curr Opin Pulm Med 2000; 6:430-435.
- 23. Ma Y, Seneviratne CK, Koss, M. Idiopathic pulmonary fibrosis and malignancy. Curr Opin Pulm Med 2001: 7; 278-282.
- 24. Gal AA, Koss MN. The pathology of sarcoidosis. Curr Opin Pulm Med 2002; 8:445-51.
- 25. Schlesinger C, Koss MN. Bronchiolitis: update 2001 Curr Opin Pulm Med 2002: 8: 112-6.
- Koss MN.
 Malignant and benign lymphoid lesions of the lung. Ann Diagn Pathol. 2004 Jun;8(3):167-87.

Flieder, D., Koss MN.
 Nonspecific interstitial pneumonia: a provisional category of idiopathic interstitial pneumonia.
 Curr Opin Pulm Med. 2004 Sep;10(5):441-6

Chapters in Books

- Koss MN. Pulmonary angiitis and granulomatosis. In: Key Facts in Pulmonary Disease, Eds. O.P. Sharma and O.J. Balchum. Churchill Chapters in Books (cont'd) Livingston, New York, 1983, pp. 499-514.
- Koss MN Lymphoproliferative disorders of the lung.
 In: Surgical Pathology of Lung. Ed., A.M. Marchevsky. Marcel Dekker, New York, 1990, pp.433-486.
- Gal AA, Koss MN, and Marchevsky AM. Unusual tumors of the lung. In: Surgical Pathology of Lung. Ed., A.M. Marchevsky. Marcel Dekker, New York, 1990, pp.325-388.
- Koss MN. Tumorlike lesions of the lung. In: Surgical Pathology of Lung. Ed., A.M. Marchevsky. Marcel Dekker, New York, 1990, pp.389-432.
- Marchevsky AM and Koss MN. Tumors of bronchial gland origin. In: Surgical Pathology of Lung. Ed., A.M. Marchevsky. Marcel Dekker, New York, 1990, pp. 289-323.
- Travis W and Koss MN. Pulmonary vasculitis. In: Pulmonary Pathology. Ed., D.H. Dail, S.P. Hammar. Springer-Verlag, New York, 1994, pp.1027-1095.
- Koss MN, Moran C, and Stocker JT. Chapter 54: Mixed epithelial-mesenchymal tumors.
 In: Pathology of Pulmonary Disease. Ed. M. Saldana. J.B. Lppincott Company, Philadelphia, 1994, pp. 617-630.
- 8. Koss MN, and Travis WD.

Chapter 63: Allergic bronchopulmonary aspergillosis, mucoid impaction, and bronchocentric granulomatosis.In: Pathology of Pulmonary Disease. Ed. M. Saldana. J.B. Lppincott Company, Philadelphia, 1994, pp.733-745.

- 9. Travis WD, and Koss MN.
 Chapter 69: Pulmonary angiitis and granulomatosis: necrotizing sarcoid granulomatosis and Churg-Strauss syndrome.
 In: Pathology of Pulmonary Disease. Ed. M. Saldana. J.B. Lippincott Company, Philadelphia, 1994. pp. 803-811.
- Koss MN. Pulmonary lymphoproliferative disorders. In: The Lung - Current Concepts. Ed. A. Churg, A-L.A. Katzenstein. Williams & Wilkins, Baltimore, 1993, pp.145-194.
- Koss MN. Pulmonary blastomas.
 In: Lung Cancer: Advances in Basic and Clinical Research. Ed. H. Heine Kluwer Academic Publishers, Amsterdam, 1994, pp. 349-362.
- 12. Koss MN.

Unusual tumor-like conditions in lung.In: Advances in Pathology and Laboratory Medicine, Volume 7. Eds.R.S.Weinstein, A.R. Graham.Mosby Year Book, Chicago, Ill, 1994, pp. 123-150.

13. Fishback NF, Koss MN.

Pulmonary manifestations of systemic lupus erythematosus. In: Pathology of Systemic Lupus Erythematosus. Ed. T.T. Antonovych American Registry of Pathology, Washington, DC, 1995. pp.101-111.

14. Koss MN, Travis WD, Moran C.

Pulmonary sarcomas, blastomas, carcinosarcomas, and teratomas. In: Spencer's Pathology of the Lung, 5th edition, Ed. P.S. Hasleton, McGraw-Hill, New York, 1996 .pp.1065-1109.

- Travis WD, Koss MN, Ferrans V. The lung in connective tissue disorders. In: Spencer's Pathology of the Lung, 5th edition, Ed. P.S. Hasleton, McGraw-Hill, New York, 1996. pp.803-834.
- Koss MN, Przygodzki RM. Pseudomalignant lesions of lung and mediastinum. In: Practical Atlas of Pseudomalignancy, Ed. Al-Sam SZ, Lakhani SR, Davies JD. Edward Arnold, London, 1998: 84-107.

- Sabnis, SG, Ross WB, Pavlova Z, Koss MN. The non-neoplastic kidney. In: Modern Surgical Pathology eds Weidner N, Cote, RJ, Suster S, Weiss, LM. WB Saunders, Philadelphia, PA 2002. pp1001-1064.
- 18. Koss MN, Harris NL.

Lymphomatoid granulomatosis.

In: World Health Organization Classification of Tumours. Pathology and Genetics

of Tumours of the Lung, Pleura, Thymus and Heart. Eds (Travis WD, Brambilla

E,

Muller-Hermelink, HK, Harris CC. IARC Press: Lyon 2004. pp 92-94.

 Corrin B, Chang YL, Ross G, Koss MN, Geisinger K, Wick MR, Nappi O, Finkelstein SD, Nakatani Y. Sarcomatoid carcinoma.

In: World Health Organization Classification of Tumours. Pathology and Genetics

of Tumours of the Lung, Pleura, Thymus and Heart. Eds (Travis WD, Brambilla

E,

Muller-Hermelink, HK, Harris CC. IARC Press: Lyon 2004. pp 53-58.

20. Koss MN, Ma Y-L, Tafazzoli A, Przygodzki R. The Lung and Mesothelium.
In: Immunomicroscopy. A Diagnostic Tool for the Surgical Pathologist, 3rd Ed. Eds. (Taylor CR, Cote RJ) Saunders: 2006. pp 283-317.

Books

- Colby T, Koss MN, Travis W.
 Atlas of Tumor Pathology. Tumors of the Lower Respiratory Tract, 3rd series, Armed Forces Institute of Pathology, Washington, DC, 1995.
- Marchevsky AM, Koss MN (eds).
 Pathology: State of the Art Reviews. Topics in Pulmonary Pathology, California Society of Pathologists, Hanley & Belfus, Inc., Philadelphia, PA, 1996.
- Gal AA, Koss MN.
 Differential Diagnosis in Pathology: Pulmonary Disorders Williams & Wilkins, Baltimore, MD, 1997.

4. Travis WD, Colby T, Koss MN, King T, Muller N, Rosado-de Christianson M. Atlas of Non-Neoplastic Disorders of the Lower Respiratory Tract. American Registry of Pathology, Washington, DC, 2002.

Letters to the Editor

- Hartman B, Koss M. Diagnosing Pneumocystis carinii. Chest 1987; 91: 290-291.
- 2. Moran CA, Suster S, Koss MN. Smooth muscle tumours of the pleura. Histopathology 1997; 30:97-8.
- Baydur A, Kanel G, Koss M. Tracheobronchomalacia and noninvasive ventilation revisited. Chest. 2004 Oct;126(4):1390-2.

Abstracts

- Gavras H, Brunner HR, Laragh JH, Vaughn ED, Koss MN, Cote JJ. Malignant hypertension due to deoxycorticosterone acetate and salt excess: The role of renin and sodium in development of malignant vascular changes in the rat. Presented at the 6th Annual Meeting of the American Society for Nephrology, Washington, D.C., 1973.
- 2. Chernack WJ, Koss MN, Griswold WR, McIntosh RM. Experimental cryoglobulinemia in the rabbit. Ped Res 1973; 7:366.
- Koss MN, Chernack WJ, Griswold WR, McIntosh RM. The choroid plexus in acute serum sickness. Clin Res 1973; 21:694.
- 4. Griswold WR, Chernack WJ, Koss MN, McIntosh RM. The significance of cryoproteins in renal disease. Ped Res 1973; 7:410.
- 5. McIntosh RM,Griswold WR, Chernack WJ, Koss MN. The choroid plexus: A possible role in serum sickness. Clin Res 1973; 21:324.

- Strauss J, Pardo V, Kramer H, Koss MN, Griswold W, McIntosh RM. Sickle cell nephropathy and autologous immune complex disease. Clin Res 1974; 22:98a.
- 7. Weil R, Nozawa M, Koss MN, Weber C, Reemtsma K, McIntosh R. Effect of pancreas transplantation on diabetic nephropathy in rats. Surgical Forum 1974; 25: 387.
- Griswold WR, Koss MN, McIntosh RM, Hsu K. Cryoproteins and immune complexes in acute experimental serum sickness. Bull NY Acad Med 1974; 50:404.
- 9. Koss MN, Pirani CL, Osserman E.
 Ultrastructural changes in the kidneys of mice following injection of a human Bence-Jones protein.
 Lab Invest 1975; 32:12.
- Koss MN, Hochholzer L, Feigin DS, Garancis JC, Ward PA. Necrotizing sarcoid granulomatosis: Clinical, pathologic and immunopathologic findings. Lab Invest 1979; 40:265.
- Koss MN, Nichols PW, Hochholzer L.
 Pleural and bronchial cartilage involvement in primary lymphoma pseudolymphoma of lung.
 Lab Invest 1981; 44:35a.
- Nichols PW, Koss MN, Taylor CR, Hochholzer MN.
 Immunoperoxidase studies in the diagnosis of 51 primary pulmonary lymphoid lesions.
 Lab Invest 1981; 44:48a.
- Boylen CT, Hartman B, Hui AN, Koss MN. Experience with bronchial brushings, biopsy, and broncho-alveolar lavage for diagnosis and monitoring treatment of Pneumocystis carinii pneumonia in acquired immunodeficiency syndrome (AIDS). NIH Symposium on the Use of Bronchoalveolar Lavage, 1984.
- Macaulay LK, and Koss, MN.
 Localization of fibronectin by immunoelectron microscopy in rat lung exposed to bleomycin.
 Proceedings of the Western Regional EM Meeting, San Diego, CA., 1985.
- Hsueh W, Kjos S, Anderson P., Macaulay L, Sherrod A, and Koss M. Human decidua is a major extrarenal source of prorenin. Hypertension 1987; 10:358.

- 16. Anderson P, Macaulay L, Koss M, Do Y, Shinagawa T, and Hsueh W. Morphology of renin processing by a human renin-secreting tumor. Am Fed Clin Res Meeting, April 1988.
- 17. Do Y, Macaulay L, Anderson P., Kattermann J, Shaw K, Koss M, and Hsueh W. Membrane-bound vesicles mediate constitutive secretion of human prorenin in extrarenal tissue. Endocrine Society Meeting, June 1989.
- 18. Koss MN, and Hochholzer, L. Pulmonary blastomas: Clinical and pathologic correlates of prognosis. Mod Pathol 1990; 3:53A.
- 19. Wright CD, Kitridou RC, and Koss M. Monthly moderate IV cytoxan for lupus nephritis. Annual Scientific Meeting, American College of Rheumatology Meeting, 1990.

October,

- 20. Rosado-De Christenson ML, Pugatch RD, Koss MN, Galobardes J. Thymolipomas. A 40 year retrospective analysis with radiologic-pathologic correlation. Society of Thoracic Radiology, Toronto, Canada, May 1991.
- 21. Gal AA, Koss MN, Hochholzer L, Hitchcock CL, Becker R, O'Leary T. Prognostic factors in pulmonary inflammatory pseudotumor and malignant fibrous histiocytoma.

Mod Pathol 1992; 5:113A

- 22. Moran C, Hochholzer L, Suster S, Fishback N, Travis W, Koss M. Mucinous (so-called colloid) carcinoma of lung. Mod Pathol 1992; 5:115A.
- 23. Guinee D, Koss M, Travis W. Immunohistochemistry of small cell lung carcinoma in transbronchial biopsies and open lung biopsies. Mod Pathol 1993; 6:131A.
- 24. Fishback N, Koss MN, Travis W, Moran C, McCarthy W. Pleomorphic (spindle and giant cell) carcinomas of the lung: a clinicopathologic study of 75 cases. Mod Pathol 1993; 6:130A.
- 25. Deavers M, Guinee D, Koss M, Travis W. Granular cell tumors (GCT) of the lung: clinicopathologic study of 15 cases. Mod Pathol 1993; 6:129A.
- 26. Moran CA, Suster S, Askin FB, Koss MN.

Benign and malignant salivary gland-type mixed tumors of the lung: A clinicopathologic and immunohistochemical study of 8 cases. Mod Pathol 1994; 7:153A.

- Przygodzki R, Finkelstein S, Zeren H, Guinee D, Gal AA, Fishback N, Moran C, McCarthy WF, Koss M, Travis W.
 p53 analysis of neuroendocrine (NE) tumors: discriminating factors in atypical carcinoid (AC) within the NE spectrum.
 Mod Pathol 1994; 7:153A.
- Guinee D, Kingma D, Fishback N, Krishnan J, Moran C, Frizzera G, Travis W, Jaffee E, Koss M.
 Pulmonary lesions with features of lymphomatoid granulomatosis/angiocentric immunoproliferative lesion (LYG/AIL); evidence for Epstein-Barr virus within B lymphocytes. Mod Pathol 1994; 7:151A.
- Przygodzki R, Finkelstein SD, Fishback N, Zeren H, Bakker A, Swalsky PA, Moran C Travis W, Koss M.
 Pleomorphic (giant and spindle cell) carcinoma of lung is genetically distinct from adenocarcinoma.7th World Conference of Lung Cancer, Colorado Springs, Colorado, June 26-July 1, 1994.
- Przygodzki R, Zeren H, Finkelstein S, Fishback N, Moran C Travis W, Koss M. Primary pulmonary rhabdomyosarcoma of the lung in adults: A report of three cases.
 7th World Conference of Lung Cancer, Colorado Springs, Colorado, June 26-July 1, 1994.
- Moran CA, Suster S, Fishback N, Abbondanzo SL, Koss MN. Primary leiomyosarcomas of the lung: A clinicopathologic and immunohistochemical study of 24 cases. Mod Pathol 1995; 8:150A.
- 32. Moran CA, Suster S, Koss MN. Primary smooth muscle tumors of the pleura: A clinicopathologic and immunhistochemical study of 5 cases. Mod Pathol 1995; 8:150A.
- 33. Pinkard NB, Wilson RW, Dodd LG, McAdams HP, Koss MN, Travis WD. Calcifying fibrous pseudotumor of pleura: A report of 3 cases of a newly described entity involving the pleura. Mod Pathol 1995; 8:151A.
- Wilson R, Fishback N, Colby T, Fleming M, Koss M, Travis W. Intrapulmonary localized fibrous tumor (LFT): A clinicopathologic analysis of 43 cases.

Mod Pathol 1995; 8:155A.

- Zeren H, Travis W, Gal AA, Koss MN. Inflammatory pseudotumor of the lung: A clinicopathologic study of 50 cases. Mod Pathol 1995; 8:156A.
- Moran CA, Suster S, Fishback N, Koss MN. Primary intrapulmonary thymomas. Int J Surg Pathol 1995; 2:489.
- Moran CA, Zeren H, Suster S, Fishback N, Koss MN. Primary pulmonary sarcoma with features of monophasic synovial sarcoma Int J Surg Pathol 1995; 2:490.
- Moran CA, Suster S, Perino G, Kaneko M, Koss MN. Malignant smooth muscle tumors presenting as mediastinal soft tissue masses. Int J Surg Pathol 1995; 2:491.
- Pryzgodzki RM, Moran C, Khan MA, Koss M, Finkelstein S. Primary mediastinal seminomas: P53 immunoperoxidase and K-ras-2 gene analysis of 13 cases. Mod Pathol 1995; 8:141A.
- Moran CA, Suster S, Koss MN.
 Primary yolk sac tumor (YST), embryonal carcinoma (EC) and combined non-teratomatous germ cell tumors (GCT) of the mediastinum. Mod Pathol 1996; 9:160A.
- Moran CA, Suster S, Koss MN.
 Primary mediastinal seminomas: A clinicopathologic and immunohistochemical study of 120 cases.
 Mod Pathol 1996; 9:160A.
- Przygodzki RM, Moran CA, Swalsky PA, Bakker A, Koss MN, Finkelstein SD. Pleomorphic carcinoma of lung: A genetically distinct neoplasm from adenocarcinoma and squamous cell carcinoma. Mod Pathol 1996; 9:162A.
- 43. Travis WD, Colby TV, Koss M.
 Reproducibility of neuroendocrine (NE) tumor lung classification. Mod Pathol 1996; 9:163A.
- Fleming MV, Rush W, Wei M, Koss M, Abbondanzo S, Travis WD.
 Bcl-2 is a prognostic marker in neuroendocrine (NE) lung tumors.
 Mod Pathol 1996; 9:155A.

- 45. Fraig M, Eltorky M, Stetler-Stevenson WB, Koss MN, Fishback N, Travis W. Immunohistochemical localization of matrix metalloproteinases and its tissue inhibitors in scar carcinoma of the lung. Mod Pathol 1996; 9:155A.
- 46. Guinee DG Jr., Fleming M, Hayashi T, Woodward M, Zhang J, Koss M, Travis W.
 Association of p53 and Waf1 expression with DNA damage and apoptosis in diffuse alveolar damage.
 Mod Pathol 1996; 9:157A.
- 47. Chan K, Koss M, Barbers R. Remodeling in near-fatal asthma. J Allergy Clin Immunol 2000 105:S193.
- 48. Niden AH, Koss MN, Ma, Y-L. Fluoriscopically guided fine needle aspiration of the solitary pulmonary nodule: revisited. ACCP 2003