

Atlanta

1970

INDEX

	<i>Page</i>
AAE President Warren J. Hedman—"Welcome".....	1
Dr. Harry B. Johnston—Dedication.....	2-3
Officers and Executive Committee.....	4-5
Photographs	6-7
Summary of Program	
Thursday	8
Friday	8-9
Saturday	9-10
Sunday	11
Entertainment and Special Events.....	12
Program Details	
Friday	13 thru 19
Luncheon with Learning.....	15 thru 17
Saturday	20 thru 26
Edgar D. Coolidge Memorial Luncheon.....	22
Sunday	27-28
Audio-Visual	29
Scientific Exhibits	30
Commercial Exhibits.....	30
Committee Appointments.....	31 thru 35
Floor Plan of Meeting Area.....	36

Twenty-Seventh Annual Meeting of the American Association of Endodontists

APRIL 9, 10, 11, 12, 1970
MARRIOTT MOTOR HOTEL

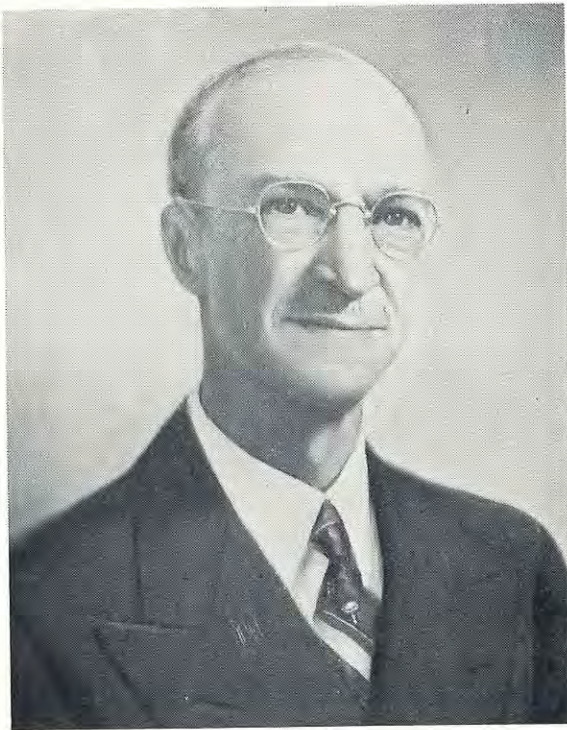


Welcome to the Twenty-Seventh Annual Meeting of the American Association of Endodontists. Our Program Committee has prepared an outstanding program designed to keep you well informed and current in all phases of Endodontics.

Organizing a meeting such as this one is a tremendous undertaking and requires the composite talents and skills of many men. Our Local Arrangements Committee has done everything in its power to make this meeting a most informative, productive and enjoyable time for each of us.

I wish to thank all of those who have labored in planning and producing this program. I also wish to thank the membership of the American Association of Endodontists who have all contributed to making this another great one for Endodontics.

Warren J. Hedman, *President*



HARRY B. JOHNSTON, D.D.S.

March 3, 1880 — July 15, 1953

*In Whose Honor and Memory
This
Twenty-Seventh Annual Meeting
Of
The American Association of Endodontists
Is
Respectfully Dedicated*

DR. HARRY B. JOHNSTON

It is most appropriate that this meeting be dedicated to Dr. Harry B. Johnston, one of the great men in endodontics who gave so much of himself, his talents, and creative skills to preserve and maintain man's natural dentition. He was, in his day, the only limited practitioner of endodontics in the entire world. The first biologic research to prove that endodontics was a scientifically accepted therapy demonstrated that his method of treatment was superior to any being practiced throughout the world.

Dr. Johnston was born in Blackburg, Virginia on March 3, 1880. At the age of twelve he moved with his family to Atlanta, Georgia.

During his early working years Dr. Johnston was in the newspaper field being associated with the *Birmingham News*, *The Atlanta Georgian* and the *Montgomery Alabama Advertiser*.

At the age of thirty-three and already a family man married to Katherine Hurt Akers of Atlanta, he matriculated as a freshman at the Atlanta Dental College. Dr. Johnston was an outstanding student leading his class while working for his tuition at the college. He was president and valedictorian of his class of 1916 and earned the award of the Gold Key of Excellency. From the day he entered college, Mrs. Johnston tells us, he was consumed with the desire to find a better way of treating pulpless teeth.

Upon graduation, Dr. Johnston became associated with Dr. Thomas P. Hinman, under his encouragement Dr. Johnston directed his talent and energy toward research aimed at more successful treatment of root canal therapy. He discovered that the use of iodine in conjunction with ionization proved most successful in the control of infection in root canals. This technic won for him world wide recognition.

In 1925 he was awarded the Hinman Research Medal by the Georgia Dental Society. He served as editor of the Georgia Dental Society and was elected its president in 1937 and he was an honorary member of the Academy of International Dentists.

Mrs. Johnston wrote in her diary, "In February 1943 a happy day dawned for Harry. At the meeting of the Chicago Dental Society a group met to organize an association for the study of root canal therapy. Committees were appointed to elect officers and draw up a constitution and to decide on a name. Three names were suggested, 'Root Surgeons,' 'Rootodontists' and 'Endodontists.' The last was Harry's suggestion which was accepted. Since 1929 he had been using 'Endodontia Exclusively' on his office stationery. He refused to accept the presidency but consented to serve as vice-president."

Dr. Johnston continued his activities in the area of endodontics as a lecturer and educator. He was also very active in the American Association of Endodontics until his death on July 15, 1953. He was survived by his widow, a son and three daughters.

OFFICERS

WARREN J. HEDMAN	<i>President</i>
JOHN F. BUCHER	<i>President Elect</i>
DUDLEY H. GLICK	<i>Vice President</i>
ROBERT A. UCHIN	<i>Secretary</i>
CHARLES A. SCOTT, JR.	<i>Treasurer</i>
I. B. BENDER	<i>Scientific Editor</i>

HISTORIAN

VINCENT B. MILAS

EXECUTIVE COMMITTEE

1972

ORREN A. BOLT

WORTH B. GREGORY

CALVIN T. TORNECK

1971

MICHAEL A. HEUER

RICHARD M. MOODNIK

JULIAN L. KELLY

1970

HARRY BLECHMAN

CLIFFORD AMES

NGUYEN T. NGUYEN

SAMUEL S. PATTERSON

Immediate Past President

AMERICAN BOARD OF ENDODONTICS

GEORGE G. STEWART, *Chairman*

ALFRED L. FRANK

JOHN DOWSON, *Secretary*

HARRY J. HEALEY

M. B. AUERBACH

SAMUEL SELTZER

JAMES W. BYNUM

ROBERT J. SHANKLE

BERTRAM L. WOLFSOHN

PAST PRESIDENTS

*W. CLYDE DAVIS	1943
RALPH F. SOMMER	1944
ROBERT G. KESEL	1945
*E. G. VAN VALEY	1946
MAYNARD K. HINE	1947
LOUIS I. GROSSMAN	1948
*ELMER A. JASPER	1949
*RAYMOND L. GIRARDOT	1950
*GEORGE G. SHARP	1951
F. D. OSTRANDER	1952
L. A. LUCAS	1953
N. WEIR BURKMAN	1954
HARRY J. HEALEY	1955
JOHN R. PEAR	1956
GEORGE C. HARE	1957
GEORGE G. STEWART	1958
J. HENRY KAISER	1959
PAUL P. SHERWOOD	1960
GLENN R. BROOKS	1961
VINCENT B. MILAS	1962
JAMES H. SHERARD, JR.	1963
J. B. FREEDLAND	1964
HENRY S. SCHMIDT	1965
JOHN I. INGLE	1966
EDWIN C. VAN VALEY	1967
SAMUEL S. PATTERSON	1968

HONORARY MEMBERS

MARY C. CROWLEY	B. NYGAARD OSTBY
SIR E. WILFRED FISH	RALPH F. SOMMER
WALTER HESS	HAROLD STANLEY
*EDGAR D. COOLIDGE	MAYNARD K. HINE

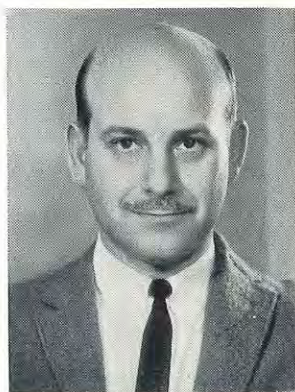
LIFE MEMBERS

A. FLOYD ANDERSON	BENJAMIN W. MEIMAN
JOHN D. BARAB	H. H. PEARSON
O. C. HIGH	JOHN R. PHARR
SAUL LEVY	S. M. RAFISH
GEORGE W. LORENZ	PERCY J. ROSS
A. A. PAPERMASTER	D. G. SIMMONS

*Deceased



WARREN J. HEDMAN
President



DUDLEY H. GLICK
Vice President



CHARLES A. SCOTT, JR.
Treasurer, Program



ROBERT A. UCHIN
Secretary



I. B. BENDER
Scientific Editor



JOHN F. BUCHER
President Elect



JULIAN L. KELLY, JR.
Local Arrangements

Summary of Program --- 1970

TWENTY-SEVENTH ANNUAL MEETING AMERICAN ASSOCIATION OF ENDODONTISTS

Atlanta, Georgia

April 9-12, 1970

THURSDAY, APRIL 9th

- 9:00- 5:00—EXECUTIVE COMMITTEE MEETING—Tara 5
- 12:00 Noon—Executive Committee Luncheon—Tara 4
- 9:00- 5:00—ENDODONTIC RESEARCH SEMINAR—Plantation
- 12:00 Noon—Endodontic Research Luncheon—Ballroom S
- 1:00- 5:00 P.M.—REGISTRATION—Lobby Booth
Chairman: Dr. George Israel, Decatur, Ga.
- 6:00- 8:00 P.M.—A.A.E. FELLOWSHIP RECEPTION—Ballroom N
All A.A.E. members and guests

FRIDAY, APRIL 10th

- 7:15 A.M.—NEW MEMBER ORIENTATION BREAKFAST—Tara
1 and 2
Chairman: Dr. Irving Naidorf, New York, N. Y.
- 8:30- 5:00—Registration—Lobby Booth
- 9:00-12:00—AUDIO VISUAL (Continuous showing)—Whitehall
Chairman: Dr. Noah Chivian, W. Orange, N. J.
- 9:00- 5:00—SCIENTIFIC & COMMERCIAL EXHIBITS—Hall of
Nations
Chairmen: Dr. Robert Uchin and Dr. James Tate

- 8:30- 8:50—Movie: "Work Simplification in Endodontics"—Ballroom N
Dr. Philip Levin, Stamford, Conn.
- 8:50- 9:00 A.M.—OPENING CEREMONIES—Ballroom N
Captain Warren J. Hedman, President
- 9:00-12:00—SCIENTIFIC SESSION—Ballroom N
Session Chairman: Dr. I. B. Bender, Philadelphia, Pa.
- 9:00-10:00—SYSTEMIC CONSIDERATIONS IN ENDODONTICS
Essayist: Malcolm A. Lynch, D.D.S., M.D.,
Philadelphia, Pa.
- 10:00-10:45—SOME PHYSIOLOGICAL ASPECTS OF PERIAPICAL LESION
Essayist: H. Wayne Mohorn, D.D.S., Ann Arbor, Mich.
- 10:45-12:00—BONE PHYSIOLOGY
Essayist: Lent C. Johnson, M.D., Washington, D.C.
- 12:15 P.M.—LUNCHEON WITH LEARNING—Plantation and Ballrooms C and S
Chairman: Dr. Alvin A. Krakow, Brookline, Mass.
- 2:00- 5:00 P.M.—PROJECTED CLINICS (Clinical)—Tara 3 and 5
Chairman: Capt. Worth Gregory, Norfolk, Va.
Moderator: Dr. James Bynum, St. Louis, Mo.
Moderator: Capt. Worth Gregory
- 2:00- 5:00 P.M.—PROJECTED CLINICS (Research)—Tara 4
Chairman: Dr. Raymond G. Luebke, New Orleans, La.

SATURDAY, APRIL 11th

- 7:30- 8:30 A.M.—Meet the Board Breakfast—Tara 5
- 8:30-12:00—AUDIO VISUAL (Continuous Showing)—Whitehall
- 8:30- 5:00—Registration Lobby Booth
- 9:00- 5:00—SCIENTIFIC & COMMERCIAL EXHIBITS—Hall of Nations

- 8:30- 9:00—Movie, "Blood Flow in Dental Pulp"—Ballroom N
Dr. H. J. Van Hassel, Seattle, Wash.
- 9:00-12:00—SCIENTIFIC SESSION—Ballroom N
Session Chairman: Dr. Walter T. Colquitt, Shreveport, La.
- 9:00- 9:45—ENDODONTIC STABILIZERS AND BLADE IM-
PLANTS
Essayist: Leonard Linkow, D.D.S., New York, N.Y.
- 9:45-10:45—ENDODONTIC FAILURES
Essayist: Dudley H. Glick, D.D.S., Beverly Hills, Cal.
- 10:45-12:00—PULP/DENTIN STRUCTURE AND REACTIONS—
Essayist: Ivar A. Mjor, B.D.S., M.S.D., M.S., Oslo, Norway
- 12:15 P.M.—EDGAR D. COOLIDGE MEMORIAL LECTURE—Ball-
rooms S & C—Honoring HARRY B. JOHNSTON, SR.
Chairman: Dr. James A. Sherard, Atlanta, Ga.
Lecturer: Jacob B. Freedland, D.D.S., Charlotte, N. C.
- 2:00- 4:00 P.M.—TABLE CLINICS—Tara 1 and 2
Chairman: Dr. Leo Grudin, Beverly Hills, Cal.
- 2:00- 4:00 P.M.—PANEL ON APEXIFICATION AND PEDO-
ENDODONTICS—Ballroom N
Moderator: J. Henry Kaiser, D.D.S., Columbus, Ohio
Panel Members:
Joe H. Camp, D.D.S., M.S.D., Chapel Hill, N. C.
Gerald Cathey, D.D.S., M.S.D., Chapel Hill, N. C.
H. J. Van Hassel, D.D.S., M.S.D., Ph.H., Seattle, Wash.
- 4:00 P.M.—A.A.E. BUSINESS SESSION—Ballroom N
Capt. Warren J. Hedman, President
- 6:00 P.M.—RECEPTION—Ballroom N
Host: Southern Endodontic Study Group
- 7:00 P.M.—DINNER DANCE
Chairman: Dr. Julian L. Kelly, Jr., Atlanta, Georgia

SUNDAY, APRIL 12th

8:00-12:00—SCIENTIFIC and COMMERCIAL EXHIBITS—Hall of Nations

8:30-12:00—Registration—Lobby Booth

8:00-12:00—SCIENTIFIC SESSION—Ballroom N
Session Chairman: Dr. Herbert Schilder, Boston, Mass.

8:00- 9:00 A.M.—BUFFET BREAKFAST—Ballroom N

9:00 A.M.—COLOR TELEVISION, FEATURING:

ENDODONTIC IMPLANTS

Alfred L. Frank, D.D.S., Los Angeles, Cal.

HOMOGENOUS DENTAL TRANSPLANTS

Milton Siskin, D.D.S., Memphis, Tenn.

12:00- 3:00—Executive Committee Meeting—Tara 5

Entertainment and Special Events

THURSDAY, APRIL 9th **Endodontic Research Seminar**

Plantation Room 9:00 A.M. - 5:00 P.M.

Informal Tea

For the Ladies

Mrs. E. J. Webb's Suite 2:00 - 4:00 P.M.

A.A.E. Fellowship Reception

Ballroom N 6:00 - 8:00 P.M.

FRIDAY, APRIL 10th **New Member Breakfast**

Tara 1 & 2 7:15 A.M.

Grand Tour of Atlanta

For the Ladies

Buses—Lower Level of Marriott 9:15 A.M.

SATURDAY, APRIL 11th **Meet the Board Breakfast**

Tara 5 7:30 P.M.

Buffet Brunch

For the Ladies

Tara 4 & 5 10:30 A.M.

Pre-Banquet Reception

Ballroom N 6:00 P.M.

Dinner Dance

Balroom N 7:00 P.M.

Program Details

FRIDAY MORNING, APRIL 10th

Ballroom N

8:30 - 8:50

Movie

Work Simplification in Endodontics

Dr. Philip Levin, Stamford, Conn.

OPENING CEREMONIES

Greetings from our President

Capt. Warren J. Hedman

SCIENTIFIC SESSION

9:00 - 12:00

Session Chairman:

Dr. I. B. Bender, Philadelphia, Pa.

9:00 - 10:00

Systemic Considerations in Endodontics

Essayist: Malcolm A. Lynch, A.B., D.D.S., M.D.

Synopsis: Two areas will be covered: Systemic diseases most likely to alter the routine of endodontic therapy and systemic antibiotic therapy by the endodontist.

Biographical Sketch:

Dr. Lynch is Assistant Professor of Oral Medicine at the University of Pennsylvania School of Dental Medicine and Assistant Professor of Internal Medicine at the University of Pennsylvania School of Medicine. He also serves as an attending physician at the Student Health Service in the Hospital of the University of Pennsylvania. After receiving his bachelor's degree at the University of Chattanooga and his D.D.S. at the University of Tennessee, he served for three years as a general dentist in the U.S. Navy. Dr. Lynch then received his M.D. from Washington University at St. Louis and interned in Internal Medicine at Grady Memorial Hospital of Emory University in Atlanta. He was the recipient of a fellowship in Oral Medicine which was served at the Philadelphia General Hospital. He is the author of several textbook chapters and research papers dealing primarily with the inter-relationship of oral and systemic disease.

- 1) Alveolar & Septal Heart disease
2) Hypertension
3) P. on osseous (antibiotic = tetracycline)
4) Diabetes mellitus
5) Angina
- 13

FRIDAY, APRIL 10

10:00 - 10:45

Some Physiological Aspects of the Periapical Lesion

Essayist: Harold Wayne Mohorn, A.B., D.D.S., M.S.

Synopsis: A study of pressures exerted by periapical lesions (1) immediately after a vital pulp extirpation, (2) after lesions have formed (3 to 6 weeks later) and (3) when the animals possess excess body fluid. The findings will be related to clinical problems.

Biographical Sketch:

Dr. Mohorn received an A.B. in Chemistry from the University of North Carolina in 1958; a D.D.S. from the University of North Carolina in 1964, and a M.S. in Endodontics from the University of Michigan in 1968. He is presently Assistant Professor, Dept. of Endodontics at the University of Michigan where his research interests are: pressures exerted during inflammation and Homo-transplantation.

Dr. Mohorn is a Diplomate of the American Board of Endodontics.

10:45 - 12:00

Bone Physiology

Essayist: Lent C. Johnson, B.S., M.D.

Synopsis: Discuss the basic principles of bone remodeling and the interplay between the factors that modify the structure of bone in adaptation to functional needs.

Biographical Sketch:

Dr. Johnson received a B.S. at the University of Chicago 1931; M.D. University of Chicago 1936; followed by surgical internship at the University of Chicago (under Dallas Phemister), and two years of internal medicine on the Harvard Service at Boston City Hospital (under Soma Weiss); pathology internship, Worcester City Hospital; subsequently resident in pathology at various Harvard Medical School hospitals (under Shields Warren, Arthur Hertig, Sidney Farber); entered military service in 1942 (Army) for four and one-half years during World War II. Since 1946 he has been with the Armed Forces Institute of Pathology in charge of Orthopedic (Musculoskeletal) Pathology.

dyes - pH
indicates → calcium } permeability
studies are
suspect.

Luncheon With Learning

FRIDAY, APRIL 10th

12:15 - 2:00

Plantation and Ball Room C & S

Chairman: Dr. Alvin A. Krakow, Brookline, Mass.

1. Irving I. Abramson
The Value of Hemisection in Endodontic Treatment.
2. I. B. Bender
Fallability of Roentgenograms.
3. E. James Best
"Gutta percha—Cool it, Man."
4. Harry Blechman
Microbial Considerations in Endodontic Practice.
5. Joseph H. Camp
Histologic Evidence of Apical Closure in Immature Apices Following Endodontic Treatment.
6. Neal W. Chilton
The Problem of Root Caries.
7. Gerald C. Dietz
Organization of Practice for Maximum Efficiency.
8. John Dowson
Apexification of Incompletely Developed Roots.
9. Harold Epstein
Case Presentation.
10. George Feldman
Handling Perforations of Chamber Floor.
11. Julius Fox
Incidence of Pain Following One-Visit Endodontics Without Surgery.
12. Harold Gerstein
Clinical Hints to Reduce Surgical Problems.
13. Melvin Goldman
Endodontic Drugs—Local and Systemic.
14. Daniel B. Green
Microbiologic Aspects of Endodontics.

15. Leo Grudin
Clinical Results of the Diffusion Technique.
16. Morton Guttenberg
A Non-Reverting Bleaching Procedure.
17. James Guttuso
Teaching Undergraduate Students.
18. Raymond L. Hayes
Types of Periapical Lesions.
19. J. H. Kaiser
The use of Chrome-Cobalt Alloy in Endodontics.
20. Peter Kapsimalis
Electrosurgical Root Exposure Prior to Endodontic Treatment.
21. Jack Landsberg
Treatment of Resorptions.
22. Harold Levin
Access Cavities—How Large Should They Be?
23. Philip A. Levin
Work Simplification in Endodontics.
24. Samuel Luks
Can the Pulp Survive Present Day Dentistry?
25. Richard M. Madden
Radiation: Biological Action, Dosage, Protection.
26. Charles Maurice
The Management of Clinical Problems and Complications in Endodontic Practice.
27. Harold Maxmen
Unpublished Aids to Vexing Problems in Endodontics.
28. Andrew Michanowicz
Root fractures.
29. John Michanowicz
Surgical Endodontic Failures.
30. Ivar A. Mjor
Dentine Permeability.
31. Philip Molloy
Restoring Endodontically Treated Teeth.
32. Richard Moodnik
Partnerships—Marriage or Mistress.
33. Irving J. Naidorf
The Unusual in Endodontic Diagnosis.

34. Nguyen T. Nguyen
Systematic Management of Broken Instruments in Endodontics.
35. Seymour Oliet
Endodontic Practice Administration.
36. Samuel S. Patterson
Tube Drainage for Large Radiolucencies.
37. Marshall Peikoff
The Demonstration and Treatment of Accessory Canals.
38. I. N. Quartararo
Retreatment.
39. Sam Rossman
The Role of Dentine in Endodontics.
40. Samuel Seltzer
Periodontal-Endodontic Relationships.
41. R. J. Shankle
Replantation and Reimplantation.
42. Abe Sheingorn
Optional Surgical Procedures in Endodontics.
43. Milton Siskin
Impact Wounds to the Periodontium and the Endodontist.
44. Walter Soltanoff
Oral-Facial Pain—A Discussion of Its Dental and Non-Dental Origin.
45. Samuel Turkenkopf
New Concepts in Endodontics: Acceptance or Challenge.
46. H. J. Van Hassel
Pulpal Vitality and Control of Pulp Blood Flow.
47. Edwin C. Van Valey
The Use of Snap Fasteners (Gerber's) on Retained Roots for Bridge and Denture Stabilization.
48. Gerald Wernick
Endodontic Failures and Their Retreatment.
49. Bertram Wolfsohn
The Patient "Work-up" Procedure for All Endodontic Case Histories.
50. Bernard J. Zeldow
Manipulating the Sharply Curved Canal.

FRIDAY, APRIL 10th

2:00 - 5:00

PROJECTED CLINICS (CLINICAL)

Chairman: Captain Worth Gregory, Norfolk, Va.

Moderator: Dr. James Bynum Tara ~~3~~

- 2:00 P.M. "Case Presentation"
Dr. James F. Claypool — Akron, Ohio
- 2:20 P.M. "Pre-Operative Evaluation"
Dr. Maurice Friedman — Little Rock, Arkansas
- 2:40 P.M. "Confirmation of Charges Form"
Dr. William Clem — Chicago, Illinois
- 3:00 P.M. "How to Avoid the Waste of Time Billing Patients by Mail"
Dr. Bernard E. Metrick — Brooklyn, New York
- 3:20 P.M. "Packs and Canisters"
Dr. Harold Goldban — New York, New York
- 3:40 P.M. "Utilization of Office Personnel"
Dr. Arnold S. Feldman — Baltimore, Maryland
- 4:00 P.M. "Custom Designed Endodontic Mobile Cabinet"
Dr. Stewart B. Fountain — Chapel Hill, North Carolina
- 4:20 P.M. "Modified Conventional Dental Units and Cabinets for Happy Endodontics"

Dr. Manuel I. Weisman — Augusta, Georgia

Moderator: Captain Worth Gregory Tara 4

- 2:00 P.M. "Patient Education"
Dr. Richard C. Burns — San Mateo, California
- 2:20 P.M. "Factors in Referral Practice Analysis Determining Appointment Scheduling"
Dr. Joel L. Dunsky — Brookline, Massachusetts
- 2:40 P.M. "Preventive Accounting"
Dr. Howard Martin — Silver Spring, Maryland
- 3:00 P.M. "New Instruments"
Dr. J. B. Caufield — San Bernadino, California
- 3:20 P.M. "Endodontic Kits for Efficiency"
Dr. Benjamin Sedelezky — Montreal, Canada
- 3:40 P.M. "Effective Use of Chairside Assistants"
Dr. Gerald C. Dietz — Birmingham, Michigan
- 4:00 P.M. "Operating Room Design and Equipment"
Dr. George A. Zurkow — Wilmington, Delaware
- 4:20 P.M. "Internal Splinting"
Dr. Adrian J. Sampeck — Dallas, Texas
- 4:40 P.M. "Radiographic Investigation of the Mesiobuccal Root of the Maxillary First Molar"
Dr. Franklin Pineda — Mexico City, Mexico

FRIDAY, APRIL 10th

2:00 - 5:00

PROJECTED CLINICS (RESEARCH)

Tara 4

Chairman: Dr. Raymond G. Luebke, New Orleans, La.

- 2:00 P.M. *"Tissue Responses at the Site of a Treated Pulp Chamber Perforation"*
Dr. Stephen F. Schwartz, University of Texas, Houston, Texas
- 2:15 P.M. *"The Sterilization of the Dental Handpiece and Endodontic Files by Means of Gaseous Ethylene Oxide"*
Dr. Ben L. Tyber, University of Illinois, Chicago, Ill.
- 2:30 P.M. *"Root End Completion"*
Dr. John Dylewski, University of Michigan, Ann Arbor, Michigan
- 2:45 P.M. *"The Determination of the Moisture Content of Vital and Pulpless Teeth"*
Dr. Allen R. Helfer, Boston University, Boston, Mass.
- 3:00 P.M. *"Effectiveness of the Vertical Method of Filling Root Canals with Warm Gutta Percha"*
Dr. Richard Masucci, State University of N.Y., Buffalo, N.Y.
- 3:15 P.M. *"A Comparative Study of Important Physical Properties of Various Root Canal Sealers"*
Dr. B. H. Wiener, Boston University, Boston, Mass.
- 3:30 P.M. *"A Chemical Analysis of the Chealating Capacity of EDTAC"*
Dr. Bruce Seidberg, Boston University, Boston, Mass.
- 3:45 P.M. *"The Incidence and Identity of Micro-organisms Present in Root Canals at the Time of Filling"*
Dr. John W. Myers, Ohio State University, Columbus, Ohio
- 4:00 P.M. *"Histologic Correlation of Pulp Changes with Carious Lesions of Progressively Increasing Depth"*
Dr. Marshall Peikoff, Boston University, Boston, Mass.
- 4:15 P.M. *"The Effect of Local Anesthetics on Pulp Tissue Pressure"*
Dr. Gerald W. Harrington, University of Washington, Seattle, Washington
- 4:30 P.M. *"A Study of Human Dentinal Fluid"*
Dr. Carol Coffey, University of Iowa, Iowa City, Iowa
- 4:45 P.M. *"A Method for the Identification of A.B.O. Blood Groups From Human Teeth"*
Dr. Rafael Ramirez-Brunet, University of Iowa, Iowa City, Iowa

SATURDAY, APRIL 11th

8:30 - 9:00

Ballroom N

Movie

Blood Flow in Dental Pulp

Dr. H. J. Van Hassel, Seattle, Wash.

9:00 - 12:00

SCIENTIFIC SESSION

Session Chairman:

Dr. Walter T. Colquitt, Shreveport, La.

9:00 - 9:45

Endodontic Stabilizers and Blade Implants

Essayist: Leonard I. Linkow, B.S., D.D.S.

Synopsis: The value of endodontic stabilizers placed into the bone beyond the apices of loosened fractured or reimplanted teeth and intraosseous blade type implants as abutments will be discussed.

Biographical Sketch:

Dr. Linkow received his B.S. from Long Island University in 1948 and his D.D.S. from New York University in 1952. He is a Fellow of the Academy of General Dentistry, a member of the American Academy of Implant Dentistry and Past President and Founder of the Institute for Endosseous Implants.

Dr. Linkow has given numerous post graduate courses on endodontic stabilizers and implants and has written numerous articles on the theories and techniques of oral implantology.

9:45 - 10:45

Endodontic Failures

Essayist: Dudley H. Glick, B.S., D.D.S.

Synopsis: This presentation will include the cause, determination and correction of certain recurrent endodontic failures.

Biographical Sketch:

Dr. Glick was graduated in 1953 from the University of Southern California, School of Dentistry. He served as Assistant Chairman,

*Maurice J.
10 Am*

SATURDAY, APRIL 11th

Dept. of Endodontics, University of Southern California 1954-1965. He was Chief Endodontic Consultant to the Veterans Administration 1960-67 and at present is serving as Clinical Professor, University of Southern California, School of Dentistry and Post Graduate Departments. Dr. Glick was President of the California Academy of Endodontists in 1960, President of Los Angeles Alpha Omega Dental Fraternity 1960-61, Program Chairman of the American Association of Endodontists 1964. He served as Treasurer of American Association of Endodontists for three years and is presently Vice-President.

Dr. Glick is a Fellow of the American College of Dentists and a Diplomate of the American Board of Endodontics. He has given numerous Post Graduate courses across the United States, in South America, Mexico, Hawaii and France. He has appeared on countless programs on endodontics or head pain and written various articles on related subjects.

10:45 - 12:00

Pulp Dentin Structure and Reactions

Essayist: Ivar A. Mjor, B.D.S., M.S.D., M.S., Dr. odont.

Synopsis: Detailed studies of both the pulp and the dentine are considered necessary for the best possible understanding of the biologic aspects of many clinical procedures.

Biographical Sketch:

Dr. Mjor was graduated with a B.D.S. degree with commendation from Dundee Dental School, University of St. Andrews, Scotland in 1957. He received his M.S.D. degree (Pedodontics) in 1960 and an M.S. degree (Anatomy) in 1961 from the University of Alabama. In 1967 he received his doctorate of odontology at the University of Oslo. He served as a lieutenant in the Dental Corps of the Royal Norwegian Army and a Research Fellow in the Norwegian Institute of Dental Research. In 1961 he was appointed to the Dental Faculty in the Department for General Research at the University of Oslo. Dr. Mjor is presently Acting Chairman of the Dental Faculty in the Department of Anatomy at the University of Oslo.

His publications consist of a Doctorate and two Master's theses. He is author or co-author of approximately thirty-five publications in scientific journals.

SATURDAY, APRIL 11th

12:15 - 2:00

EDGAR D. COOLIDGE MEMORIAL LECTURE

Honoring

Harry B. Johnston, Sr.

Ballroom C & S

Chairman: Dr. James A. Sherard, Atlanta, Ga.

"The Changing Scene"

Lecturer: Jacob B. Freedland, D.D.S.

Biographical Sketch:

Dr. Jacob Freedland of Charlotte, North Carolina received his B.A. degree from the University of North Carolina and his D.D.S. from Emory University, School of Dentistry. He is a member of Omicron Kappa Upsilon, a Fellow of the American Association of Endodontists, the International College of Dentists and a Diplomate of the American Board of Endodontics. He serves as consultant or lecturer to various professionally related organizations and is on the Editorial Board of the Journal of Oral Surgery, Oral Medicine, and Oral Pathology.

Dr. Freedland has received a number of awards for meritorious service to dentistry, the most recent of which was the Thomas P. Hinman Appreciation Award in 1969. He has served as President of the Charlotte Dental Society, North Carolina Second District Dental Society and the American Association of Endodontists; Chairman of the Charlotte Dental Study Club, and the Southern Endodontic Study Group.

Dr. Freedland conceived the idea of the American Association of Endodontists Endowment and Memorial Foundation and is now serving as its first Chairman. He has contributed to numerous professional publications and has participated in programs before professional groups throughout the United States, Western Europe, the Middle East, the Orient and Latin America.

SATURDAY, APRIL 11th

2:00 - 4:00

TABLE CLINICS

Tara 1 and 2

Chairman: Dr. Leo Grudin, Beverly Hills, Calif.

"Endodontic Patient Education"

E. Wm. Hicks, D.D.S., Evansville, Indiana

"Pro and Con, Reimplantation"

Howard I. Blum, D.D.S., Westbury, New York

"A Procedure for Apical Amalgam"

Bernard E. Metrick, D.D.S., Brooklyn, New York

"Rubber Dam Helpful Hints"

Gilbert H. Crussol, D.D.S., Paris, France

"Preprinted Aids in an Endodontic Practice"

Anthony E. Dietz, D.D.S., Birmingham, Michigan

John J. Dylewski, D.D.S., Birmingham, Michigan

"Electric Root Canal Measuring Apparatus"

Katsuei Mori, Tokoyo, Japan

"A Simple Technique for Bleaching Teeth With Sodium Perborate"

William D. Powell, D.D.S., Memphis, Tennessee

Gerald F. Billions, D.D.S., Memphis, Tennessee

* * * * *

"Roentgenographic Interpretations of Experimentally Produced Bony Lesions"

Stephen Schwartz, D.D.S., University of Texas

"Endodontic Wound Healing"

Robert L. Rubel, D.D.S., Columbia University

"Maximum Alveolar Bone Retention"

Raleigh R. Cummings, D.D.S., Loma Linda University

"Difficulties Encountered in Endodontic Implants"

Manuel M. Tissura, D.D.S., University of Iowa

"Warm Gutta Percha Technique in Anterior Teeth"

Joseph Williams, D.D.S., Boston University

"Molar Endodontic Surgical Procedures"

Franklin G. Kasman, D.D.S., Tufts University

"The Culture in Endodontic Therapy—When and Why"

Franklin L. Graziano, D.D.S., University of New York, Buffalo

SATURDAY, APRIL 11th

2:00 - 4:00

Ballroom N

Panel on Apexification and Pedo-Endodontics

Moderator: J. Henry Kaiser, Ph.C., B.S., D.D.S.

Synopsis: The historical background on apexification will be covered presenting illustrations of early cases and the various biological technics used in the treatment of these cases.

Biographical Sketch:

Dr. Kaiser received his Ph.C. (Pharmaceutical Chemist) from Western Reserve University in 1925; his B.S. (Pharmacy) in 1926 and his D.D.S. in 1934 from Ohio State University. From 1944 until 1962 at Ohio State University he served as Associate Professor, Chairman of both the Dept. of Pharmacology and the Dept. of Endodontics. At present Dr. Kaiser is Professor Emeritus of Ohio State University.

Dr. Kaiser has been outstanding in the field of research. Among other things, he originated the cobalt-chromium alloy metal implants to replace fractured roots of anterior teeth and a biological method of closing wide apices of pulpless teeth in young patients.

His practice has been limited to Endodontics since 1945 and he has conducted numerous postgraduate courses in Endodontics in the U.S. and Canada. He is both a past Editor and a Past President of the American Association of Endodontics.

Dr. Kaiser is a member of Omicron Kappa Upsilon, a Fellow of the American College of Dentists, a Fellow of the Academy Internationale Dentistry and a Diplomate of the American Board of Endodontics.

Panelist: Joe H. Camp, A.B., D.D.S., M.S.D.

Synopsis: Indication and counterindication for indirect pulp therapy, pulp capping, pulpotomy, and pulpectomy on the primary teeth will be presented. Current techniques will be illustrated by a lecture-slide demonstration.

Biographical Sketch:

Dr. Camp received the D.D.S. degree from the University of North Carolina in 1964 and the M.S.D. degree in Pedodontics from Indiana

University in 1968. Dr. Camp was an instructor in the Department of Endodontics at U.N.C. prior to entering graduate school. He was on the faculty at the University of Louisville and is currently assistant professor of Pedodontics at the University of North Carolina. Dr. Camp belongs to several professional societies and is a member of Omicron Kappa Upsilon.

Panelist: Gerald M. Cathey

Synopsis: The current techniques and filling materials utilized to induce continued apical root development in pulpless teeth with incompletely formed apices (apexification) will be presented by slide-lecture demonstration.

Biographical Sketch:

Dr. Cathey received his B.S. from Davidson College in 1957, his DDS from The University of North Carolina in 1961 and M.S.D. and certificate in Endodontics from The University of Washington in 1966. He is Associate Professor, Department of Endodontics, University of North Carolina. He is also a member of several professional and scientific organizations, member of Omicron Kappa Upsilon and a Diplomat of The American Board of Endodontics.

Panelist: Henry J. Van Hassel, D.D.S., M.S.D., Ph.D.

Synopsis: Results of a four-year clinical follow-up study of root apexification cases treated in Seattle and preliminary findings from our research on the technique in rhesus monkeys will be discussed.

Biographical Sketch:

Dr. Van Hassel received his B.A. degree at Maryville College in 1954, his D.D.S. at the University of Maryland in 1963. He was an Intern at the USPHS Hospital, Seattle in 1964 and Staff dentist, USPHS Hospital in Boston 1965. Dr. Van Hassel received his M.S.D. in Endodontics in 1967 and his Ph.D. in Physiology and Biophysics in 1969 from the University of Washington.

He presently holds the positions of Assistant Professor Departments of Physiology and Biophysics and of Endodontics and Research Affiliate, Regional Primate Research Center of University of Washington; Associate Chief of Dental Service for Research, USPHS Hospital in Seattle.

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SATURDAY, APRIL 11th

4:00 - 5:00

BUSINESS SESSION

Ballroom N

6:00 - 7:00

COCKTAILS

Hosts

SOUTHERN ENDODONTIC STUDY GROUP

DINNER AT SEVEN

DANCING TO TWELVE

to Music of

AXTELL AND HIS BAND

Entertainment

THE DISMEMBERED TENNESSEANS

SUNDAY, APRIL 12th

Ballroom N

8:00 - 12:00

SCIENTIFIC SESSION

Session Chairman

Dr. Herbert Schilder, Boston, Mass.

8:00 - 9:00

BUFFET BREAKFAST

9:00 - 12:00

COLOR TELEVISION, FEATURING

Endodontic Implants

Essayist: Alfred L. Frank, D.D.S.

Synopsis: The Endodontic Implant will be discussed and demonstrated on a lower anterior tooth integrating the procedure with sound Endodontic principles. Consideration of its indications and contra-indications to avoid its promiscuous use will be presented.

Biographical Sketch:

Dr. Frank received his D.D.S. from the University of Southern California and is presently Clinical Professor of Endodontics in the School of Dentistry at University of Southern California. He is a Past President of Southern California Academy of Endodontics, and Past President of Los Angeles Chapter of Alpha Omega. Dr. Frank is a Diplomate of the American Board of Endodontics, a member of the Board of Examiners of the American Board of Endodontics, a Fellow of the International College of Dentists and a Fellow of the American College of Dentists.

SUNDAY, APRIL 12th

Homogenous Dental Transplant

Essayist: Milton Siskin, D.D.S.

Synopsis: This presentation is designed to demonstrate a method for selecting a tooth from a human tooth bank and then planting this tooth into a recipient site. The entire procedure will be performed at one sitting and will include each step from case selection to cementation of the retaining splint.

Biographical Sketch:

Dr. Milton Siskin of Memphis, Tennessee received his B.A. and D.D.S. degrees from the University of Tennessee. He is at present Professor and Head of the Department of Oral Medicine in the University of Tennessee, College of Dentistry. Dr. Siskin is a Fellow of the American College of Dentists, the International College of Dentists, the American Academy of Oral Pathology, the American Association of Endodontists, and the American Association for the Advancement of Science. He is a member of Omicron Kappa Upsilon. He is a Diplomate of the American Board of Oral Medicine and a Diplomate and Member of the American Board of Endodontics.

Dr. Siskin was awarded a Thomas P. Hinman Medallion in 1966. He serves as Endodontic Consultant to the Tennessee State Board of Dental Examiners, the Central Office of the Veterans Administration, and the Council on Drugs of the American Medical Association.

Dr. Siskin is a member of eighteen professional dental societies. He has published numerous scientific papers and has contributed to many textbooks. He is on the editorial staff for five professional publications, including the assistant editorship for the Journal of Dental Medicine.

AUDIO-VISUAL — Whitehall

Chairman: Dr. Noah Chivian, West Orange, New Jersey

Friday, April 10th

- 8:50 "*Endodontics Rx*"
Richard M. Madden, D.D.S., M.S., University of Iowa
- 9:20 "*Endodontic Instruments — A Research Report*"
Seymour Oliet, D.D.S.; Solomon Sorin, B.S., M.A.,
University of Pennsylvania
- 9:40 "*Surgical Endodontics*"
Louis Glatt, D.D.S., Fairleigh Dickinson University
- 10:10 "*Non-Surgical Endodontics*"
Herbert Schilder, D.D.S., Boston University
- 10:55 "*One Sitting Endodontics*"
L. Irving Epstein, D.D.S., University of Buffalo
- 11:25 "*Pulpectomy and Root Canal Obliteration by Lateral Condensation*"
G. C. Hare, D.D.S., University of Toronto
- 12:00 "*Single Concept Teaching Films*"
William Loran, University of the Pacific

Saturday, April 11th

- 9:00 "*Surgical Endodontics*"
Louis Glass, D.D.S., Fairleigh Dickinson University
- 9:30 "*One Sitting Endodontics*"
L. Irving Epstein, D.D.S., University of Buffalo
- 10:00 "*Pulpectomy and Root Canal Obliteration by Lateral Condensation*"
G. C. Hare, D.D.S., University of Toronto
- 10:38 "*Endodontic Rx*"
Richard Madden, D.D.S., M.S., University of Iowa
- 11:08 "*Endodontic Instruments — A Research Report*"
Seymour Oliet, D.D.S.; Solomon Sorin, B.S., M.A.,
University of Pennsylvania
- 11:30 "*Molar Endodontics*"
George Stewart, D.D.S., University of Pennsylvania

SCIENTIFIC EXHIBITS — Hall of Nations

Chairman: Dr. Robert Uchin, Ft. Lauderdale, Fla.

DR. HARRY B. JOHNSTON'S ORIGINAL RESEARCH IN ENDO-DONTICS

Compiled by Dr. Bertram L. Wolfsohn, San Francisco, California
(To be presented to Emory University as a permanent exhibit)

A MODIFIED METHOD FOR ENDODONTIC RADIOGRAPHY

Donald McGinty, D.D.S. Roland Porterfield, D.D.S.
Benjamin Rives, D.D.S. Adeeb E. Thomas, D.D.S.

Endodontic Department, University of Alabama, School of
Dentistry, Birmingham, Alabama

A MODERN ENDODONTIC TECHNIQUE COURSE

T. Mullaney, D.D.S. H. Blair, D.D.S.
R. Duell, D.D.S.

Endodontic Department, University of Kentucky, College of
Dentistry, Lexington, Kentucky

SYSTEMIC CONSIDERATIONS IN ENDODONTIC THERAPY

B. W. Brown, D.D.S. P. C. Lehman, D.D.S.

Endodontic Department, University of North Carolina, School
of Dentistry, Chapel Hill, North Carolina

COMMUNICATION IN ENDODONTICS

Southern Endodontic Study Group
Compiled by M. I. Weisman, D.D.S.

COMMERCIAL EXHIBITS

Hall of Nations

Chairman: Dr. James S. Tate, Atlanta, Ga.

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American Association of Endodontists

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