

*ENDODONTIC HERITAGE:
GENERATIONS OF PROGRESS*

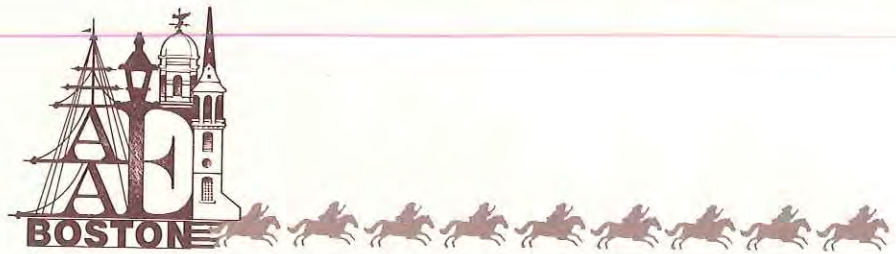
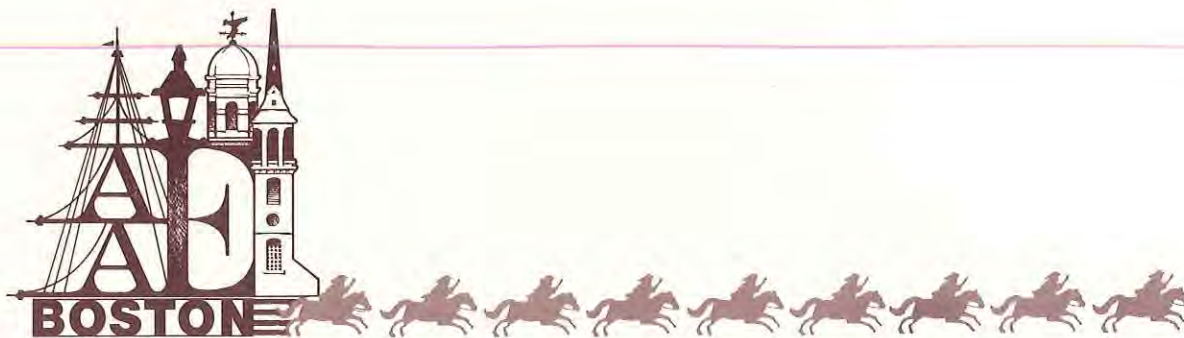


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*American Association of Endodontists
43rd Annual Session
April 16-20, 1986
Boston, Massachusetts*



PRESIDENT'S MESSAGE

Welcome to Boston and to the 43rd Annual Session of the American Association of Endodontists! A great meeting, a great city, and a great experience are in store for you in this historic birthplace of the American Revolution.

Boston and the Massachusetts Bay Colony played critical roles both in Colonial America and in the birth and development of our country. From your hotel you can walk to Paul Revere's house, to Bunker Hill, and to the magnificent monument that marks the defeat, retreat, and final evacuation of the British from this region. A short ride in the countryside takes you to Lexington and Concord where on April 19, 1775, was "fired the shot heard 'round the world," which started the first national democratic reform movement a decade before the French Revolution. Don't fail to stroll one morning to the North End to see the Old North Church, from whose tower lanterns were lit as a signal to Paul Revere and the Minute Men (311 years ago this week) that the British were marching to Concord.

The meeting, Endodontic Heritage: Generations of Progress, prepared for you by the tireless team of Terry Hayes, General Chairman, and Ed Osetek, Program Chairman, parallels the history of the region you are visiting. Just as Boston has progressed into a modern international center for world trade, banking, and finance and to preeminence in education, medicine, and high-technology, Terry and Ed, with the Program Committee, have put together a program that covers the breadth of the specialty from its basics to the state of the art in endodontic teaching and technique. The Scientific Sessions have been arranged around important themes and include in-depth review as well as panel discussions by a glittering array of teachers and clinicians. The Business Sessions, the Limited Attendance Seminars, the Research Seminars, Table Clinics and Poster Clinics, the AAE Auxiliary programs, special events, and tours were arranged with equal care to make your visit an exciting and memorable one.

Special thanks must be given to Peter Morgan and the Local Arrangements Committee who have worked long and well to insure your comfort during the meeting.

And most importantly, Irma Kudo, our Executive Director, and her staff must be publicly acknowledged for outdoing themselves in providing the support without which the meeting would be impossible.

If I sound excited — it is because I am! It is rare that the Annual Session takes place in the city where the President resides. To those who have come from near and far across this country, and to our distinguished overseas guests, I wish you all a truly memorable experience during your time here.

Herbert Schilder, DDS
President

AMERICAN ASSOCIATION OF ENDODONTISTS

EXECUTIVE COMMITTEE



Herbert Schilder
President



Michael A. Heuer
President-elect



Charles J. Cunningham
Vice-president



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Stephen F. Schwartz
Immediate Past-
President



Irma S. Kudo
Executive Director

BOARD OF DIRECTORS

1986

Nguyen T. Nguyen
Milton Siskin
Herbert F. Spasser

1987

Myron Chubin
M. Lamar Hicks
Eric J. Hovland

1988

Ralph Bellizzi
Roger T. Czarnecki
James C. McGraw





WELCOME

Welcome! The Annual Session Program Committee is delighted to welcome you to beautiful and historic Boston and urges you to take advantage of the many attractions of the city.

The program for this 43rd Annual Session has been specifically designed to update our understanding of fundamental endodontic concepts while at the same time elevating our appreciation of our endodontic history and heritage, which contributed so greatly to our state-of-the-art status.

In addition to the scientific sessions of clinical interest, this year's program includes the Research Seminars as well as sessions on personal well-being.

The social events promise to be most enjoyable and memorable.

The Local Arrangements Committee has done an outstanding job of assuring that you will have a great time if you participate.

Please be certain to visit our technical exhibitors, who continue to provide support for our annual sessions.

The Annual Session Committee wishes to extend its heartfelt thanks to Irma Kudo and her outstanding staff, especially to Letty Catrambone, who attended to the many details that are crucial to the success of our program. We also wish to thank President Herbert Schilder and General Chairman Terry Hayes for their support and guidance.

Finally, a special thanks to our spouses and families for their patience and sacrifice during the nearly two years that it took to bring this program to fruition.

Edward M. Osetek, DDS, MA
Program Chairman

ANNUAL SESSION COMMITTEE



Terrence W. Hayes
General Chairman



Edward M. Osetek
Program Chairman

Program

Continuing Education	James L. Gutmann
Limited Attendance Seminars	Frank Casanova
Research Seminars	Syngcuk Kim
Table Clinics/Poster Clinics	Seymour Melnick
Printed Program	Irma S. Kudo

General Arrangements

Local Committee Chairman	Peter A. Morgan
Audio-Visual	Joseph I. Tenca
.	William Masheter
Banquets & Meals	Robert F. Sheehan
Hospitality	Harold J. Levin
Monitors	Shepard S. Goldstein
Registration	Joseph J. Williams
Signs	Philip J. Molloy
Sports	Robert L. Kittredge
Technical Exhibits	Letty Catrambone
AAE Auxiliary Chairperson	Lesley Mehlman



The statements and opinions expressed at the Annual Session are solely those of the individual speakers. Those statements and opinions do not reflect any endorsement by the American Association of Endodontists.



GENERAL INFORMATION

The Sheraton-Boston Hotel is the headquarters hotel for the 43rd Annual Session.

AAE Headquarters — Exeter Room

The Headquarters will be staffed by members of the Central Office — Laura Cancilla, Letty Catrambone, Sandy DiRocco, and Elizabeth Peralta — and by members of the Annual Session Committee. Office hours are 8 am - 6 pm Wednesday through Friday and 8 am - 5 pm on Saturday.

General Registration — Constitution Foyer

Wednesday, April 16: 11 am - 8 pm
Thursday, April 17: 8 am - 6 pm
Friday, April 18: 8 am - 5 pm

Registration fees include the following:

- AAE MEMBERS (after March 3)
 - \$200 includes all scientific sessions, Welcome/Fellowship Reception, one full breakfast (Thursday), two luncheons (Friday and Saturday), three continental breakfasts, and one ticket to the Saturday evening Dinner Dance
- AAE ASSOCIATE MEMBERS
 - \$250 same as above
- AAE STUDENT MEMBERS
 - \$75 all scientific sessions, Welcome/Fellowship Reception
- NON-MEMBER PROFESSIONALS
 - \$225 all scientific sessions
- NON-MEMBER STUDENTS
 - \$75 all scientific sessions
- DENTAL AUXILIARIES
 - \$55 all scientific sessions
- SPOUSES
 - \$55 Welcome Fellowship Reception; use of hospitality suite

Exhibits — Exhibit Hall

Because exhibitors help to defray some of the cost of the Annual Session, we encourage you to stop by the exhibits and place your order in Boston. Continental Breakfast will be served in the Exhibit Hall on Friday and Saturday mornings. Complimentary coffee service will be provided on Thursday and Friday, 10:30 am-12 Noon and at 2:30 pm-4:00 pm in the exhibit area.

Exhibit hours are:

Thursday, April 17: 10 am - 6 pm
Friday, April 18: 8 am - 5 pm
Saturday, April 19: 8 am - Noon

Limited Attendance Seminars

Tickets reserved in advance are included in each individual's registration packet. To register for an open Seminar or to exchange tickets, inquire at the special desk located in the AAE registration area.

Cassette Tape Recordings

American Audio Association will record many of the sessions presented. The cassette tapes are available for purchase at the American Audio booth located in the Republic Foyer.

Speaker Ready Room

Program participants are urged to review their audio visual material in the Speaker Ready Room (Liberty F) prior to their presentation to avoid possible problems that may occur.

Saturday Dinner Dance

Your table selection for the "Essence of Elegance," our Saturday dinner dance, must be made as soon as possible before 5 pm on Thursday by exchanging your voucher for a banquet ticket at the AAE registration desk. If you wish to have a group seating, you must present a voucher for each person in your group in order to reserve the space. No exceptions will be made.

Continuing Education Credit.

American Dental Association — Individuals who participate in the ADA registry program will receive continuing education credits as follows:

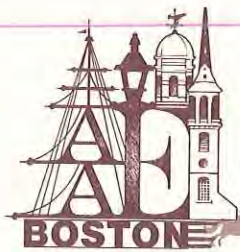
- 5 credits for general attendance at the annual session. This includes attendance at table clinics and/or exhibits.
- Hour-for-hour credit for attendance at a scientific presentation of at least one hour's duration. This must be of a scientific or a clinical nature.

California Board of Dental Examiners — For California members the maximum total number of hours approved for the annual session is 39 in Category I and 10 in Category II. Business Sessions I, II and IV are considered to be outside the scope of continuing education approval.

Academy of General Dentistry — All course forms may be validated at the AAE headquarters office.

Smoking

For the comfort of others, no smoking is permitted in the meeting rooms.



PROGRAM



MONDAY, APRIL 14

8:00 am- **ABE BOARD OF DIRECTORS MEETING**
6:00 pm Dalton Room

11:00 am- **REGISTRATION**
8:00 pm Constitution Foyer



TUESDAY, APRIL 15

8:00 am- **E & M FOUNDATION TRUSTEES MEETING**
5:00 pm Gardner Room

8:00 am- **ABE ORAL EXAMS**
6:00 pm Beacon A, B, C, H

CONTINUING EDUCATION COURSE

(Pre-registration required)
Republic Room

A critical assessment of the biological rationale for modern endodontic practice
Moderators: JAMES L. GUTMANN, DDS, Dallas
JOHN B. HOLCOMB, DDS, Richmond



WEDNESDAY, APRIL 16

8:00 am- **AAE BOARD OF DIRECTORS MEETING**
5:00 pm Gardner Room

8:00 am- **ABE ORAL EXAMS**
6:00 pm Beacon A, B, C, H

8:30 am Welcome

8:45 am *The carious process and its pulpal sequelae: is it really all that simple?*
MAURY MASSLER, DDS, MS, DSC, Tufts University

9:30 am *Conserving the dental pulp: can it be done? is it worth it?*
HAROLD R. STANLEY, DDS, MS, University of Florida

10:15 am Coffee Break — Independence Room

10:30 am *Endo-perio — or is it perio-endo? A classic diagnostic perplexity*
I. B. BENDER, DDS, Albert Einstein Medical Center

11:15 am *Periradicular pathology: what's been going on at the apex all these years?*
MAHMOUD TORABINEJAD, DMD, MSD, Loma Linda University

12 Noon Luncheon — Independence Room

1:15 pm *The proverbial "endodontic flare-up": just how far have we come?*
SAMUEL SELTZER, DDS, Temple University

2:00 pm *The hollow tube theory: why do we really fill the root canal?*
CALVIN D. TORNECK, DDS, MS, University of Toronto

2:45 pm Coffee Break — Independence Room

3:00 pm *Termination of root canal fillings: what is the correct formula for vital and non-vital pulps?*
KAARE LANGELAND, DDS, PhD, University of Connecticut Health Center

3:45 pm *One-visit endo: the past, present, and future — no problem!*
SEYMOUR OLIET, DDS, University of Pennsylvania

4:30 pm Panel Discussion

7:30 pm- **WELCOME/FELLOWSHIP RECEPTION**
9:30 pm Grand Ballroom



IMPORTANT NOTICE

Be sure to exchange your voucher by 5:00 pm Thursday to reserve a seat for the Essence of Elegance Black & White Ball dinner dance on Saturday. Your cooperation will be appreciated as **we cannot extend this deadline.**



**BADGES MUST BE WORN
AT ALL OFFICIAL AAE FUNCTIONS**





THURSDAY MORNING, APRIL 17

8:00 am- **REGISTRATION**
6:00 pm Constitution Foyer

8:00 am- **OPENING SESSION BREAKFAST**
10:00 am (By ticket only)
Grand Ballroom

KEYNOTE: HERBERT SCHILDER, DDS
President, AAE

10:00 am- **EXHIBITS**
6:00 pm Exhibit Hall/Lower level

BUSINESS SESSION I
Independence Room
Moderator: CHARLES J. CUNNINGHAM, DDS,
Lexington

10:30 am- *Professional trade-off: choice, commitment*
12:30 pm *and conflict*
(For members and spouses)
BARRIE S. GREIFF, MD, Cambridge, MA

Few professionals would attempt to manage their finances without a personal financial plan and skilled help, yet seldom do they apply the same care in developing a personal life plan. For the past twenty years, Dr. Greiff has been helping professionals and spouses to balance the competing personal, work, and family spheres of their lives. Through guided self-analysis you will learn to step back from these issues, gain an understanding of how they affect you, weigh the implications of your own personality, and begin to take control through a Personal Action Plan.

SCIENTIFIC SESSION I
Republic Room
Moderator: JAMES W. BYNUM, DDS, MSD,
St. Louis

10:30 am- *Cleansing and shaping of the root canal*
12 Noon *system*
RICHARD E. WALTON, DMD, MS, Iowa City
Panelists: John I. Ingle, DDS, MSD, Palm Springs;
Howard Martin, DMD, Silver Spring; Herbert
Schilder, DDS, Boston; Franklin S. Weine, DDS,
MSD, Chicago

Cleaning and shaping is probably the most critical phase of root canal treatment. Unfortunately, both clearing and shaping are attempted simultaneously and with the same instruments and chemicals. Perhaps the design of these instruments and the types of chemicals used compromise the clinician's ability to accomplish either task effectively. A unique concept, endodontic ultrasonics, promises technical and biological advances, yet many questions remain unanswered.

RESEARCH SEMINARS I
Constitution Room
Moderator: MELVIN GOLDMAN, DDS, Boston

GRADUATE SECTION

10:30 am *Efficacy of three commonly used anesthetics in human IAN block*
STEWART A. HINKLEY*, DDS, MS; ALFRED W. READER, DDS, MS; F. MICHAEL BECK, DDS, MA; WILLIAM J. MEYERS, DMD, MEd; Ohio State University

10:45 am *Efficacy of lidocaine hydrocarbonate in human IAN block*
MICHAEL A. CHANEY*, DDS; ALFRED W. READER, DDS, MS; F. MICHAEL BECK, DDS, MA; WILLIAM J. MEYERS, DMD, MEd; Ohio State University

11:00 am *Comparison of inferior alveolar nerve stimulation and substance P infusion on pulpal blood flow*
MIN-TSAI LIU*, BDS; JUTTA DORSCHER-KIM, BA; SYNGCUK KIM, DDS, PhD; Columbia University

11:15 am *Neurotoxicity of root canal medicaments*
DOUGLAS J. SCHIPPERS*, DDS; ROBERT L. ELLISON, DDS, MSc; JOHN F. CORCORAN, DDS, MS; ROBERT M. BRADLEY, MSD, PhD; University of Michigan

11:30 am *Calcium hydroxide stimulates bone mineralization in cultured chick tibiae*
HEBERTO M. SALGUEIRO*, DMD; WARREN K. RAMP, PhD; PHILIP DELIVANIS, DDS; DANIEL B. GREEN, DDS; University of Louisville

11:45 am *Effects of CW-CO₂ laser energy on canal-wall dentin*
DOUGLAS N. DEDERICH*, DDS, MSc; KENNETH L. ZAKARIASEN, DDS, MS, PhD; JOHN TULIP, BSc, PhD; University of Alberta

12 Noon *Blood serum immunology study of patients with acute alveolar abscesses*
YAELE E. FAITLOWICZ-GAYER*, DDS; ALAN J. NEVINS, DDS; MARIANNE FRIER, PhD, MD; JEROME J. CYMERMAN, DMD; STEVEN P. LEVINE, DMD; Nassau County Medical Center

12:15 pm *Langerhans cells in apical periodontal cysts: an immunohistochemical study*
JAMES G. CONTOS*, DDS; JOHN F. CORCORAN, DDS, MS; SANDRA A. L. LA TURNO, DDS, MS; DANIEL J. CHIEGO, JR., MS, PhD; JOSEPH A. REGEZI, DDS, MS; University of Michigan

*Presenter



PROGRAM (continued)



THURSDAY AFTERNOON, APRIL 17

12:30 pm-
1:30 pm **LUNCHEON**
On your own

SCIENTIFIC SESSION II

Republic Room

Moderator: CALVIN D. TORNECK, DDS, MS, Toronto

1:45 pm-
3:15 pm *Endodontic medicaments and irrigants*
JOHN W. HARRISON, DMD, MS, Dallas
Panelists: Walter T. Cunningham, DDS, MS, MA, Annapolis, F. James Marshall, DMD, MS, Lake Oswego, OR; Larz S. Spangberg, DDS, PhD, Farmington, CT; George G. Stewart, DDS, Philadelphia

Endodontists are continuing their never-ending search for the ideal chemical agents that may be used in endodontic therapy as irrigants and as intracanal medicaments. This presentation focuses on the scientific evidence resulting from modern research and offers considerations for the practitioner in selecting the chemical agents of choice.

2:00 pm-
4:00 pm **LIMITED ATTENDANCE SEMINARS**
(Pre-registration required)

- LAS 1 Liberty A**
Close endodontic encounters of all kinds
DUDLEY H. GLICK, DDS, Beverly Hills
- LAS 2 Liberty B**
New methods and materials for obturation
ALVIN A. KRAKOW, DDS, Boston
- LAS 3 Liberty C**
What's new with calcium hydroxide
RAYMOND T. WEBBER, DDS, MS, Gainesville, FL
- LAS 4 Liberty D**
Perio-endo lesions: a diagnostic dilemma
GARY R. HARTWELL, DDS, MS, Evans, GA
- LAS 5 Liberty E**
Endodontic burnout
RICHARD C. BURNS, DDS, San Mateo, CA
- LAS 6 Liberty G**
Endodontics: conventional and surgical solutions
CLIFFORD J. RUDDLE, DDS, Santa Barbara

RESEARCH SEMINARS II

Constitution Room

Moderator: MAHMOUD TORABINEJAD, DMD, MSD, Loma Linda

- 2:00 pm *Intradental axons*
G. REX HOLLAND*, BDS, PhD, University of Alberta
- 2:15 pm *The incidence of postoperative pain in endodontic therapy*
HANS GENET*, DDS; PAUL R. WESSELINK, DDS; S. K. THODEN VAN VELZEN, DDS; Academic Centre for Dentistry, Amsterdam
- 2:30 pm *Factors determining the incidence of postoperative pain in endodontic therapy*
PAUL R. WESSELINK*, DDS; HANS GENET, DDS; S. K. THODEN VAN VELZEN, DDS; Academic Centre for Dentistry, Amsterdam
- 2:45 pm *The effect of the smeared layer on microleakage of prepared teeth*
MELVIN GOLDMAN*, DDS; WERAWAT SATAYANURUG, DDS; ERIKO SAKURAI-FUSE, DDS; Tufts University
- 3:00 pm *Electrochemical evaluation of four different root canal sealers for microleakage*
GREGORY C. HAASCH*, DDS; TENNYSON J. LOMMEL, DDS, MS; HAROLD GERSTEIN, DDS; MICHAEL RYAN, MS, PhD; Marquette University
- 3:15 pm *An evaluation of coronal microleakage in endodontically treated teeth*
SANDRA MADISON*, DDS, MS and KIMBERLY SWANSON, BS; University of Iowa
- 3:30 pm *Leakage of root fillings using sealers based on calcium hydroxide*
T. R. PITT-FORD*, BDS, PhD, UMDS; Guys Hospital, London
- 3:45 pm *Apical leakage associated with lased and unlased apical plugs*
KENNETH L. ZAKARIASEN*, DDS, MS, PhD; MICHAEL McMURRAY; S. PATTERSON; DOUGLAS N. DEDERICH, DDS, MSc; JOHN TULIP, BSc, PhD; University of Alberta

*Presenter



BUSINESS SESSION II

Independence Room
Moderator: CHARLES J. CUNNINGHAM, DDS,
Lexington

2:00 pm- 5:00 pm *The impact of tax reform proposals and new tax legislation on the practitioner*
(For members and spouses)
P. MICHAEL DAVIS, PhD, JD, LL.M, Lexington, KY

A look at current proposals for reforming the Federal Income Tax system with a view toward their impact upon the professional. Business and personal tax planning will be discussed, and the effects of recent legislation will be considered.

SCIENTIFIC SESSION III

Republic Room
Moderator: HARRY BLECHMAN, DDS, MA, New York

3:30 pm- 5:00 pm *Microbiological considerations in endodontics*
CHARLES B. SABISTON, JR., DDS, PhD, Iowa City
Panelists: Gunnar Bergenholtz, DDS, PhD, Chapel Hill; Michael B. Griffee, DDS, MSD, South Bend, IN; Robert J. Matusow, DMD, MS, Concord, MA; Samuel Seltzer, DDS, Philadelphia

A consideration of taxonomic problems in the critical interpretation of bacteriological data as a preface to a review of the literature on dentalpyogenic infections. The critical nature of the review will focus on the question "What do microbiological studies mean to endodontic practice?"

4:30 pm- 5:30 pm **AADS Section Meeting**
Constitution Room



MEETING OF STATE ENDODONTIC AFFILIATES

is scheduled on Friday, 2:00-5:00 pm, in Beacon Room A.



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NEED A BREAK?

Visit the Technical Exhibits. Complimentary coffee service will be provided in the Exhibit Area (Exhibit Hall) on Thursday and Friday, 10:30 am-noon and 2:30 pm-4:00 pm.



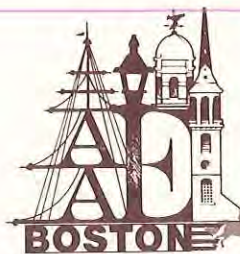
CASSETTE TAPES OF SCIENTIFIC SESSIONS

are available from American Audio Association in the Republic Foyer.



NO SMOKING

For the comfort of others, no smoking is permitted in the meeting rooms.



PROGRAM (continued)



FRIDAY MORNING, APRIL 18

5:45 am **FUN RUN**
(Pre-registration required. Participants will depart from main entrance of Sheraton-Boston Hotel)

8:00 am-
6:00 pm **REGISTRATION**
Constitution Foyer

8:00 am-
8:45 am **CONTINENTAL BREAKFAST**
(By ticket only)
Exhibit Hall

8:00 am-
5:00 pm **EXHIBITS**
Exhibit Hall/Lower level

SCIENTIFIC SESSION IV

Republic Room
Moderator: MICHAEL A. HEUER, DDS, MS,
Chicago

9:00 am-
10:30 am *Root canal filling materials*
ROBERT J. ROSENBERG, DDS, DScD, Greenbrae, CA
Panelists: Melvin Goldman, DDS, Boston; Carl W. Newton, DDS, MSD Indianapolis; Seymour Oliet, DDS, Philadelphia; Marshall D. Peikoff, DMD, MScD, Winnipeg

A discussion of the properties of currently used root canal filling materials, such as gutta-percha and root canal sealers, that render them clinically useful. Also discussed will be limitations of these materials and areas where improvement is needed — either in currently used materials or in guidelines for the development of new materials.

9:00 am-
11:00 am **LIMITED ATTENDANCE SEMINARS**
(Pre-registration required)

LAS 7 Liberty A
A complete review of the endodontic lesion
ALAN J. NEVINS, DDS, East Meadow, NY

LAS 8 Liberty B
Periodontal considerations in endodontic surgery
PAUL MICHAELIDES, DDS, MScD, Fresno, CA

LAS 9 Liberty C
"Bacteria busters" — a clinical update on efficient office organization and instrument sterilization
ROBERT E. AVERBACH, DDS, Denver

LAS 10 Liberty D
Retreatment of endodontic failures
BRUCE H. SEIDBERG, DDS, MScD, Syracuse, NY

LAS 11 Liberty E
Correlation of histopathologic and radiographic features of radiolucent and radiopaque periapical lesions
EDMUND CATALDO, DDS, MS, Boston

LAS 12 Liberty G
Current concepts in the management of orofacial odontogenic infections
ANTHONY D. GOODMAN, DDS, MScD, Los Angeles

BUSINESS SESSION III

Independence Room
Moderator: DONALD D. ANTRIM, DDS, MS, MA,
Bethesda

9:00 am-
12 Noon *Treating substance abuse patients*
(For members and spouses)
HERBERT R. HEDGE, DDS, Ottumwa, IA

This scientific discussion of alcoholism/addiction will focus upon the early, middle and late disease stages. Awareness and communication are essential to properly handle active and arrested addiction in the daily endodontic practice. Improper medication threatens the lives of recovering patients and legal and ethical ramifications demand awareness. Also included will be an overview of the professional addiction problem.

COMPUTER LECTURE

Commonwealth Room
Moderator: CARL L. TINKELMAN, DMD
Philadelphia

9:00 am-
12 Noon *Automated endodontics*
GERALD C. DIETZ, DDS, MS, Birmingham, MI

This lecture is designed to explore the possibilities and explain the benefits of an automated endodontic office. Background information on choosing a computer and software package will also be presented.



RESEARCH SEMINARS III

Constitution Room

Moderator: RICHARD E. WALTON, DMD, MS
Iowa City

GRADUATE SECTION

- 9:00 am *In vivo solubility of calcium hydroxide-containing root canal sealers*
MICHAEL D. FLAX*, DDS; FREDERIC BARNETT, DMD; LEIF TRONSTAD, DMD, PhD; University of Pennsylvania
- 9:15 am *Bacteriologic status of the root canal after disinfection with a quaternary ammonium compound in a controlled release delivery system*
DANIEL R. KRESHTOOL*, DDS; FREDERIC BARNETT, DMD; MARTIN TROPE, BDS; LEIF TRONSTAD, DMD, PhD; University of Pennsylvania
- 9:30 am *Tissue response to a quaternary ammonium compound in a controlled release vehicle*
WANDA GORDON*, DMD; FREDERIC BARNETT, DMD; MARTIN TROPE, BDS; LEIF TRONSTAD, DMD, PhD; University of Pennsylvania
- 9:45 am *In vitro study comparing marginal leakage of different ZOE mixes*
DENNIS J. ZENT*, DDS, MSD; MARJORIE SWARTZ, MS; CARL W. NEWTON, DDS, MSD; MICHAEL COCHRAN, DDS, MSD; KENNETH J. SPOLNIK, DDS, MSD; SUSAN ZUNT, DDS, MSD; Indiana University
- 10:00 am *A spectrophotometric analysis of dentinal leakage in the resected root*
WESLEY R. ICHESCO*, DDS; ROBERT L. ELLISON, DDS MSc; JOHN F. CORCORAN, DDS, MS; DANIEL R. KRAUSE, MS; University of Michigan
- 10:15 am *Optimum placement of electrode in pulp testing the anterior teeth*
SARA FONSECA-CELENZA*, DDS; MICHAEL A. LANDAU, DMD; I. B. BENDER, DDS; Albert Einstein Medical Center
- 10:30 am *Irrigation patterns of ultrasonic diamond-coated files*
RANDALL J. JOHNSON*, DDS; KEITH V. KRELL, DDS, MS, MA; University of Iowa
- 10:45 am *Efficacy of the step-back versus a step-back/ultrasonic technique*
RAYMOND LEV*, DDS, MS; ALFRED W. READER, DDS, MS; F. MICHAEL BECK, DDS, MA; WILLIAM J. MEYERS, DMD, MEd; RUDY MELFI, DDS, PhD; Ohio State University
- 11:00 am *In vitro toxicity of cavity varnish*
DAVID J. PARKINS*, BDS; JOHN W. HARRISON, DMD, MS; JOHN M. COTMORE, DMD, Baylor College of Dentistry
- 11:15 am *Rat connective tissue response to RC-2B and RC-2B without corticosteroid*
KENNETH C. DENARDO*, DMD, MSD; CARL W. NEWTON, DDS, MSD; SAMUEL S PATTERSON, DDS, MSD; ABDEL EL-KAFRAWY, DDS, PhD; LAWRENCE GOLDBLATT, DDS, MSD; SIMON KATZ, DDS, PhD; Indiana University
- 11:30 am *Preoperative use of ibuprofen to prevent postoperative endodontic pain*
TIMOTHY M. GABE*, DMD; MELVIN GOLDMAN, DDS; WILLIAM TOLSON, DDS; ERNEST CLARK, PhD, Tufts University
- 11:45 am *Non-steroidal drug: effect of prophylactic administration on post-treatment pain*
DARLENE C. MELTON*, BA; KAREN BAKER, MS, PhD; RICHARD E. WALTON, DMD, MS; University of Iowa

SCIENTIFIC SESSION V

Republic Room

Moderator: ALVIN A. KRAKOW, DDS, Boston

- 10:30 am-12 Noon *Root canal filling techniques*
NOAH CHIVIAN, DDS, West Orange, NJ
Panelists: Roger T. Czarnecki, DDS, Buffalo; M. Lamar Hicks, DDS, MS, Rockville, MD; Milton Siskin, DDS, Memphis; Robert A. Uchin, DDS, Fort Lauderdale

Sealing the canal system is the culmination of the treatment sequence that is required for successful root canal therapy. What are the materials and techniques used to accomplish this goal? A survey of the graduate endodontic programs in North America provided the answers and is the basis for this presentation.

*Presenter



PROGRAM (continued)



FRIDAY AFTERNOON, APRIL 18

LUNCHEON

12 Noon-
1:45 pm (By ticket only)
Grand Ballroom

Speaker: DR. WESLEY RANDALL, FDS, RCS
Professor and Chairman
Dept. of Conservative Dental Surgery
Guy's Hospital Dental School, London
Consultant to Nat'l. Institute of Health

SCIENTIFIC SESSION VI

Republic Room

Moderator: STEPHEN F. SCHWARTZ, DDS, MS,
Houston

1:45 pm-
3:15 pm *Restoration of endodontically treated teeth*
DAVID J. BARABAN, DMD, Boston

Panelists: William E. Bernier, DDS, MA, Falls
Church, VA; Alfred L. Frank, DDS, Los Angeles;
Bruce J. Kramper, DDS, MS, Schaumburg, IL;
Herbert F. Spasser, DDS, New York

The increasing number of teeth being saved by endodontists has created an increase in the need for proper restoration of these teeth. The methods and techniques of restoration, as well as their advantages and shortcomings, will be discussed and amply illustrated in this seminar.

LIMITED ATTENDANCE SEMINARS

2:00 pm-
4:00 pm (Pre-registration required)

LAS 13 Liberty A

Endodontic mishaps

LEIF K. BAKLAND, DDS, Loma Linda, CA

LAS 14 Liberty B

*Evaluation of new endodontic debridement
and obturation devices*

KAARE LANGELAND, DDS, PhD, Farmington, CT

LAS 15 Liberty C

*Root canal anatomy: development, variation
and clinical considerations*

MICHAEL J. SCIANAMBLO, DDS, San Rafael, CA

LAS 16 Liberty D

*Combined periodontic and endodontic
lesions: an evaluation of the problem*

HENRY M. GOLDMAN, DMD, Brookline, MA

LAS 17 Liberty E

*The thermomechanical properties of gutta-
percha*

ALVIN S. GOODMAN, DDS, MScD, Winston-Salem,
NC

LAS 18 Liberty G

Bleaching discolored teeth

NGUYEN T. NGUYEN, DDS, San Francisco

RESEARCH SEMINARS IV

Constitution Room

Moderator: SYNGCUK KIM, DDS, PhD, New York

2:00 pm *Anaerobic bacteria in periapical lesions of
human teeth*

FREDERIC BARNETT*, DMD; LEIF TRONSTAD,
DMD, PhD; MICHAEL D. FLAX, DDS; JORGEN
SLOTS, DMD, PhD; University of Pennsylvania

2:15 pm *Microbiological assessment of ultrasonics in
root canal therapy*

DONALD M. COLLINSON*, DDS; KENNETH L.
ZAKARIASEN, DDS, MS, PhD; M. A. PICKARD,
PhD, University of Alberta

2:30 pm *Cytologic methods in differential diagnosis of
chronic periapical lesions*

VERA COKLICA*, DDS, DSc; DORA NAJZAR-
FLEGER, DDS, DSc; INGA CEREPINKO, MD, DSc;
University of Zagreb, Yugoslavia

2:45 pm *Periapical healing patterns following
extrusions of endodontically treated roots*
KATSUEI MORI*, DDS; KUNIYOSHI IJIMA, DDS;
Tokyo, Japan

3:00 pm *In vitro testing of three types of endodontic
medicaments against anaerobic bacteria*
LARRY E. QUACKENBUSH*, DDS, MS, PhD
University of Hong Kong



3:15 pm *Dark field microscopy as a diagnostic aid in differentiating endodontic and periodontic abscesses*
MARTIN TROPE*, BDS, DMD; EDWARD ROSENBERG, DMD; LEIF TRONSTAD, DMD, PhD; University of Pennsylvania

3:30 pm *Endodontic instrument cutting efficiency comparison of the tip and flutes*
LEO J. MISERENDINO*, DDS, MS; J. B. MOSER, PhD; MICHAEL A. HEUER, DDS, MS; EDWARD M. OSETEK, DDS, MA; Northwestern University

3:45 pm *The reliability of the radiograph in determining root filling quality*
HENK W. KERSTEN*, DDS; PAUL R. WESSELINK, DDS; S. K. THODEN VAN VELZEN, DDS; Academic Centre for Dentistry, Amsterdam

4:00 pm *An evaluation of zeroradiographs and radiographs in endodontics*
RAHMAT A. BARKHORDAR*, DMD; RONALD J. NICHOLSON, DDS; NGUYEN T. NGUYEN, DDS; University of California

4:15 pm *Histopathologic and histobacteriologic study of endodontic failure*
LOUIS M. LIN*, DMD, PhD; JOSEPH E. SKRIBNER, DDS, UMDNJ/New Jersey Dental School; ELIZEU A. PASCON, DDS, MSD; KAARE LANGELAND, DDS, PhD, University of Connecticut

4:30 pm *Restoration of cervical external root resorption using dentin bonding*
KEITH V. KRELL*, DDS, MS, MA; MARK E. JENSEN, DDS, MS, PhD, University of Iowa

4:45 pm *Secondary dentin formation in response to caries*
OMAR FAHIM*, BDS, PhD, University of Cairo; HAROLD H. MESSER, MDSc, PhD, University of Minnesota

*Presenter

LECTURE PRESENTATION

Independence Room

Moderator: JOSEPH I. TENCA, DDS, Boston

2:00 pm-
5:00 pm *The facts and myths of the process of board certification*
AMERICAN BOARD of ENDODONTICS, Board of Directors

A program for graduate students, Board-eligible endodontists, educationally qualified endodontists and program directors. It will provide an informative review of the functions and philosophy of the ABE and the steps involved in the certification process. A question and answer session will be included.

SCIENTIFIC SESSION VII

Republic Room

Moderator: DUDLEY H. GLICK, DDS, Beverly Hills

3:30 pm-
5:00 pm *Endodontic surgery and intentional replantation*
DONALD E. ARENS, DDS, MSD, Indianapolis
Panelists: James L. Gutmann, DDS, Dallas, Ronald R. Lemon, DMD, New Orleans; Alan J. Nevins, DDS, East Meadow, NY; W. Paul Radman, DDS, Dallas

Demands by the consumer to save teeth regardless of difficulty, and the increased number of misdiagnosed, mismanaged and mistreated cases, is forcing the endodontist to treat teeth in a non-conventional manner. Such extension of therapy demands that the practicing endodontist be proficient in aseptic, precise, conservative surgical principles. He/she must hone his/her ability and be capable of operating in areas once considered the realm of the oral surgeon. Today's ever-increasing surgical scope includes the removal of large pathologic lesions regardless of their arch location, reverse and lateral wall repairs, hemisections, and intentional replantations. The state of the art endodontic surgery is relatively atraumatic, has few contraindications and success that is highly predictable.



PROGRAM (continued)



SATURDAY MORNING, APRIL 19

8:00 am- **CONTINENTAL BREAKFAST**
8:45 am (By ticket only)
Exhibit Hall

8:00 am- **EXHIBITS**
12 Noon Exhibit Hall/ Lower level

SCIENTIFIC SESSION VIII

Republic Room
Moderator: LEO BOTWINICK, DDS, New York

9:00 am- *Management of the medically compromised patient*
12 Noon
JAMES W. LITTLE, DMD, MS, Minneapolis
Panelists: Steve Montgomery, DDS, San Antonio;
William Clem, DDS, MS, Baltimore; I. B. Bender,
DDS, Philadelphia; Jacob B. Freedland, DDS,
Charlotte, NC

A review of the events that led to the use of prophylactic antibiotics for the prevention of bacterial endocarditis in susceptible dental patients. The various recommendations (seven) of the American Heart Association for the prevention of bacterial endocarditis will be reviewed. Current dental management of the patient susceptible to bacterial endocarditis will be covered in detail and a projection of how this area may change in the near future will be presented. In addition, the prevention of infection in other patients secondary to transient dental bacteremias will be discussed. This will include patients with joint replacements, renal hemodialysis, cancer chemotherapy and AIDS.

SCIENTIFIC SESSION IX

Constitution Room
Moderator: CHARLES J. CUNNINGHAM, DDS,
Lexington

9:00 am- *Endodontics and the law*
10:00 am STEPHEN COHEN, DDS, MA, San Francisco

Why is endodontic therapy becoming one of the most frequent causes for malpractice allegations? This presentation will cover the most common reasons as well as ways and means for the endodontist to minimize the risk of potential malpractice claims.

10:00 am- *The acute endodontic cellulitis phenomenon: biologic and clinical aspects*
11:00 am ROBERT J. MATUSOW, DMD, MS, Concord, MA

Medical and dental areas are becoming increasingly concerned with infections due to microorganisms indigenous to the host. Microbes, once considered saprophytic and of low virulence, are now pathogenic. The acute endodontic cellulitis phenomenon will be presented with microbial etiology, diagnostic and therapeutic aspects, and the histopathology of primate cellulitis.

11:00 am- *Long term studies in detection and treatment of vertical root fractures*
12 Noon GEORGE G. STEWART, DDS, Philadelphia

Vertical root fractures can frequently be detected long before they become evident in the X-ray film. Suggestions will be presented to identify these fractures, as well as to help prevent them. Various methods of treatment and new evidence of healing these fractures via bonding and/or induced root repair techniques will be presented.

9:00 am- **POSTER CLINICS**
12 Noon Exhibit Hall/ Lower level

PC 1 *Double blind study comparing Motrin and aspirin*
ANTHONY C. CARBAJAL, DDS, MS, Grand Blanc, MI

PC 2 *Calcium phosphate cement as a root canal filling material*
AIDA A. CHOAYEB, DDS, MSD, Washington, DC

PC 3 *Canal morphology alterations after ultrasonic, sonic, mechanical, and hand instrumentation*
DONALD M. COLLINSON, DDS, Edmonton, Alberta, Canada

PC 4 *Medical problems complicating endodontic treatment — the medically compromised endodontic patient*
ROBERT L. ELLISON, DDS, MSc, Detroit

PC 5 *Oral tissue reactions to synthetic suture materials*
RICHARD J. GARDNER, DDS, MS, Farmington Hills, MI

PC 6 *Antimicrobial efficacy of endodontic medicaments and irrigants on anaerobic bacteria*
NORMAN L. HOLLOWAY, DDS, MS, Bradenton, FL
JOHN F. CORCORAN, DDS, MS, Ann Arbor, MI

PC 7 *A comparison of two methods of instrumenting curved canals*
ERIKO SAKURAI-FUSE, DDS and MELVIN GOLDMAN, DDS, Boston

PC 8 *Correlation of open dentinal tubule areas at different canal levels*
DAVID SCOTT, DDS, MSc, Edmonton, Alberta, Canada

PC 9 *Sterilization of the root canal by CO₂ laser radiation*
KENNETH L. ZAKARIASEN, DDS, MS, PhD, Edmonton, Alberta, Canada

GRADUATE STUDENT SECTION

PC 10 *The pie-shaped root resection*
JACK H. BAUR, JR., DDS, and FRANK S. BALABAN, DDS, West Virginia University

- PC 11** *The effects of surface active agents on hypochlorite*
ROBERT LECLERC, DMD, and ROBERT M. KAUFMANN, DMD, Boston University
- PC 12** *Leakage evaluation of various retrograde techniques including a dentine bonding system*
NEVILLE J. MCDONALD, Bds and THOMAS C. DUMSHA, DDS, MS, University of Maryland
- PC 13** *The effects of endodontic therapy on dentin-bonded composites*
HENRY EDWARD PARIS, JR., DDS, and MARY RINGLER, DMD, MA, PhD, Medical College of Georgia
- PC 14** *Mandibular premolar access openings: their relationship to pulp morphology*
LISA R. WILCOX, DDS, MA and RICHARD E. WALTON, DMD, MS, University of Iowa
- PC 15** *Electric anesthesia*
CAROL A. MCCALL, DDS, Tufts University

9:00 am-12 Noon **TABLE CLINICS**
Exhibit Hall/Lower level

- TC 1** *The main problems with endodontic instrumentation*
SERGIO DUILLO, DMD, Genova, Italy
- TC 2** *A practical alternative to surgical root canal therapy*
WAYNE V. HOTZAKORGIAN, DDS, MScD, Fresno, CA
- TC 3** *Root canal filling by using gutta percha subsonic pluggers*
JEAN-MARIE LAURICHESSE, DDS, and GERARD ARMANDOU, DDS, Paris, France
- TC 4** *A method for reproducibly positioning the x-ray film during endodontic procedures*
LEO J. MISERENDINO, DDS, MS, Waukegan, IL
- TC 5** *Ledges: causes and cures*
JERRY F. TAINTOR, DDS, MS, Sherman Oaks, CA
- TC 6** *Economical autoclavable trays*
MANUEL I. WEISMAN, DDS, Augusta
- TC 7** *Four new cemento-bonding techniques of tooth-core to internal bonderized crown surfaces. Increased retention; reduced microleakage*
ROBERT V. WEISSMAN, DDS, Fairlawn, NJ
- TC 8** *A computerized bibliography for advanced education programs in endodontics*
NATHANIEL M. WEST, DDS, and R. NEIL DODDS, DDS, Richmond, VA
- TC 9** *Endo systems: the shape of things to come*
BARRY SINGERMAN, DMD, MSD, Scarborough, Ontario, Canada
- TC 10** *Mandibular block: Gow-Gates and Akinosi techniques*
RAHELE F. REZAI, DMD, MA, Washington, DC

GRADUATE STUDENT SECTION

- TC 11** *Lymph node examination of the head and neck*
JOHN A. BERUDE, DDS, and CHARLES E. JEROME, DDS, MA, Naval Dental School
- TC 12** *Stereoscopic radiography*
RICHARD BLACKMAN, DDS, and JAMES T. RUSSIN, DDS, Temple University
- TC 13** *Emergency treatment of endodontic patients*
MELVIN BONER, BDS, and ABRAHAM M. PRETORIUS, BChD, Boston University
- TC 14** *The relationship of apical obturation level to the anatomic apex*
CHRIS W. CARRINGTON, DDS, and SAAD A. AL-NAZHAN, DDS, University of Connecticut Health Center
- TC 15** *Trivial pursuits, master's edition: endodontics*
CELIA M. CHAPMAN, DDS, Ohio State University
- TC 16** *Anaerobic culturing for endodontic infections*
MARION C. ELDRIDGE, DMD, and JAN M. LACOMBE, DMD, Naval Dental School
- TC 17** *A comparison of vibratory endodontic instruments*
DENNIS R. GIMLIN, DDS, and SHELDON R. MANN, DDS, Wilford Hall USAF Medical Center
- TC 18** *Endodontic literature at your fingertip*
STEVEN S. LARSEN, DDS, Northwestern University
- TC 19** *Cervical root resorption — diagnosis and therapy*
LAURENCE C. LEFF, DMD, University of Pennsylvania
- TC 20** *Geriatric endodontics*
SCOTT W. MORRISON, DDS, and KAREN R. PANIETZ, DDS, Indiana University School of Dentistry
- TC 21** *Strengthening and restoration of immature teeth with an acid-etch resin technique*
GEOFFREY RABIE, BDS, University of Pennsylvania
- TC 22** *Intentional replantation: an innovative surgical approach*
MICHELE A. REYNOLDS, DDS, and SANDRA MADISON, DDS, MS, University of Iowa
- TC 23** *Bacteriologic sampling in clinical endodontic practice*
KENNETH T. RISO, DMD, University of Pennsylvania
- TC 24** *Endosonics: the advantage in endodontics*
DAVID E. STAMOS, DDS, and MICHAEL L. SQUITIERI, DDS, Marquette University
- TC 25** *Extended clinical applications of hemostatic agents*
HARMEET WALIA, BDS, MDS, and JOHN T. STREIFF, DDS, MS, Marquette University
- TC 26** *Vertical root fracture*
RAHMAT A. BARKHORDAR, DMD and NGUYEN T. NGUYEN, DDS, San Francisco



PROGRAM *(continued)*



SATURDAY AFTERNOON, APRIL 19

- 12 Noon-2:00 pm **EDGAR D. COOLIDGE LUNCHEON**
(By ticket only)
Grand Ballroom
Speaker: JOHN R. SILBER, PhD
President, Boston University
- 2:30 pm-5:00 pm **GENERAL ASSEMBLY MEETING**
Republic Room
- 6:30 pm-7:30 pm **PAST PRESIDENTS' RECEPTION**
Constitution Room & Constitution Foyer
- 7:30 pm-Midnight **DINNER DANCE**
(By ticket only)
"Essence of Elegance"
Grand Ballroom



SUNDAY, APRIL 20

- 8:00 am-8:45 am **CONTINENTAL BREAKFAST**
(By ticket only)
Grand Ballroom
- 8:00 am-12 Noon **AAE BOARD OF DIRECTORS MEETING**
Gardner Room
- SCIENTIFIC SESSION X**
Independence Room
Moderator: JAMES H. SIMON, DDS, Tustin, CA
- 9:00 am-10:30 am *Posts and cores: what you learned is wrong*
ALLAN S. DEUTSCH, DMD, New York
BARRY LEE MUSIKANT, DMD, New York

Posts fail because of loosening of the post, fracture of the root by the post, and fracture of the post. This presentation will show how traditional concepts of post fabrication allow these failures to occur. A new post design that overcomes these failures and allows a much higher success rate will be discussed.

- 10:30 am-11:30 am *Orthodontic extrusion of endodontically treated teeth*
KATSUEI MORI, DDS, Tokyo, Japan

This presentation will include the rationale and technical problems associated with cases of orthodontic extrusion of endodontically treated teeth, and the resolution of related periapical pathosis. Also, periodontally involved case analysis will be presented in depth.

BUSINESS SESSION IV

Republic B
Moderator: MARK E. LEVINE, DMD, Denver

- 9:00 am-12 Noon *The American way of life does not need to be hazardous to your health*
(For members and spouses)
HANS DIEHL, MA, PhD, Loma Linda, CA

Americans have worked hard over the past century to build a good life, but now the good life works against us. Affluence-related health habits coupled with the pressures of modern life often result in cardiovascular disease, diabetes, hypertension and other chronic ailments. Until recently Americans have depended on drugs to treat these diseases. Now, there is a better way to *prevent* and *reverse* disease. By adapting the practical concepts of "Lifestyle Medicine," Dr. Diehl will teach you how to increase your energy and productivity and improve your health and quality of life.



AAE COMMITTEE MEETINGS

Thursday, April 17, 12 Noon-1:30 pm

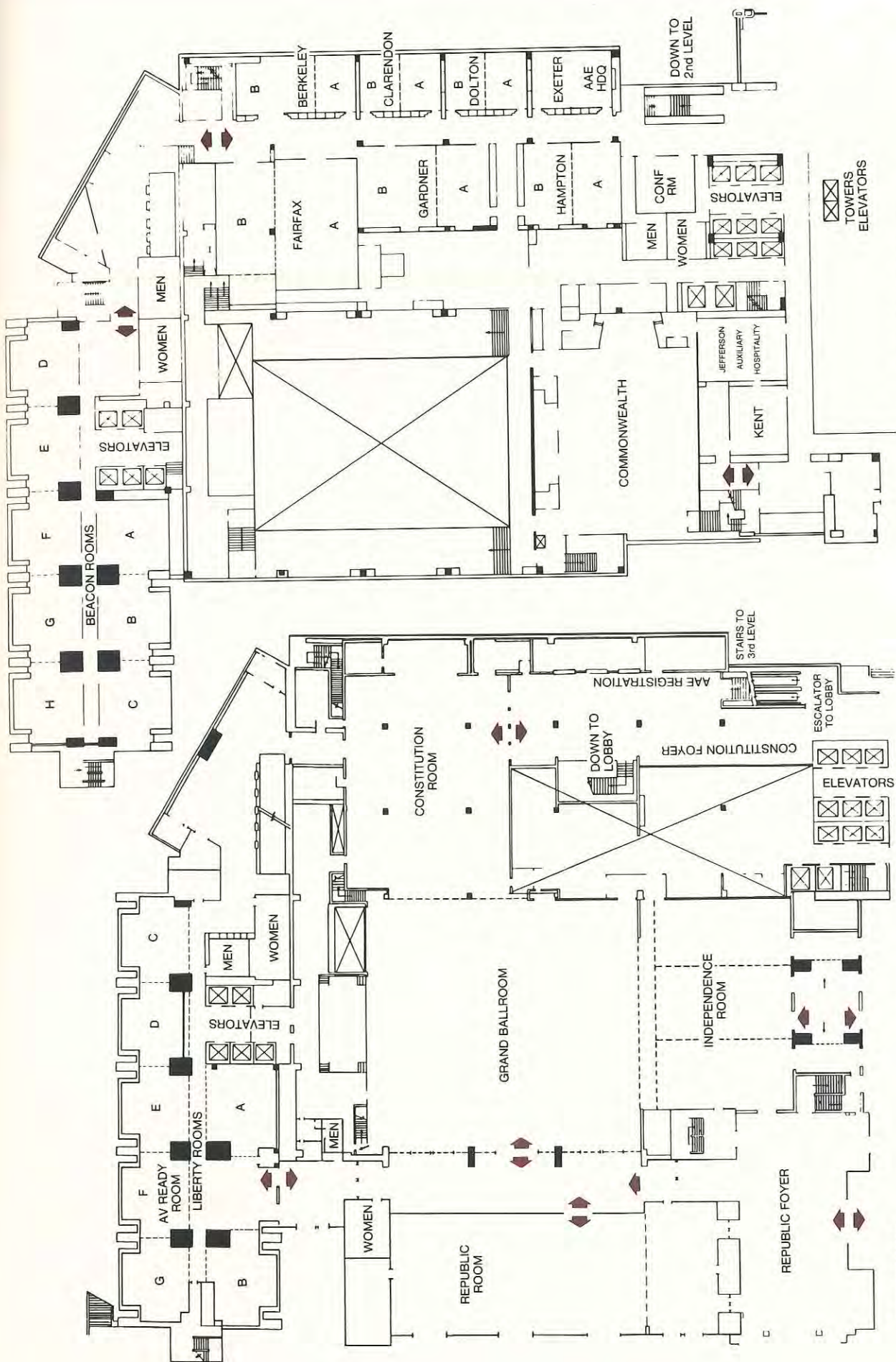
Dental Care and Clinical Practice.....	Beacon E
Education.....	Beacon B
Honors and Awards.....	Beacon A
International Relations and International Federation of Endodontic Associations (12 Noon-4:30 pm).....	Gardner A & B
Public and Professional Affairs.....	Beacon C

Friday, April 18, 7:30-9:00 am

Editorial Board.....	Beacon G
Federal Dental Health Services.....	Beacon E
Membership.....	Beacon C
New Members' Breakfast.....	Fairfax
Research.....	Beacon B

Saturday, April 19, 7:30-9:00 am

Member Services.....	Beacon B
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(CONFERENCE LEVEL)

3rd FLOOR

(PLAZA LEVEL)

2nd FLOOR

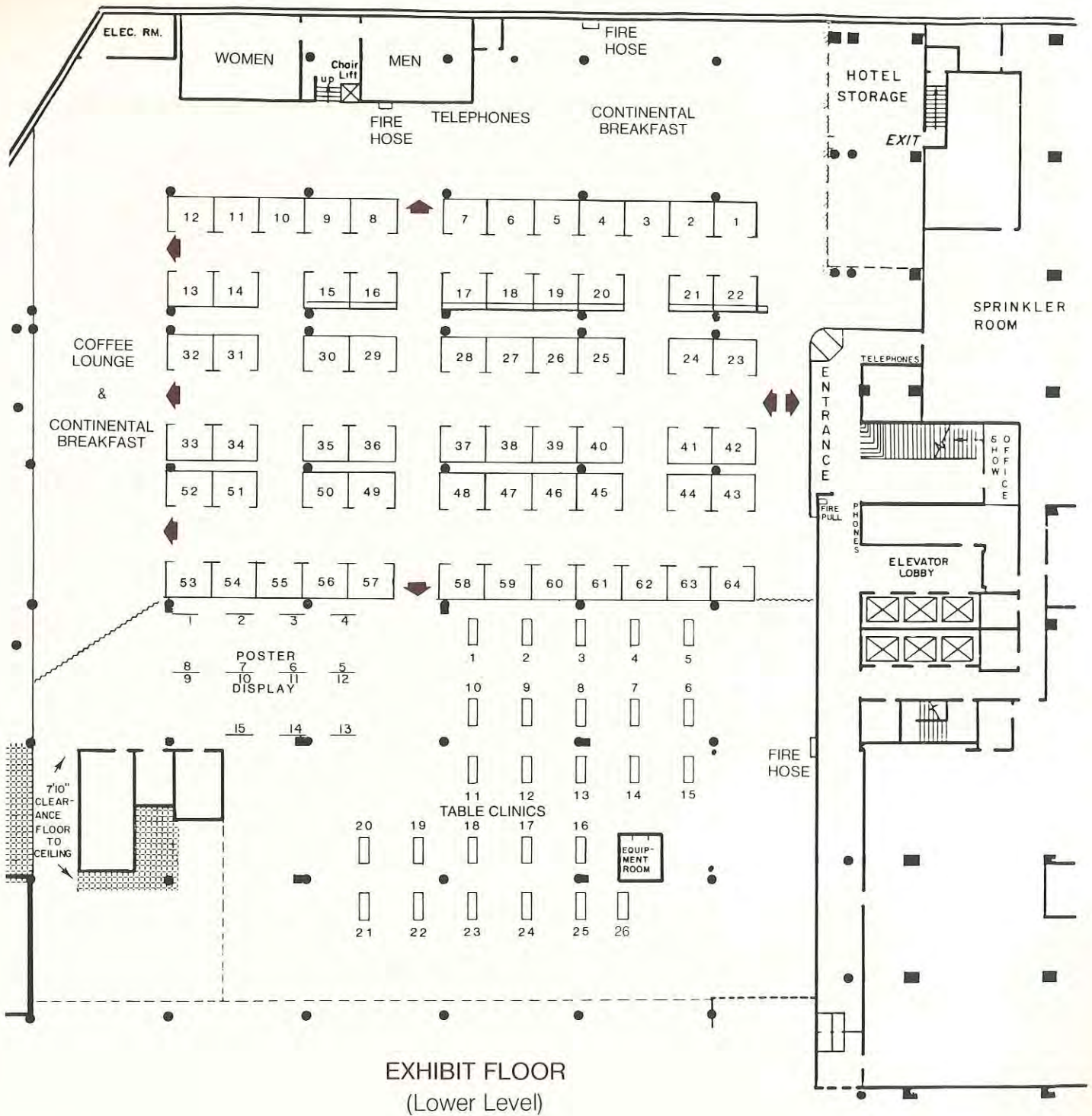


EXHIBIT FLOOR
(Lower Level)

TECHNICAL EXHIBITORS

Advanced Practice Systems, Inc. (Booth #50)
5555 Oakbrook Parkway, Suite 660
Norcross, GA 30093

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& Dental Corp. (Booth #21)
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Cherry Hill, NJ 08003

Analytic Technology Corp. (Booth #35)
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Redmond, WA 98052

Becker-Parkin Dental Supplies (Booth #32)
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Jersey City, NJ 07302

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Savannah, GA 31419

L. D. Caulk Company (Booths #58, 59, 60)
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Crawford Film Holder Company (Booth #55)
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Fort Worth, TX 76107

Dental Consultants, Inc. (Booths #47, 48)
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Pittsburgh, PA 15224

Dental Products Group International (Booth #51)
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New York, NY 10011

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New York, NY 10010

Dunvale Radiographics (Booth #19)
141 Union Street
Gilberts, IL 60136

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119 West 57th Street
New York, NY 10019

Healthco International, Inc. (Booth #16)
25 Stuart Street
Boston, MA 02116

Hi-Tech Co. (Booth #15)
2315 "E" Street
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13106 Overbrook Lane
Bowie, MD 20715

J. S. Dental Mfg., Inc. (Booth #8)
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New York, NY 10012

Kerr Sybron (Booth #64)
28200 Wick Road
Romulus, MI 48174

Kilgore International, Inc. (Booth #3)
36 West Pearl Street
Coldwater, MI 49036

Knoll Pharmaceutical Company (Booth #33)
30 North Jefferson Road
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600 South Washington Square
Philadelphia, PA 19106

M & D International Enterprises, Inc. (Booth #61)
517 Maple Avenue
P.O. Box 1294
Carpinteria, CA 93013

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39-23 62nd Street
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401 First Federal Plaza
New Castle, PA 16101

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1107 Broadway
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2724 South Peck Road
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US ARMY Professional Support Agency (Booth #54)
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Washington, D.C. 20324

Whaledent International (Booth #18)
236 Fifth Avenue
New York, NY 10001

Whitehall Laboratories (Booth #31)
685 3rd Avenue
New York, NY 10017

Xerox Medical Systems (Booth #63)
125 North Vinado Street
Pasadena, CA 91107

Non-Technical Exhibits (Republic Foyer)

American Audio Association
P.O. Box 511
Floral Park, NY 11002

AAE Career Counseling

AAE Endowment & Memorial Foundation

1987 Annual Session (Booth #22)





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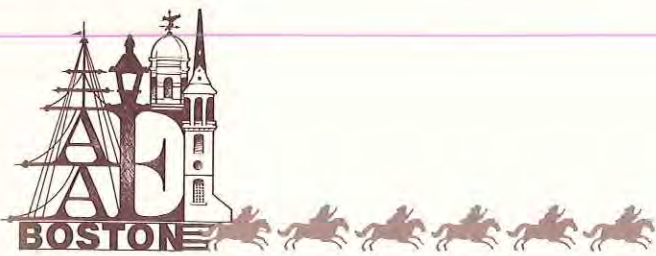
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*Ralph F. Sommer	'44-45
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*E. G. Van Valey	'46-47
Maynard K. Hine	'47-48
Louis I. Grossman	'48-49
*Elmer A. Jasper	'49-50
*Raymond L. Girardot	'50-51
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*N. Weir Burkman	'54-55
*Harry J. Healey	'55-56
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*George C. Hare	'57-58
George G. Stewart	'58-59
*J. Henry Kaiser	'59-60
*Paul P. Sherwood	'60-61
*Glenn R. Brooks	'61-62
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Warren J. Hedman	'69-70
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Dudley H. Glick	'71-72
I. B. Bender	'72-73
Charles A. Scott, Jr.	'73-74
Alfred L. Frank	'74-75
Robert A. Uchin	'75-76
Frank B. Trice	'76-77
George A. Zurkow	'77-78
Harry Blechman	'78-79
Paul E. Zeigler	'79-80
Edward M. Osetek	'80-81
Henry J. Van Hassel	'81-82
Noah Chivian	'82-83
Donald E. Arens	'83-84
Stephen F. Schwartz	'84-85

*Deceased



ALUMNI, AFFILIATES & OTHER GROUPS

Thursday, April 17	Room
AADS Endodontic Section Meeting 4:30-5:30 pm	Constitution
Army Association of Endodontists 6:30-9:30 pm	Commonwealth
Boston University Silver Anniversary Alumni Banquet 5:00-10:00 pm	John F. Kennedy Library
Northwestern University Alumni Association 6:00-9:00 pm	Clarendon
Tufts University Endodontic Alumni Homecoming 6:00 pm	Tufts Room, Boston Marriott Hotel/Copley Place
University of Pennsylvania Alumni Reception 6:30 pm - 8:00 pm	Fairfax

Friday, April 18	
Florida Association of Endodontists 5:00-6:00 pm	Liberty E
Graduates of the Univ. of Oregon and Univ. of Ohio 7:00-10:00 pm	Gardner
Harry J. Healy Endodontic Study Club 7:30-9:00 am	Hampton A
Iowa Endodontic Group 6:00-8:00 pm	Dalton
Michigan Association of Endodontists 6:00-8:00 pm	Hampton
Oklahoma Association of Endodontists 7:30-9:00 am	Beacon A
State Affiliate Associations Meeting 2:00-5:00 pm	Beacon A
Temple University Endodontic Alumni Association 7:30-9:00 pm	Fairfax
University of Michigan Endodontics Alumni Association 7:30-9:00 am	Beacon F
University of Washington Graduate Endodontics Alumni 6:30-8:30 pm	Berkeley

Saturday, April 19	
Air Force Endodontic Association 7:30 am	Hampton
Boston University Endodontic Alumni-Faculty Association 7:30-9:00 am	Gardner
Navy Endodontists 7:00-9:00 am	Berkeley

AWARD RECIPIENTS

Edgar D. Coolidge Award

*Edgar D. Coolidge	'69
*Harry B. Johnston	'70
*Henry A. Bartels	'71
Bertram L. Wolfsohn	'74
Vincent B. Milas	'75
Worth B. Gregory	'78
Jacob B. Freedland	'80
Alfred L. Frank	'81
George G. Stewart	'82
F. Darl Ostrander	'83
Maynard K. Hine	'83
*George C. Hare	'84
*Irving J. Naidorf	'85

Louis I. Grossman Award

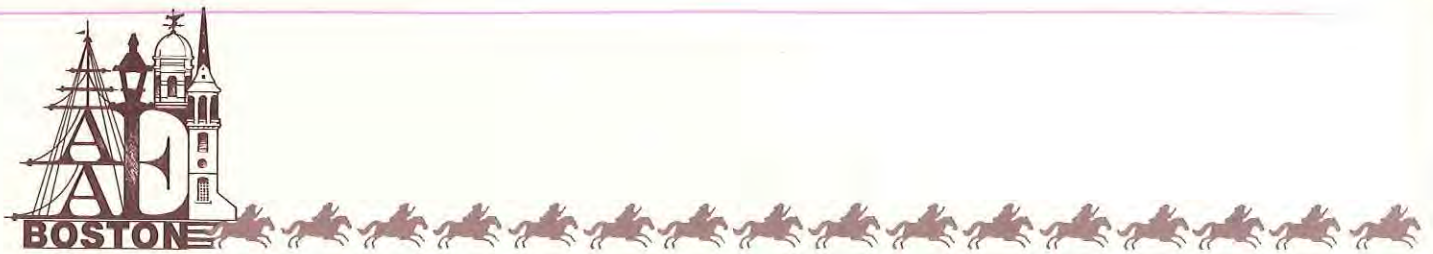
Louis I. Grossman	'73
*Birger Nygaard-Ostby	'76
I. B. Bender	'78
Samuel Seltzer	'80
Harold R. Stanley	'81
Kaare Langeland	'82
Henry J. Van Hassel	'84

Ralph F. Sommer Award

Calvin D. Torneck	'84
Alfred L. Frank	'85

HONORARY MEMBERS

Mary C. Crowley
 Louis I. Grossman
 Maynard K. Hine
 Oscar A. Maisto
 Maury Massler
 Harold R. Stanley
 Henry O. Trowbridge



AAE AUXILIARY

The AAE Auxiliary will maintain a hospitality suite in the Jefferson Room for all registered spouses as follows:

April 17 & 18 — 8:00-11:00 am & 1:00-4:00 pm
 April 19 — 8:00-9:00 am & 1:00-4:00 pm

OFFICERS

Mrs. Edwin S. Mehlman (Lesley) President
 Mrs. Richard Yamanaka (Sharlene) President-elect
 Mrs. Carl Tinkelman (Sydney) Vice-president
 Mrs. Sam DeMartino (Terry) Secretary
 Mrs. Victor L. Ratkus (Anne) Treasurer
 Mrs. Howard Pranikoff (Cheryl) Parliamentarian

WEDNESDAY, APRIL 16

3:30 pm- PRESIDENT'S WELCOME WINE RECEPTION
 5:00 pm Jefferson Room

THURSDAY, APRIL 17

7:30 am- BOARD MEETING
 8:45 am Kent Room

SATURDAY, APRIL 19

9:00 am- Fairfax Room
 11:15 am Speaker: Jack S. Opinsky, DDS
 Hartford, CT
 "Current legislation in dentistry affecting your
 husband and you."

11:30 am- BOARD MEETING
 12:30 pm Kent Room

TOURS

THURSDAY, APRIL 17

9:00 am- Introduction to Boston
 12 Noon

1:30 pm- Cambridge Revisited
 4:30 pm

FRIDAY, APRIL 18

9:00 am- Ether Dome (Limited registration)
 12 Noon

10:00 am- Mini Boston and Lexington/Concord
 4:00 pm

1:30 pm- Inside the Homes of Beacon Hill
 4:00 pm

SATURDAY, APRIL 19

9:30 am- Kennedy Library
 12:30 pm

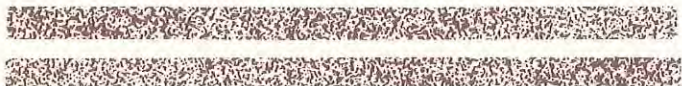
All tour buses will depart from the front of the Sheraton-Boston Hotel on Dalton Street.



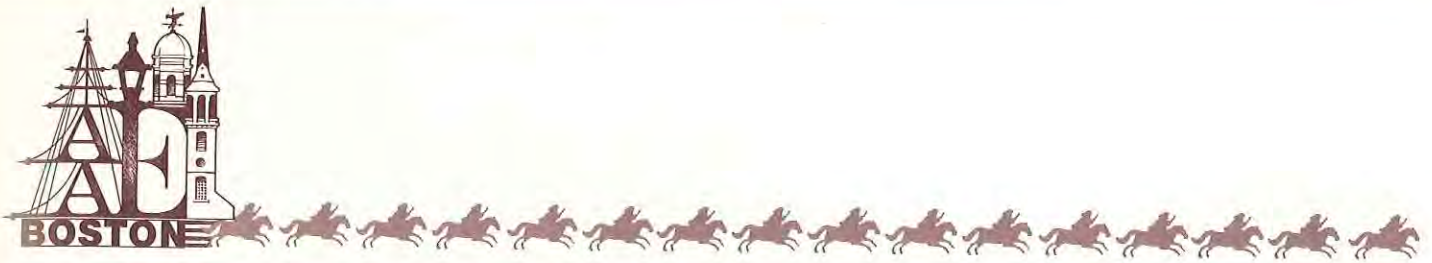
FUTURE ANNUAL SESSION SCHEDULE

44th Annual Session
 April 29-May 3, 1987, Hilton & Hyatt Hotels, San Antonio, TX

45th Annual Session
 April 20-24, 1988, Anaheim Marriott Hotel, Anaheim, CA



**BADGES MUST BE WORN
 AT ALL OFFICIAL AAE FUNCTIONS.**



CONDENSED PROGRAM

WEDNESDAY, APRIL 16

	Room
7:30 am-8:30 am	CEC Registration Republic Foyer
8:00 am-5:00 pm	AAE Board of Directors Meeting Gardner
8:00 am-6:00 pm	ABE Oral Exams Beacon A, B, C, H
8:30 am-4:30 pm	Continuing Education Republic
11:00 am-8:00 pm	General Registration Constitution Foyer
7:30 pm-9:30 pm	Welcome/Fellowship Reception Grand Ballroom

THURSDAY, APRIL 17

8:00 am-10:00 am	Opening Session Breakfast Grand Ballroom
8:00 am-6:00 pm	Registration Constitution Foyer
10:00 am-6:00 pm	Exhibits Exhibit Hall
10:30 am-Noon	Scientific Session I Republic
10:30 am-12:30 pm	Business Session I Independence
	Research Seminars I Constitution
1:45 pm-3:15 pm	Scientific Session II Republic
2:00 pm-4:00 pm	Research Seminars II Constitution
	Limited Attendance Seminars Liberty A - G
2:00 pm-5:00 pm	Business Session II Independence
3:30 pm-5:00 pm	Scientific Session III Republic

FRIDAY, APRIL 18

8:00 am-8:45 am	Continental Breakfast Exhibit Hall
8:00 am-5:00 pm	Exhibits Exhibit Hall
8:00 am-5:00 pm	Registration Constitution Foyer
9:00 am-10:30 am	Scientific Session IV Republic
9:00 am-11:00 am	Limited Attendance Seminars Liberty A - G

FRIDAY, APRIL 18 (continued)

9:00 am-Noon	Computer Lecture Commonwealth
	Business Session III Independence
	Research Seminars III Constitution
10:30am-Noon	Scientific Session V Republic
Noon-1:45 pm	Luncheon Grand Ballroom
1:45 pm-3:15 pm	Scientific Session VI Republic
2:00 pm-4:00 pm	Limited Attendance Seminars Liberty A - G
2:00 pm-5:00 pm	ABE Lecture Presentation Independence
	Research Seminar IV Constitution
	Affiliate Associations Mtg Beacon A
3:30 pm-5:00 pm	Scientific Session VII Republic

SATURDAY, APRIL 19

8:00 am-8:45 am	Continental Breakfast Exhibit Hall
8:00 am-Noon	Exhibits Exhibit Hall
9:00 am-10:30 am	Scientific Session VIII Republic
9:00 am-Noon	Scientific Session IX Constitution
	Table Clinics/ Poster Clinics Exhibit Hall
Noon-2:00 pm	Luncheon Grand Ballroom
2:30 pm-5:00 pm	General Assembly Republic
7:30 pm-Midnite	Dinner Dance Grand Ballroom

SUNDAY, APRIL 20

8:00 am-8:45 am	Continental Breakfast Grand Ballroom
8:00 am-Noon	AAE Board of Directors Meeting Gardner
9:00 am-11:30 am	Scientific Session X Independence
9:00 am-Noon	Business Session IV Republic B

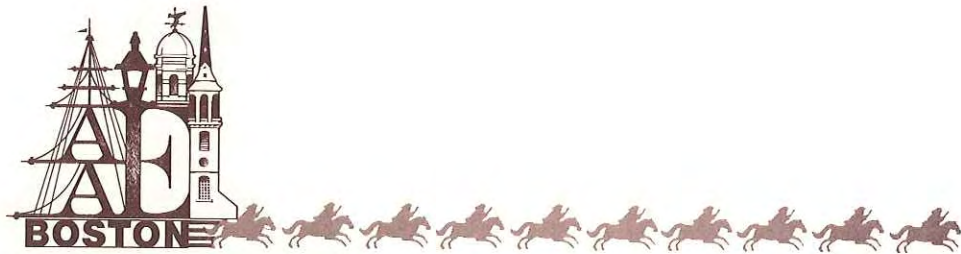


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*Thank you for participating
in the 43rd Annual Session.
We hope you found the
meeting to be both enjoyable
and rewarding. See you next
year in San Antonio!*



AMERICAN ASSOCIATION OF ENDODONTISTS
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