TWENTIETH ANNUAL MEETING

FEBRUARY 1, 2, 3, 1963

PICK CONGRESS HOTEL

CHICAGO, ILLINOIS
SPECIAL EVENTS

Thursday
PREMEETING REGISTRATION AND
SOCIAL HOUR
6:30-8:30 P.M.
Florentine Room

Friday
LADIES LUNCHEON
Washington Room
12:30

Saturday
LUNCHEON WITH LEARNING
12:30-2:00
Avenue West Room

Saturday Evening
COCKTAIL HOUR
6:00 P.M.

BANQUET
7:00 P.M.

All tickets for banquet and luncheons available at Registration desks.
WELCOME

TO THE 20TH ANNUAL MEETING
OF THE AMERICAN ASSOCIATION OF ENDODONTISTS

It is a privilege to extend my warmest greetings to our members and guests. I know that you will find our meeting most rewarding and hope that your visit to Chicago will be a pleasant one.

Within the covers of this program appear the end results of months of planning on the part of our Officers, Committee Chairmen and Committeemen to provide the best of programming. To each of these and to our essayists and clinicians we owe our deep appreciation for sharing their professional knowledge.

Besides the many opportunities to learn, I hope that the good fellowship and the opportunity to meet old friends will make you richer for having been with us.

VINCENT B. MILAS, President

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1943 – 1963
TWENTY YEARS OF PROGRESS AND ADVANCEMENT
THROUGH EDUCATION AND RESEARCH IN THE ART
AND SCIENCE OF ENDODONTICS
Officers of the
AMERICAN ASSOCIATION OF ENDO DONTISTS

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*GEORGE C. SHARP .......... 1951 GLENN R. BROOKS ...... 1961
F. D. OSTRAKER ............ 1952
*Deceased.
FRIDAY MORNING, FEBRUARY 1, 1963

As a tribute to Chicago, the Birthplace of the Association, Today's Essayists will be Chicagoans.

MOTION PICTURES

Florentine Room
8:30-9:00 TISSUE SECTION STUDIES OF THE NERVES TO THE UPPER TEETH
School of Medicine, Loma Linda University.
ENDODONTICS A PHYSIOLOGIC BASIS
Sanford S. Golden, D.D.S.

ESSAY PRESENTATIONS


Florentine Room
9:00-9:30
Subject: THE ENDODONTIST AND PERIAPICAL AREAS OF RAREFACTION
Synopsis: This paper will deal with the determination and diagnosis of the periapical areas of rarefaction ranging from the minor to the extreme cases.

9:30-10:00
Subject: THE ROLE OF RADIOLOGY IN ENDODONTIC PRACTICE
Essayist: Seymour H. Yale, D.D.S., Chicago, Illinois. Administrative Assistant to the Dean, Professor and Head of the Department of Radiology, College of Dentistry, University of Illinois.
Synopsis: The endodontist is interested in producing diagnostic and serially reproducible radiographs using a minimum of radiation. The essayist will discuss the attainment of these three objectives in light of current developments in x-ray equipment, the reevaluation of diagnostic rationale, and the recognition of the problems inherent to radiation control legislation.

10:00-11:00
Subject: THE IMAGE OF THE PULP SPACE IN THE DENTAL X-RAY
Synopsis: Endodontics in modern dentistry is a biologic science as well as a mechanical art. If there are any changes in the form or density of the roentgenographic image of the pulp space, a series of diagnostic aids must be used to determine what local or systemic factors are involved.

11:00-12:00
Subject: BASIC ANESTHESIA FOR PAIN-FREE ENDODONTIC THERAPY
Essayist: Max S. Sadove, M.D., Chicago, Illinois. Professor of Anesthesiology and Head, Division of Anesthesiology, College of Medicine, University of Illinois.
Synopsis: The stimulation occurring during many endodontic procedures is of great intensity. The attainment of adequate anesthesia may, under many circumstances, be difficult. An understanding of the distinction between analgesia and true anesthesia and the factors involved in the attainment of this intense anesthesia will be discussed.
FRIDAY AFTERNOON

Florentine Room
1:45-2:45
Subject: EFFECTIVENESS OF SOME ROOT CANAL MEDICAMENTS
Essayist: ARTHUR N. BAHN, A.B., M.A., Ph.D., Chicago, Illinois. Assistant Professor, Department of Microbiology, Northwestern University.
Synopsis: For the last two years, Drs. Bahn, Gerstein and Heuer have attempted to treat experimental pulpal infections with various root canal medicaments.

2:45-3:45
Subject: TISSUE CHANGES FOLLOWING ENDODONTIC THERAPY
Synopsis: Our endodontic techniques have been developed from research conducted in a number of dental schools and clinics. Proof of the effectiveness of these methods can be found in serial radiographs taken over a period of years.

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1943 — 1963
TWENTY YEARS OF PROGRESS AND ADVANCEMENT THROUGH EDUCATION AND RESEARCH IN THE ART AND SCIENCE OF ENDODONTICS
SATURDAY MORNING, FEBRUARY 2, 1963

MOTION PICTURES

Florentine Room
8:30-9:00  RESEARCH PROFUSION OF A DOG ENDODONTICALLY TREATED
Endodontic Department at Fairleigh Dickinson University School of Dentistry.

PROJECTED CLINICS


Florentine Room
9:00-9:30  HISTOLOGIC AND CLINICAL EVALUATION OF PERIAPICAL LESIONS
Subject:  James W. Bynum, D.D.S., M.S.D., St. Louis, Missouri. Instructor In Oral Pathology, St. Louis University.
Clinician:
Synopsis: Clinical and histopathologic criteria were used to arrive at a diagnosis of Granuloma, Abscess or Cyst, for 250 periapical lesions. A study for the detection of nerve tissue was included.

9:30-10:00  THE MOBILITY OF THE APICAL FORAMEN
Subject:  Milton Siskin, D.D.S., Memphis, Tennessee. Associate Professor, Department of Oral Medicine, University of Tennessee.
Clinician:
Synopsis: The factors which influence the formation and position of the apical foramen and the processes that affect this anatomical structure after the initial completion of apexification are multiple and dynamic. This presentation will review the influences that may affect the location of the apical foramen.
10:00-10:45
Subject: TIME AND MOTION ANALYSIS — WORK SIMPLIFICATION IN ENDO DONTIC PRACTICE
Clinician: SANFORD S. GOLDEN, D.D.S., Los Angeles, California, Assistant Professor, H. F., RED., U.S.C., School of Dentistry.
Synopsis: Human Factors research material applied to endodontics will be presented to include patient education, auxiliary audio-visual aids, procedural methodology in positioned operative technique and auxiliary personnel responsibilities.

10:45-11:30
Subject: ROOT CANAL FILLINGS
Clinician: I. B. BENDER, D.D.S., Philadelphia, Pennsylvania. Associate Professor, Oral Medicine, School of Dentistry and Graduate School of Medicine, University of Pennsylvania.
Synopsis: This paper will present a statistical study of 2335 root canal fillings in which the bacteriologic status was determined immediately prior to filling of root canals. Other variables have also been evaluated to determine their relationship to endodontic failures.

LUNCHEON
Avenue West
11:30-2:00
LUNCHEON WITH LEARNING
DUDLEY H. GLICK, D.D.S., Chairman.
SUNDAY AFTERNOON

PANEL DISCUSSION

Florentine Room
2:00-3:30
Subject: POST-VISIT ENDODONTIC PAIN-CAUSES, MANAGEMENT AND PREVENTION
Moderator: DARL OSTRANDER, A.B., M.S., D.D.S., Ann Arbor, Michigan. Professor of Dentistry (Dental Pharmacology, Therapeutics, and Endodontics), University of Michigan.
Participants: J. HENRY KAISER, B.S., Ph.C., D.D.S., Columbus, Ohio. Professor and Chairman Department of Endodontics, Ohio State University.

HERBERT SCHILDER, B.A., D.D.S., Boston, Massachusetts. Assistant Professor and Head of Endodontia Section, Department of Stomatology, School of Medicine, Boston University.

HARRY BLECHMAN, B.S., M.A., D.D.S., New York, N. Y. Professor and Chairman, Department of Microbiology, New York University College of Dentistry.

3:30 20TH ANNUAL BUSINESS SESSION
Presiding: Dr. VINCENT MILAS, Chicago, Illinois.

BANQUET

Avenue West Room
7:00 20TH ANNUAL BANQUET AND INSTALLATION OF OFFICERS
COCKTAIL HOUR

SATURDAY, FEBRUARY 2
Avenue West Room
6:00 P.M.

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BANQUET
AND
INSTALLATION OF
OFFICERS
7:00 P.M.

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Speaker:
WYATTE F. DeLOACHE
E. I. DuPont de Nemours & Co.

THE MENACE OF THE MISINFORMED
SUNDAY MORNING, FEBRUARY 3, 1963

MOTION PICTURE

Florentine Room
8:30-9:00 INFLAMMATION
LEDERLE LABORATORIES.

PANEL DISCUSSION

Florentine Room
9:00-11:00

Subject: HOW CAN STERILIZATION AND DISINFECTION OF ENDODONTIC INSTRUMENTS AND MATERIALS BE MOST EASILY ACHIEVED?


Participants: MARY CROWLEY, A.B., M.S.P.H., Ann Arbor, Michigan. Professor of Dentistry (Bacteriology), School of Dentistry, University of Michigan.

BERTRAM L. WOLFSOHN, D.D.S., San Francisco, California. Associate Clinical Professor Operative Dentistry (Endodontic Section), College of Physicians and Surgeons, University of California.


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Lincoln Room

Section Chairman: Samuel S. Patterson, D.D.S., Indianapolis, Indiana.

11:00-1:00

CLINICS OF ENDODONTIC INTEREST

Subject: THE SUCCESS OF DIFFICULT ROOT FILLINGS IN MULTIROOTED TEETH AND EXTREMELY CURVED ROOTS AND ACCESSORY CANALS

Clinician: Samuel M. Robbins, D.D.S., Cleveland, Ohio. Chief of Dental Medicine, Doctors Hospital.

Synopsis: These cases are a series of x-rays and Kodachrome slides with follow-ups, showing unusual root canals, accessory canals, and root ends, each telling an endodontic story. A series of re-implanted teeth, and reverse root fillings.

Subject: A HEATLESS STERILIZER FOR HIGH-SPEED HANDPIECES AND SMALL SURGICAL INSTRUMENTS


Synopsis: The instrument to be sterilized is rotated in a flooded ultra violet chamber for a duration of 5, 10, or 15 minutes to achieve sterilization.

Subject: MANAGEMENT OF SOME UNUSUAL ENDODONTIC CASES

Clinician: Nguyen Thanh Nguyen, D.D.S., San Francisco, California. Chairman, Section of Endodontics, University of California, School of Dentistry.

Synopsis: Problems of fractured anteriors, splitting of posterior teeth and some interesting ways of handling broken instruments in canals.
Subject: INTEGRATED ENDODONTIC AND PERIODONTIC THERAPY
Synopsis: The projected procedures will be a demonstration of a horizontal sliding flap, apical curettage of an endodontically treated tooth through the gingival crevice, and the use of the “split flap” technic in the immediate root resection (curettage).

Subject: ELECTIVE REPLANTATION
   DANIEL GOODMAN, D.D.S., Detroit, Michigan. Associate Professor in Endodontics, University of Detroit, School of Dentistry.
Synopsis: Development of a method of maintaining teeth which cannot be treated by conservative non-surgical or surgical methods, due to surgical inaccessibility, blocked canals or refractory infection will be shown.

Subject: CASE HISTORY FORMS, STATIONERY, AND PATIENT EDUCATION IN ENDODONTICS
CLINICS ON BASIC SCIENCE AND RESEARCH

Subject: A STUDY OF PERiapICAL TEMPERATURE OF TEETH UNDERGOING ENDOdONTIC THERAPY
Synopsis: Utilizing a specially designed and fabricated thermometer probe, capable of passing through the root canal and out the apex, varying periapical temperatures of teeth under endodontic therapy have been recorded.

Subject: TISSUE RESPONSES TO ENDOdONTIC MATERIALS
Clinician: Daniel Arefian, D.D.S., Washington, D. C. Assistant Professor, Department of Oral Medicine, Howard University.
James Guttuso, D.D.S., Buffalo, New York, Instructor in Endodontics and Radiodontics, State University of New York, Buffalo.
Synopsis: It is evident that irritating materials are more damaging to periapical tissues than they are beneficial. To evaluate many of the materials commonly used or recently advocated for use in endodontics, specimens of each were introduced into rat connective tissues.

Subject: DO TEMPORARY FILLING MATERIALS REALLY SEAL? (A BACTERIAL STUDY OF SEALING PROPERTIES)
Synopsis: Part two of a broad study to determine the relative efficiency of temporary filling materials as sealing agents under conditions similar to those encountered in the mouth.
Subject: ORGANISM IDENTITY, AND RESISTANCE EVALUATION FOLLOWING TWO SUCCESSIVE POSITIVE CULTURES FROM ROOT CANALS
Synopsis: We are using formula C-4 as the base for testing. Any resistant organisms are subsequently transferred to media-filled tubes treated with minimum reactive amounts of the medicaments compared with C-4.

Subject: ELECTRONIC STERILIZATION OF ROOT CANALS
Clinician: ROBERT A. UCHIN, D.D.S., Fort Lauderdale, Florida. Co-Chairman Endodontic Section, Dade County Dental Research Clinic, Miami, Florida.
Synopsis: Recently a new instrument has been introduced to the profession which has revitalized interest in the process of electro-medication as a means of sterilization of the root canal.

Subject: MICROBIOLOGICAL STUDIES IN ENDOdontics
Clinicians: W. ROBERT BIDDINGTON, D.D.S., Morgantown, West Virginia. Professor and Chairman of the Department of Endodontics, West Virginia University, School of Dentistry.
MALIKO KARKENNY, B.S., Morgantown, West Virginia. Junior dental student at West Virginia University.
Synopsis: The value of multiple culture samples from single canal teeth, a new solution for rubber dam sterilization, the percentage of positive and negative cultures, and the microorganisms isolated, will be discussed.

Subject: A STUDY OF THE USE OF ANTIBIOTIC SENSITIVITY TESTING IN ENDOdontics
Clinicians: MELVIN GOLDMAN, A.B., D.D.S., Worcester, Massachusetts. Assistant Professor in Endodontics, Tufts University, College of Dentistry.
**Synopsis:** All positive cultures (taken at various stages in the treatment) are submitted for antibiotic sensitivity testing and identification. From these statistics we hope to determine the proper antibiotic.

**Subject:** PERIAPICAL TISSUE REACTIONS TO ENDOGENOUS INFECTION

**Clinician:** MICHAEL TAGGER, D.M.D., Jerusalem, Israel. Research Assistant, University of Illinois, College of Dentistry.

**Synopsis:** Histologic analysis of periapical tissue reactions to endogenous infections following pulp exposure was made in rat molars. The pattern of tissue reaction was established and now forms the basis for further experimental use of the rat molar in endodontics.

**EXHIBITS**

*Section Chairman:* SANFORD S. GOLDEN, D.D.S., Los Angeles, California.

**Subject:** ENDODONTIC EDUCATION TELEVISION EXHIBIT


**ADDITIONAL EXHIBITS**

LOMA LINDE UNIVERSITY, SCHOOL OF MEDICINE, DEPARTMENT OF ANATOMY.

JAMES H. SHERARD, Jr., Atlanta, Georgia.
SANFORD S. GOLDEN, D.D.S., Los Angeles, California.
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