

PLAINTIFF'S
EXHIBIT
DOW-417f

KATHRYN ANN HALE, MD

Office Address:

Baylor College of Medicine
Pulmonary Section
6550 Fannin St., Suite 1236
Houston, Texas 77030
Telephone: (713) 790-2076
Fax: (713) 790-3648

Home Address:

9715 Braesmont
Houston, Texas 77096
Telephone: (713) 723-3017
Fax: (713) 723-0429

I. GENERAL BIOGRAPHICAL INFORMATION

Personal

Date of Birth: March 23, 1947

Education

Undergraduate Training

1965 - 1966 Oklahoma City University
Oklahoma City, OK

1966 - 1968 Oklahoma State University
Stillwater, OK

Medical School

1968 - 1972 University of Oklahoma College of Medicine
Oklahoma City, OK

Postgraduate Training

Internship

1972 - 1973 Duke University Hospital
Durham, NC
Internal Medicine

2

Kathryn A. Hale, MD
Curriculum Vitae

Residency

1973 - 1974 Duke University Hospital
Durham, NC
Internal Medicine

Fellowships

1974 - 1975 Duke University Hospital
Durham, NC
Pulmonary Medicine

1975 - 1976 University of Minnesota
Minneapolis, MN
Pulmonary Medicine

Academic Appointments

Current Faculty Positions:

1995 - Present Director, Adult Cystic Fibrosis Center
Baylor College of Medicine & The Methodist Hospital
Houston, Texas

1993 - Present Assistant Professor
Pulmonary and Critical Care Medicine
Baylor College of Medicine
Houston, Texas

1993 - Present Medical Director
Respiratory Care Services
Pulmonary and Critical Care Section
Department of Medicine
The Methodist Hospital
Houston, Texas

1993 - Present Pulmonary Consultation Associates
Baylor College of Medicine & The Methodist Hospital
Houston, Texas

Hospital Appointments

3

Kathryn A. Hale, MD
Curriculum Vitae

1995 - Present	St. Luke's Episcopal Hospital, Provisional Staff Internal Medicine Services
1995 - Present	Veteran's Administration Hospital, Attending Physician Internal Medicine
1994 - Present	Ben Taub General Hospital, Attending Physician Internal Medicine
1994 - Present	Texas Children's Hospital, Staff Physician Pulmonary Medicine Service
1993 - Present	The Methodist Hospital, Staff Physician Internal Medicine

Previous Positions

1985 - 1993	Pulmonary Consultants Park Avenue Medical Building Minneapolis, MN
1983 - 1985	Pulmonary Medicine Associates
1976 - 1983	Assistant Professor University of Minnesota Veteran's Administration Hospital Minneapolis, MN

Awards

1990	Physician's Recognition Award American Medical Association Minneapolis, MN
------	--

Board Certification

1978	American Board of Pulmonary Disease
1975	American Board of Internal Medicine

Non-Academic Positions

4

Kathryn A. Hale, MD
Curriculum Vitae

1997 - Present	Utilization Management Committee The Methodist Hospital Houston, Texas
1985 - 1993	Pulmonary Consultants Park Avenue Medical Building Minneapolis, MN
1983 - 1985	Pulmonary Medicine Associates Fairview - St. Mary's Medical Office Building Minneapolis, MN

II. RESEARCH INFORMATION

1998 -	National Emphysema Treatment Trial Participating Physician
1996 - 2003	NIH/NHLBI - Clinical Centers for Lung Volume Reduction Surgery for Emphysema: A Multicenter Assessment and Prospective Patient Registry
1994 - 1997	Epidemiologic Study of Cystic Fibrosis: A Multicenter, Longitudinal Follow-Up Study of Patients with Cystic Fibrosis for Monitoring Pulmonary Function, Pulmonary Exacerbations, and the Safety of Long-term Treatment of Pulmozyme
1997 - 1999	A Multicenter International, Randomized, Placebo- controlled, Double-blind Study to Determine the Effect of Pulmozyme on Pulmonary Function over 96 Weeks in Subjects with Cystic Fibrosis - Age 6-10
1997 - 1998	An Open-Label Trial of Tobramycin Solution for Inhalation (TOBI) in Patients with Cystic Fibrosis

Professional Societies

American Heart Association

American Thoracic Society

5

Kathryn A. Hale, MD
Curriculum Vitae

Alpha Omega Alpha
University of Oklahoma Medical School

Harris County Medical Society

Invited Lectures

- 02/98 Invited Lecturer, "NETT", RRT Texas Regional Meeting,
Houston, Texas
- 04/98 Invited Lecturer, "Cystic Fibrosis", Texas Medical Association
Annual Meeting, Austin, Texas
- 05/98 Invited Lecturer, "Microbiology Section, Baylor College of
Medicine, - "Cystic Fibrosis", Houston, Texas
- 01/98 Invited Lecturer, "Cystic Fibrosis: Implications for ICU
Practitioners", Greater Houston Society of Critical Care
Houston, Texas
- 11/97 Invited Lecturer, Houston District of Texas, Society for
Respiratory Care, The Methodist Hospital
Houston, Texas
- 10/97 Invited Lecturer, "Atypical Mycobacterial Infections in Cystic
Fibrosis Patients", Greenberg, Pulmonary Pathology Conference
Baylor College of Medicine, Houston, Texas
- 03/97 Invited Lecturer, Cystic Fibrosis, Grand Rounds, The Methodist
Hospital, Houston, Texas
- 02/97 Invited Lecturer, "Pulmonary Embolism, Diagnosis & Treatment",
Texas Children's Hospital, Pulmonary Conference, Houston, Texas
- 01/97 Invited Lecturer, "Pneu Year" - New & Review Pulmonary Update
"Lung Reduction Surgery", Bayshore Medical Center,
Pasadena, Texas
- 01/97 Core Clerkship Lectures, "Chest X-rays", Baylor College of
Medicine, Houston, Texas

6

Kathryn A. Hale, MD
Curriculum Vitae

- 08/96 "*Bronchiolitis Obliterans Organizing Pneumonia*" @Greenberg
Pulmonary, Pathology & Radiology Conference
Baylor College of Medicine, Houston, Texas
- 03/96 "*Identification & Management of Respiratory Diseases
Including Obstructive Lung Diseases, Upper & Lower
Respiratory Infections, HIV/AIDS & Respiratory Allergic
Syndromes*", Women's Hospital, Baton Rouge, Louisiana
- 08/94 "*The Pulmonary Patient: Beyond Basics*"
Baylor College of Medicine, Houston, Texas
- 04/94 "*Persistent Pleural Effusion*", The Methodist Hospital Grand
Rounds, Houston, Texas
- 03/94 "*Carcinoid Tumors of the Lung*", Pathology Conference,
Baylor College of Medicine, Houston, Texas
- 10/93 "*Thromboembolic Disease*", The Methodist Hospital Grand
Rounds, Houston, Texas
- 10/93 "*The Pulmonary Patient: Diagnosis & Management of
Pulmonary Embolism*", Pulmonary Update Conference
Marriott Astrodome, Houston, Texas
- 02/88 "*The Single Lung & Double Lung Recipient: Patient Selection*"
Tucson, Arizona

1. **Completed Publications**

Full Papers

Emery, R.W., Graif, J.L., Hale, K.A., et al: *Treatment of End-Stage
Chronic Obstructive Pulmonary Disease with Double Lung
Transplantation*. Chest 99 (3):533-37, March 1991

Hale, K.A., Pritzker, Marc R: *The Single Lung & Double Lung
Recipient: Patient Selection Car. Surgery: State of the Art
Reviews*, 2:571, 1988

Kathryn A. Hale, MD
Curriculum Vitae

Hale, K.A., Cosio, M.G., Niewohner, D.E.: *Progression of Emphysema Airway Disease and Muscular Pulmonary Artery Changes in Chronic Airflow Obstruction*. Am. Rev. Resp. Dis., 123 (2):27, 1981

Cosio, M.G., Hale, K.A., Niewohner, D.E.: *Effects of Prolonged Cigarette Smoking on the Morphology and Morphometry of the Small Airways*. Am. Rev. Resp. Dis., 122:265-271, 1980

Hale, K.A., Niewohner, D.E., Cosio, M.G.: *Morphologic Changes in the Muscular Pulmonary Arteries: Relationship to Cigarette Smoking, Airways Disease and Emphysema*. Am. Rev. Resp. Dis. 122:272-78, 1980

Pierpont, G., Hale, K.A., Franciosa, J., Cohan, J.: *Relationship Between Pulmonary Vascular and Hypoxemic Effects of Vasodilators in Left Ventricular Failure*, Am. Heart J. 99:208, 1980

Abstracts

Wheeler, D.R., Hale, K.A., Hargett, Ken, Meents, C.: *Integration of therapist driven protocols into a clinical pathway: The effect on cost and reduction in length of stay*. The Methodist Hospital, Respiratory Care Journal, October 1996

Espada, R., Gonzalez, J.M., Hale, K.A., Miller, C., Bhama, J., Prince, R., Baldwin, J.: *Resection via midsternotomy: Surgery of choice for lung volume reduction*. Baylor College of Medicine, Houston, Texas, March 1996

Espada, R., Gonzalez, J.M., Hale, K.A., Miller, C., Bhama, J., Prince, R., Baldwin, J.: *Successful surgical outcomes on patients with low FEV1*. Baylor College of Medicine, Houston, Texas, March 1996

Asi, W., Hale, K.A.: *The response to steroids of pulmonary vasculitis associated with the anti-myeloperoxidase antibodies*, ACCP Meeting, New Orleans, Louisiana, October 1994

Books

8

Kathryn A. Hale, MD
Curriculum Vitae

Hale, K.A., Maksoud A., et al., *Diagnostic Dilemmas in Pulmonary Pathology: Clinical Diagnosis of Pulmonary Neoplasms*, Marcel Dekker Inc., Cagle, P. (Ed) 1997 (In Press)

Hale, K.A., Gonzalez, J.M., et al., *Infectious Diseases for Practicing Clinicians, Approach to Infectious Causes of Chest Pain*, @W.B. Saunders, Dasco, C. (Ed), 1996 (In Press)

Bradford, D.S., Lonstein, J.E., et al.: *Moes Textbook of Scoliosis and Other Spinal Deformities*, 2nd Edition, Hale, K.A., contributor on Pulmonary Function Testing, pp 585-592, W.B. Saunders, 1987

III. TEACHING INFORMATION

1. Didactic Course Work
Baylor College of Medicine & The Methodist Hospital
Preceptorship: Introduction to Patient. Sixth Block, (2hr/wk x 3 wks annually) 1994 - Present
2. Non-Didactic Teaching - Local

IV. MEDICAL AND SERVICE INFORMATION

1. Administrative Assignments

1997 - Present	Member, Medicine-Pediatrics Faculty Steering Committee
1997 - Present	Member, Cardiovascular Patient Care Committee
1984 - 1993	Member, Graduate Medical Education Committee
1988 - 1990	Treasurer, Abbot Northwestern Hospital
1985 - 1988	Chair, Critical Care Committee
Medical Director, Respiratory Care Service	
1976 - 1983	Medical Director, Intensive Care Unit, VA Medical Center, Minneapolis, MN

9

Kathryn A. Hale, MD
Curriculum Vitae

1994 -

CVICU I & II Cardiovascular Patient Care Committee,
The Methodist Hospital

Coronary Artery Bypass Clinical Pathway Team

Cystic Fibrosis Team

The Ventilator Task Force Sub-Committee

Respiratory Care Management Quality Improvement
Committee

Speakers Training Meeting, Feb 15 - 18, 1996, Indian
Wells, CA