International Symposium On Otosclerosis
INTERNATIONAL SYMPOSIUM ON OTOSCLEROSIS

November 10, 11, 12, 1960

The professional staff of the Henry Ford Hospital with the initial advice and support of the Board of Trustees and Dr. Robin C. Buerki, Executive Director, of the Henry Ford Hospital, sponsored an International Symposium on the subject Otosclerosis. This symposium was held at the Henry Ford Hospital, November 10, 11, and 12, 1960 in the Clinic Auditorium.

PROGRAM COMMITTEE

HAROLD F. SCHUKNECHT, M.D., Chairman
Director, Otological Research Laboratory, Associate Surgeon, Department of Otolaryngology, Henry Ford Hospital.

FRANZ ALTMANN, M.D.
Clinical Professor of Otolaryngology, Columbia University, College of Physicians and Surgeons.

J. LEWIS DILL, M.D.
Chief, Department of Otolaryngology, Henry Ford Hospital.

WILLIAM F. HOUSE, M.D.
Instructor in Surgery, University of Southern California Medical School.

MERLE LAWRENCE, Ph.D.
Professor of Otolaryngology and Physiology, University of Michigan Medical School.

JOHN R. LINDSAY, M.D.
Professor of Otolaryngology, University of Chicago Medical School.

JOHN J. SHEA, Jr., M.D.
Memphis Otologic Clinic.

NOVEMBER 10 —

FIRST SESSION: Anatomical, Pathological and Genetic Features of Otosclerosis.

Chairman: Merle Lawrence, Ph.D.
Professor of Otolaryngology and Physiology
University of Michigan Medical School
Ann Arbor, Michigan

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9:00 The Normal Histology of the Labyrinthine Capsule and the Oval Window Area.

Hans Engstrom, M.D., Associate Professor of Otology, Department of Otolaryngology, University of Göteborg, Göteborg, Sweden

9:20 Histopathology and Etiology of Otosclerosis.

Franz Altmann, M.D., Clinical Professor of Otolaryngology, Columbia University, New York City, New York

9:40 Studies of Otosclerotic Bone.

Harold M. Frost, M.D., Associate Surgeon, Department of Orthopaedic Surgery, Henry Ford Hospital, Detroit, Michigan

10:00 Comments on Sensorineural Hearing Loss in Otosclerosis.

Aram Glorig, M.D., Director of Research, Subcommittee on Noise Research Center, Los Angeles, California

10:20 Histopathology of Sensorineural Degeneration and other Inner Ear Changes in Otosclerosis.

Luzius Rüedi, M.D., Professor of Otorhinolaryngology, Director of the ENT Clinic, University of Zürich, Zürich, Switzerland

10:40 Intermission.

11:00 Neuroanatomical Correlates of Auditory Discrimination; Findings in Otosclerosis and Other Disorders.

Harold F. Schuknecht, M.D., Associate Surgeon, Dept. of Otolaryngology, Henry Ford Hospital, Detroit, Michigan.

11:20 Genetic Problems in Otosclerosis.

Anders Larsson, M.D., Dept. of Otolaryngology, University of Göteborg, Göteborg, Sweden

11:40 Designated Discussion.

Juergen Tonndorf, M.D., Associate Professor, Dept. of Otolaryngology, University of Iowa Medical School, Iowa City, Iowa

11:50 Designated Discussion.

Ben Senturia, M.D., Clinical Associate Professor, Dept. of Otolaryngology, Washington University School of Medicine, St. Louis, Missouri

12:00 Open Discussion.

12:30 Lunch.
SECOND SESSION: Physiological Mechanisms Relating to Otosclerosis.

Chairman: John R. Lindsay, M.D., F.A.C.S.
Professor and Chairman, Dept. of Otolaryngology
University of Chicago Medical School and Associated Hospitals
Chicago, Illinois

2:00 The Transmission of Sound in the Ear.

Ernest Glen Wever, Ph.D., Professor, Princeton University, Princeton, New Jersey

2:30 The Physiological Significance of the Middle Ear Muscles.

Henry B. Perlman, M.D., Professor of Otolaryngology, University of Chicago School of Medicine and Associated Hospitals, Chicago, Illinois

2:50 Designated Discussion.

Merle Lawrence, Ph.D., Professor of Otolaryngology and Physiology, University of Michigan Medical School, Ann Arbor, Michigan

3:00 Open Discussion.

3:15 Intermission.

3:30 The Value of the Weber Test in Otosclerosis.

J. J. Groen, M.Sc., Lecturer in Labyrinthology, Ear, Nose and Throat Dept., State-University Utrecht, Utrecht, The Netherlands

3:50 Designated Discussion: Comments on Effect of Stapes Fixation on Bone Conduction Response.

Raymond Carhart, Ph.D., Professor, Audiology and Otolaryngology, Northwestern University, Evanston, Illinois.

4:00 Masking in Testing for Otosclerosis.

William G. Hardy, Ph.D., Associate Professor, Otolaryngology and Environmental Medicine, Johns Hopkins Medical Institutions, Baltimore, Maryland


Lennart Holmgren, M.D., Associate Professor, Karolinska Hospital, Stockholm, Sweden.

4:40 Open Discussion.

5:00 Adjournment.
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NOVEMBER 11 —

THIRD SESSION: Fenestration of the Horizontal Canal.

Chairman: Senator Joseph A. Sullivan, M.D., F.R.C.S. (C)
Toronto, Canada

9:00 The Results, Techniques and Present Status of Fenestration Surgery.

Henry L. Williams, M.D., M.S., Professor of Otolaryngology and Rhinology, Mayo Foundation Graduate School, University of Minnesota, Rochester, Minn.

9:20 The Place for the Fenestration Operation in the Surgery of Otosclerosis.

Ion Simson Hall, M.B., ChB., F.R.C.P.E., F.R.C.S.E., Surgeon in Charge, Ear, Nose and Throat Department, Royal Infirmary of Edinburgh, Edinburgh, Scotland

9:40 Fenestration: Results, Indication, Limitations.

Theo. E. Walsh, MRCS-LRCP, Professor of Otolaryngology, Washington University School of Medicine, St. Louis, Missouri

10:00 Open Discussion.

10:15 Intermission

10:30 A Study of Long Term Results of Fenestration Surgery.

Howard P. House, M.D., Clinical Professor of Otolaryngology, University of Southern California School of Medicine, Los Angeles, California

10:40 Histopathology of Fenestration, Animal and Human Studies.

Dorothy Wolff, Ph.D., Associate Professor of Otorhinolaryngology, New York State University, Downstate Medical Center, Brooklyn, New York

11:00 Cochlear Pathology Following Fenestration and Stapes Surgery.

George E. Shambaugh, M.D., Professor and Chairman, Dept. of Otolaryngology, Northwestern University Medical School, Evanston, Illinois

11:15 Designated Discussion.

J. H. Thomas Rambo, M.D., New York City.

11:30 Open Discussion.

12:00 Movie Film honoring the late Heinz Kobrak, M.D., Ph.D.†

Formerly, Associate Professor, Dept. of Otolaryngology, University of Chicago School of Medicine, Chicago, Illinois

†Formerly, Professor of Otology, Dept. of Industrial Medicine, Wayne State University, Detroit, Michigan

12:30 Lunch.
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FOURTH SESSION: Research Relating to Stapes Surgery.

Chairman: Edmund P. Fowler, Jr., M.D.
Professor and Chairman, Dept. of Otolaryngology
Columbia University School of Medicine
New York City, New York

2:00 Acoustic Trauma from Surgical Instruments.
   Michael M. Paparella, M.D., Dept. of Otolaryngology, Henry Ford Hospital,
   Detroit, Michigan

2:20 The Effects of Hemorrhage into the Vestibule (Animal Experiment).
   Albert Hohmann, M.D., Clinical Instructor, University of Minnesota, Minne­
   apolis, Minnesota

2:40 Experimental Studies on the Stapes.
   John J. Shea, Jr., M.D., Memphis, Otologic Clinic, Memphis, Tennessee

3:00 Repair and Consequences of Surgical Trauma to the Ossicles and Oval Window
   of Experimental Animals.
   Richard J. Bellucci, M.S., M.D., Surgeon-Director, Manhattan Eye, Ear and
   Throat Hospital, New York City, New York

3:20 Intermission.

   Harold F. Schuknecht, M.D., Associate Surgeon, Dept. of Otolaryngology,
   Henry Ford Hospital, Detroit, Michigan

4:00 Histopathology of Stapes Surgery in Autopsy Specimens.
   Franz Altmann, M.D., Clinical Professor of Otolaryngology, Columbia Uni­
   versity College of Physicians and Surgeons, New York City, New York
   and John R. Lindsay, M.D., F.A.C.S., Professor and Chairman of Oto­
   laryngology, University of Chicago Medical School and Associated Hospitals,
   Chicago, Illionis

4:20 Experiences and Studies in Advanced Otosclerosis.
   William F. House, M.D., Instructor in Surgery, University of Southern Cali­
   fornia, Los Angeles, California

4:40 Open Discussion.

5:00 Adjournment.
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NOVEMBER 12 —

FIFTH SESSION: Stapes Surgery.

Chairman: Terence Cawthorne, M.D., F.R.C.S.
London, England

9:00 Introductory Remarks.

Philip E. Meltzer, M.D., Professor and Chairman, Dept. of Otolaryngology, Harvard University School of Medicine, Boston, Massachusetts

9:15 Is There a Single Stapes Operation Preferable for all Cases of Otosclerosis?

Samuel Rosen, M.D., Consulting Otologist, New York Eye and Ear Infirmary, Mt. Sinai Hospital, New York City, New York

9:30 Fenestration of the Oval Window After More Than Four Years.

John J. Shea, Jr., M.D., Memphis Otologic Clinic, Memphis, Tennessee

9:45 "Interposition" Procedure for Stapes Ankylosis.

Michel Portmann, M.D., Professur Agrege ORL, University of Bordeaux, Bordeaux, France

10:00 Experiences with Stapes Surgery.

Howard P. House, M.D., Clinical Professor of Otolaryngology, University of Southern California School of Medicine, Los Angeles, California

10:15 Audiosurgery of Otosclerosis. Relationship Between the Histology, Microscopic View, and Surgical Technique.

Francisco Antoli-Candela, M.D., Chief of Audiology Service of the National Institute of Medicine, Madrid, Spain

10:30 Discussion.

10:45 Intermission.

11:00 The Anterior Position, Articulated Prosthesis, and Audiometric Guidance in Stapes Surgery.

Victor Goodhill, M.D., Clinical Professor of Surgery (Otology), University of Southern California School of Medicine, Los Angeles, California

11:15 Technique and Experiences with Stapedectomy and Metal Implant.

T. Manford McGee, M.D., Associate Surgeon, Dept. of Otolaryngology, Henry Ford Hospital, Detroit, Michigan

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11:30 Vein Plug Stapedioplasty.
    Claire M. Kos, M.D., Director, Iowa Clinic of Otology, Iowa City, Iowa

11:45 Circumscribed Stapes Surgery in Circumscribed Otosclerosis.
    J. Brown Farrior, M.D., Otologist, Farrior Clinic, Tampa, Florida

12:00 Experiences in the Surgical Management of Otosclerosis.
    Fred R. Guilford, M.D., Associate Professor of Otolaryngology, Baylor University School of Medicine, Houston, Texas

12:15 Discussion.

12:30 Lunch.

SIXTH SESSION: Stapes Surgery and Summarizations.

Chairman: Ion Simson Hall, M.B., ChB., F.R.C.P.E., F.R.C.S.E.
    Surgeon in Charge, ENT Department
    Royal Infirmary of Edinburgh
    Edinburgh, Scotland

2:00 Experiences with Enlarging the Oval Window After Removing the Footplate.
    Hans Heermann, M.D., Chefarzt der HNO-Abtlg., Krupp-Krankenanstalten, Mitglied der "Deutschen Gesellschaft fur Hals-, Nasen-, Ohren", Essen, Germany

2:15 Total Stapedectomy in the Surgical Treatment of Otosclerosis.
    David Myers, M.D., F.A.C.S., F.I.C.S., Professor and Head of the Dept. of Otohinology, Temple University School of Medicine, Philadelphia, Penn.

    Eugene L. Derlacki, M.D., Associate Professor of Otolaryngology, Northwestern University Medical School, Chicago, Illinois

2:45 Stapedectomy, Reconstruction with Vein Graft and Bone Strut.
    F. Zöllner, M.D., Professor and Director, Dept. of Otolaryngology, University of Freiburg, Freiburg, Germany

3:00 Long Term Results in the Fenestration Operation, Comparative Short Term Results in Stapes Mobilization, and Interpositioning Operation.
    Luzius Ruedi, M.D., Professor of Otorhinolaryngology, Director of ENT Clinic, University of Zürich, Zürich, Switzerland
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3:15 General Discussion.

3:30 Intermission.

3:45 Summarization of the Symposium.

John R. Lindsay, M.D., F.A.C.S., Professor and Chairman of Otolaryngology, University of Chicago Medical School and Associated Hospitals, Chicago, Illinois.

4:15 Otosclerosis and Clinical Research.

Gordon D. Hoople, M.D., State University, Upstate Medical Center, Syracuse, New York

4:30 Adjournment of the Symposium.

SPECIAL AWARDS

Dr. William S. Haubrich is the recipient of the Vincent Lyon award of the American Gastroenterological Association in recognition for the best presentation by an associate member of the society at its annual meeting. Dr. Haubrich presented a study of the anatomic changes of Whipple's disease demonstrated by light and electron microscopy.

Dr. Harold F. Schuknecht has the distinguished honor of having been named the recipient of the Achievement Award and $1000 for outstanding research on deafness from the Deafness Research Foundation.