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SEVENTH SARANAC SYMPOSIUM

SEPTEMBER 22
TO
SEPTEMBER 26
1952

THE SARANAC LABORATORY
of the
Edward L. Trudeau Foundation
Saranac Lake, New York

CRMC-Motley1000-Subj-005245

Foreword

The Saranac Symposiums, of which this session is the Seventh, have been organized periodically for the discussion of health problems pertaining to workers exposed by inhalation to industrial substances. The subjects to be discussed at the Seventh Saranac Symposium will be limited but many have broad application. The topics will not be restricted to individual companies or industries, nor will they concern only a single group such as the employer or the employee, the insurer or the insured. The problems to be considered involve a host of diverse interests — engineering, medical, legal, administrative, social. At the symposium representatives of each of those groups and interests will have the opportunity to explore and discuss common problems with the objective that industrial health be improved. If that objective is attained, the symposium will be a successful one.

Participants in Program

AMBERSON, J. BURNS, M.D., Professor of Medicine, Columbia University — College of P & S, Visiting Physician-in-Charge, Chest Service, Bellevue Hospital, Member, Board of Chest Consultants, Workman's Compensation Board of New York State, New York, N.Y.

ANDREWS, EARLE T., Vice-President in Charge of Operations, Pennsylvania Glass Sand Corporation, Hancock, W. Va.

BAETJER, ANNA M., Sc.D., Associate Professor of Environmental Medicine, The Johns Hopkins School of Hygiene and Public Health, Baltimore, Md.

BARNAKO, FRANK, Manager of Compensation and Safety, Bethlehem Steel Company, Bethlehem, Pa.

BRAUN, DANIEL C., M.D. Medical Director, Industrial Hygiene Foundation of America, Pittsburgh, Pa.

BRISTOL, LEONARD J., M.D., Head, Department of Radiology, The Trudeau Foundation, Saranac Lake, N.Y.

CARTIER, PAUL, M.D., Medical Director, Thetford Industrial Clinic, Thetford Mines, Quebec, Canada

CONNOLLY, WILLIAM L., Director of Bureau of Labor Standards, U. S. Department of Labor, Washington, D. C.

DONLON, MARY, Chairman, Workman's Compensation Board of New York State, Albany, N.Y.

DRINKER, PHILIP, Sc.D., Professor of Industrial Hygiene, Harvard University School of Public Health, Boston, Mass.

DURKAN, THOMAS M., Assistant Director, The Saranac Laboratory, Saranac Lake, N.Y.

EISENBUD, MERRIL, Director, Health and Safety Division, U. S. Atomic Energy Commission, New York Operation's Office, New York, N.Y.

FLETCHER, CHARLES M., M.D., Director, Pneumoconiosis Research Unit, The Medical Research Council, Llandough Hospital, near Penarth, Cardiff, Wales, Senior Lecturer, Postgraduate School of Medicine, University of London, London, England

FRIEDMAN, LOUIS, M.D., Friedman Diagnostic Clinic, Birmingham, Ala.

GENTHOLTS, A. J., Assistant Counsel, Republic Steel Corporation, Cleveland, Ohio

GREENBURG, LEONARD M.D., Director, Division of Industrial Hygiene and Safety Standards, New York State Department of Labor, New York, N.Y.

GREGOIRE, FERNAND, M.D., Medical Director, Lavoisier Institute, Montreal, Quebec, Canada

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HAMLIN, LLOYD E., M.D., Medical Director, American Brake Shoe Company, Chicago, Ill.

HARDY, HARRIET L., M.D., Associate Physician, Occupational Medical Clinic, Massachusetts General Hospital, Boston, Mass.

HATCH, THEODORE F., School of Public Health, University of Pittsburgh, and Industrial Hygiene Foundation, Mellon Institute, Pittsburgh, Pa.

HILFINGER, MARTIN F., President, Associated Industries of New York State, Buffalo, N.Y.

HILL, JAMES L., Commissioner, Workmen's Compensation Commission, State of Michigan, Lansing, Mich.

HUEPER, W. C., M.D., Chief, Cancerigenic Research Studies Section, Cancer Control Branch, National Cancer Institute, National Institutes of Health, Bethesda, Md.

HUGH-JONES, PHILIP, M.D., Senior Lecturer in Medicine, University College of the West Indies, Mona St. Andrews, Jamaica, B. W. I.

KALMYKOW, ANDREW, Assistant Manager, Casualty Department, Association of Casualty and Surety Companies, New York, N.Y.

KUECHLE, B. E., Vice-President and Claims Manager, Employers Mutual Liability Insurance Co. of Wisconsin, Wausau, Wis.

LANZA, ANTHONY J., M.D., Chairman, Institute of Industrial Medicine, New York University, Bellevue Medical Center, New York, N.Y.

LEVIN, MORTON L., M.D., Assistant Commissioner for Medical Services, New York State Department of Health, Albany, N.Y.

LYNCH, KENNETH M., M.D., Professor of Pathology and Dean, Medical College of the State of South Carolina, Charleston, S. C.

MCCANN, WILLIAM S., M.D., Professor of Medicine, University of Rochester, Physician-in-Chief, Strong Memorial Hospital, Rochester, N.Y.

MCGEE, LEMUEL C., M.D., Medical Director, Hercules Powder Company, Wilmington, Del.

MAYER, EDGAR, M.D., Clinical Professor of Industrial Medicine, New York University Postgraduate Medical School, Member, Board of Chest Consultants, Workmen's Compensation Board of New York State, New York, N.Y.

MEREDITH, GEORGE E., Vice-President and General Attorney, New Jersey Manufacturers' Casualty Insurance Co., Trenton, N. J.

MEREWETHER, E. R. A., M.D., H. M. Senior Medical Inspector of Factories, Ministry of Labour and National Service, St. James Square, London, England

MIDER, G. BURROUGHS, M.D., Associate Director in Charge of Research, National Cancer Institute, National Institutes of Health, Bethesda, Md.

MOTLEY, HURLEY L., M.D., Director, Cardio-Respiratory Laboratory, Jefferson Medical College Hospital, Barton Memorial Division, Philadelphia, Pa.

ORENSTEIN, A. J., M.D., Chief Medical Officer, Rand Mines, Ltd., Johannesburg, Union of South Africa

PRATT, PHILIP C., M.D., Associate Pathologist, The Saranac Laboratory, Saranac Lake, N.Y.

RHOADS, C. P., M.D., Director, Memorial Center for Cancer and Allied Diseases, New York, N.Y.

SABOURIN, IVAN, Queen's Counsel, Counsel to Quebec Asbestos Producers Association, Montreal, Quebec, Canada

SANDER, O. A., M.D., Associate in Medicine, Marquette University Medical School, Consultant in Industrial Medicine, Milwaukee, Wis.

SHAVER, C. G., M.D., Superintendent, Niagara Peninsula Sanatorium, St. Catherines, Ontario, Canada

SOLANDT, DONALD, M.D., Professor of Physiology and of Physiological Hygiene, Faculty of Medicine, Toronto, Canada

THOMPSON, M. W., Treasurer and General Manager, Hall China Company, East Liverpool, Ohio

TRUDEAU, FRANCIS B., M.D., President, Board of Trustees of the Trudeau Corporation, Saranac Lake, N.Y.

URBAN, E. C. J., Industrial Hygiene Engineer, The Saranac Laboratory, Saranac Lake, N.Y.

VORWALD, ARTHUR J., M.D., Director, The Trudeau Foundation and The Saranac Laboratory, Saranac Lake, N.Y.

WAGNER, RICHARD, Manager, Casualty Department, Association of Casualty and Surety Companies, New York, N.Y.

WARING, JAMES J., M.D., Professor of Medicine, University of Colorado School of Medicine, Denver, Colo.

WATERS, THEODORE C., Counsel to Industrial Hygiene Foundation, Industrial Counsel, Mullikin, Stockbridge and Waters, Baltimore, Md.

WHIPPLE, EDWARD G., M.D., Consultant Physician, Strong Memorial Hospital, Member Board of Chest Consultants, Workmen's Compensation Board of New York State, Rochester, N.Y.

WRIGHT, GEORGE W., M.D., Head, Department of Physiology, The Trudeau Foundation, Saranac Lake, N.Y.

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— Notes —

Monday, September 22

9:00 A.M.

Registration:
John Black Room, The Saranac Laboratory
7 Church Street, Saranac Lake New York

Early arrivals are requested to register on Sunday, September 21.

9:45 A.M.

Address of Welcome

Arthur J. Vorwald, M.D.

10:00 A.M. — 12:00 Noon

Definitions and Clarification of Terms Pertaining to Pneumoconiosis

Moderator: ARTHUR J. VORWALD, M.D.

Panel Members:
Anthony J. Lanza, M.D.
Leonard Greenburg, M.D.
O. A Sander, M.D.
Richard Wagner
Charles M. Fletcher, M.D.

Discussion, led by A. J. Orenstein, M.D.

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— Notes —

Monday, September 22

2:00 P.M. — 5:30 P.M.

The Inhalation of Certain Industrial Substances

Chairman: THEODORE F. HATCH

Brief Reviews

Silica	Thomas M. Durkan
Asbestos	Arthur J. Vorwald, M.D.
Beryllium	Harriet L. Hardy, M.D.
Bauxite	C. G. Shaver, M.D. and Donald Solandt, M.D.

Discussion

New Synthetic Silicas

Philip C. Pratt, M.D.

The Fate of Inhaled Particulates

Merril Eisenbud

Discussion, led by Theodore F. Hatch

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— Notes —

Tuesday, September 23

9:00 A.M. — 1:00 P.M.

Pneumoconiosis in Coal Miners

Chairman: PHILIP DRINKER, Sc.D.

Industrial Hygiene Studies of Coal Miners in Two Geographical Areas in the United States

E. C. J. Urban

Discussion

Radiological Classification

Charles M. Fletcher, M.D.

Discussion

Pathology of Coal Workers' Pneumoconiosis

Arthur J. Vorwald, M.D.

Discussion

Epidemiology of Coal Workers' Pneumoconiosis in Wales

Charles M. Fletcher, M.D.

Discussion

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— Notes —

Tuesday, September 23

2:30 P.M. — 5:30 P.M.

Pneumoconiosis in Coal Miners
(Continued)

Chairman: O. A. SANDER, M.D.

Pneumoconiosis in Coal Miners in Alabama
Louis Friedman, M.D.

Discussion

Pulmonary Function Studies of Coal Miners in Pennsylvania and West Virginia
Hurley L. Motley, M.D.

Pulmonary Function Studies of Coal Miners in Wales
Philip Hugh-Jones, M.D.

Discussion

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— Notes —

Wednesday, September 24

9:00 A.M. — 1:00 P.M.

Pneumoconiosis and Pulmonary Cancer

Chairman: C. P. RHOADS, M.D.

Philosophy of Biostatistics as Applied to Environmental Pulmonary Cancer
Morton L. Levin, M.D.

Discussion

General Review W. C. Hueper, M.D.

Discussion

Asbestos Miners Paul Cartier, M.D.

Discussion

Asbestos Weavers Kenneth M. Lynch, M.D.

Discussion, led by
E. R. A. Merewether, M.D.

Group Photograph

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— Notes —

Wednesday, September 24

2:30 P.M. — 5:30 P.M.

Pneumoconiosis and Pulmonary Cancer
(Continued)

Chromate Workers — Anthony J. Lanza, M.D.

Discussion

Experimental Pulmonary Cancer — General Review
G. Burroughs Mider, M.D.

Discussion

Pulmonary Cancer in Experimental Exposures to Chromate
Anna Baetjer, Sc.D.

Discussion

Pulmonary Cancer in Experimental Exposures to Beryllium
Arthur J. Vorwald, M.D.

Discussion

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— Notes —

Thursday, September 25

9:00 A.M. — 1:00 P.M.

Clinical Aspects of Pneumoconiosis

Chairman: WILLIAM S. MCCANN, M.D.

Incidence of Clinically Manifest Diffuse Obstructive Emphysema

Leonard J. Bristol, M.D.

Discussion

Pulmonary Function Studies in Men Exposed for Ten or More Years to Inhalation of Asbestos Fibers

Fernand Gregoire, M.D.

Discussion

Maximum Ability for Physical Work of Moderate Duration Correlated with Various Tests of Pulmonary Function

George W. Wright, M.D.

Discussion

Cardio-Circulatory Aspects of the Pneumoconioses

William S. McCann, M.D.

Discussion, led by James J. Waring, M.D.

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— Notes —

Thursday, September 25

2:30 P.M. — 5:30 P.M.

Workmen's Compensation — Medical and Legal Aspects

Chairman: M. W. THOMPSON

Concepts of Disability Under Workmen's Compensation Statutes
Theodore C. Waters

Compensation for Disability and Death Resulting from the Pneumoconioses
George W. Wright, M.D.
George E. Meredith
Marun F. Hilfinger

Discussion, led by Andrew Kalmykow

7:30 P.M.

Banquet — Hotel Saranac

Introduction of Guests — Arthur J. Vorwald, M.D.

Remarks — Francis B. Trudeau, M.D.

Leroy U. Gardner Memorial Lecture

Anthony J. Lanza, M.D.

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— Notes —

Friday, September 26

9:00 A.M. — 1:00 P.M.

Viewpoints on Compensation for Pulmonary and Other Occupational Diseases

Chairman: Hon. MARY DONLON

The Functions and Value of Medical Boards and Medical Examiners in Controverted Compensation Cases

Lemuel C. McGee, M.D.

Board of Chest Consultants, Workmen's Compensation Board, New York State
Edgar Mayer, M.D.
J. Burns Amberson, M.D.
Edward G. Whipple, M.D.

A. J. Gentholts

Discussion

The Presentation of Medical Evidence in Controverted Compensation Cases

Daniel C. Braun, M.D.
Frank Barnako
Ivan Sabourin

Discussion

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— Notes —

Friday, September 26

2:00 P.M. — 5:30 P.M.

Administration of Workmen's Compensation Laws as They Relate to the Pneumoconioses

Moderator: THEODORE C. WATERS

Panel Members:

James L. Hill
William L. Connolly
B. E. Keuchle
Earle T. Andrews
Lloyd E. Hamlin, M.D.

Summary

Workmen's Compensation Sessions

Theodore C. Waters

Conclusion of the Symposium

Summary of the Medical Sessions and Remarks

Arthur J. Vorwald, M.D

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