



1943 - 1993
Historical Reflections - Future Directions



Table of Contents

Welcome

 President Clinton 2

 Mayor Daley 3

 President Fountain 4

AAE Board of Directors 5

American Board of Endodontics 32

Annual Session Committee 6

Award Recipients 43

Board and Committee Meetings 32

Exhibitors 36

Floor Plan 35

Founders and Charter Members 40

General Information 7

Participants 41

Past Presidents 43

Research and Education Foundation of the AAE 33

Program

 Wednesday Morning 8

 Wednesday Afternoon 9

 Thursday Morning 10

 Thursday Afternoon 12

 Friday Morning 16

 Friday Afternoon 22

 Saturday Morning 26

 Saturday Afternoon 30

 Sunday Morning 31

AAE Auxiliary and Tours 34

Alumni, Affiliates and Other Groups 33



*American Association of Endodontists
 50th Annual Session, April 28-May 2, 1993
 Chicago, Illinois*





THE WHITE HOUSE

WASHINGTON

March 12, 1993

I am pleased to extend greetings to everyone gathered to celebrate the 50th anniversary of the American Association of Endodontists.

For the past 50 years, the association has been a leader in supporting clinical and laboratory research, maintaining high standards of care, and educating the public about the importance of good dental care. I appreciate your commitment to excellence, so important to the health and well-being of the American people.

Hillary joins me in sending best wishes for an enjoyable and productive session.

Bill Clinton



OFFICE OF THE MAYOR

CITY OF CHICAGO

RICHARD M. DALEY
MAYOR

PROCLAMATION

WHEREAS, the American Association of Endodontists (AAE) was founded in Chicago, in February of 1943, and is a not-for-profit association of 4,000 members. As an international organization, AAE is the largest endodontic organization in the world; and

WHEREAS, AAE advocates endodontists contribute greatly to the nation's dental health by saving teeth when the soft, inner tissue, the pulp, has been damaged or is diseased; and

WHEREAS, endodontists have saved millions of teeth that would otherwise have been extracted; and

WHEREAS, the AAE will hold its Annual Meeting in Chicago on April 28 - May 2, 1993, and approximately 2,500 people from all over the world will convene for this session, providing a positive economic impact on the city during their visit; and

WHEREAS, the AAE is celebrating its 50th anniversary and this year's theme is "Historical Reflections - Future Directions":

NOW, THEREFORE, I, RICHARD M. DALEY, MAYOR OF THE CITY OF CHICAGO, do hereby proclaim April 28 - May 2, 1993 to be AMERICAN ASSOCIATION OF ENDODONTISTS DAYS IN CHICAGO, and urge all citizens to recognize this organization for its many contributions to the dental profession.

Dated this 25th day of February, 1993.

Handwritten signature of Richard M. Daley in blue ink.
Mayor



President's Welcome

Welcome home to Chicago to celebrate our Golden Anniversary at the 50th Annual Session of the American Association of Endodontists. The AAE was born in Chicago in February, 1943 at the Palmer House Hotel. This year we are returning to the birthplace and "home" of the AAE. Our Headquarters Office is in the ADA Building at 211 East Chicago Avenue, less than a block from that famous Chicago landmark on Michigan Avenue, the Water Tower.

Chicago is the hub of Mid-America. It has a vast array of interesting attractions, from the museums and Orchestra Hall to the "blues" night spots. The variety of restaurants is unsurpassed by any city in the country. And, if you're lucky, you may be able to see "da Bulls" or the Hawks in the playoffs or catch a Sox game (sorry, the Cubbies are out of town). After years of commuting to Chicago, I have fallen in love with it and have adopted it as my second home.

Our hotel is the Hyatt Regency, situated beside the Chicago River and a block from the shoreline of Lake Michigan. It has beautiful views of the fascinating collage of the twentieth century architecture of downtown Chicago that spreads along the lake shore and Michigan Avenue. The convention facilities of the hotel are outstanding.

This Annual Session is a "must" to attend. Our theme of "Historical Reflections - Future Directions" says it all. We will relive our origins and reflect on our progress as we "pause to remember." But through the several days of the meeting we will refocus toward the exciting challenges of the future.

Energetic John Olmsted, General Chair of this year's Annual Session, and his committee have arranged for us a stimulating variety of scientific, social and recreational activities. Jim Gutmann has used his worldwide contacts to bring us a very fascinating series of scientific programs by clinicians from the United States and around the globe. Marshall Peikoff has arranged over three dozen Limited Attendance Seminars covering a broad spectrum of subjects. Bob White's Research Seminars and Poster Clinics and Keith Krell's Table Clinics by graduate students and practicing endodontists, plus the new Practitioners' Platform for problem solving and unusual cases, add up to a mind-boggling buffet of scientific and clinical information waiting for you.

Cindy Rauschenberger and the Educational Affairs Committee have put together Wednesday's Continuing Education Course entitled "Historical and Contemporary Perspectives on Endodontic Instrumentation Techniques." It covers the full range of techniques and devices for biomechanical preparation of the root canal space.

The General Interest Sessions follow up on last year's presentation of the AAE's general practitioner research with what patients think of endodontists. This year's emphasis will be on how we can convert that research into daily practice with patients and increase referrals.

Chris Wenckus and Elaine Wenckus, Auxiliary Liaison, and their committee of fellow Chicagoans are handling the local arrangements for a cornucopia of social and sports activities and tours of the highlights of Chicago. These are the folks in the trenches, handling the tasks that make a meeting a success, and doing it so well you don't know they're doing it at all. Thanks to all of you from all of us.

Irma Kudo, Laura Galusha, Letty Catrambone, Jill Cochran, Del Martin and all the Headquarters Office staff have put in thousands of hours to ensure this AAE birthday party will never be forgotten. Their dedication, professionalism and attention to detail are outstanding and deeply appreciated.

You will be impressed by the special events. Starting with the "Historical Reflections" Welcome Reception 40's party (we wanted it to be a "dress like you did in the 40's party," but too many of you were only a thought in the minds of your mom and dad!) to the Friday Luncheon with Charles Kuralt to the Coolidge Luncheon with all the past luminaries in AAE history and to the Saturday night "Future Directions" dinner dance, you will move from one spectacular event to the next.

Our Annual Session is always a big endodontic family reunion. But this year we will have members of that family joining us who may not have come to the reunion recently. It will be wonderful to see them again and introduce them to our international endodontic family, as the largest endodontic meeting in the world comes home to Chicago.

Best wishes for learning, living, reliving and laughing during our 50th Anniversary celebration.

A handwritten signature in blue ink that reads "Stuart B. Fountain". The signature is written in a cursive, flowing style.

Stuart B. Fountain, DDS, MS
President



AAE Board of Directors, 1992-93



Stuart B. Fountain
President



Eric J. Hovland
President-elect



Richard C. Burns
Vice-President



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1995



Denis E. Simon, III
1993



John W. Myers
1995

District III Directors



Paul D. Eleazer
1994



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1995



Steven G. Morrow
1993



Neil W. Bryant
1994

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District V Directors

District VI Directors



General Information

The Hyatt Regency Hotel in Illinois Center will be the headquarters hotel for the 50th Annual Session.

AAE HEADQUARTERS OFFICE

Group Office, East Tower

AAE's Headquarters Office staff will manage the office. Hours are 8 am - 5 pm Tuesday thru Sunday.

EXHIBITS

Wacker Hall East, East Tower

Because exhibitors help to defray some of the cost of the Annual Session, we encourage you to stop by the exhibits and place your orders. *Badges must be worn in the Exhibit Hall.*

Complimentary coffee service will be provided on Thursday, Friday and Saturday in the exhibit area. Exhibit hours are scheduled as follows:

Thurs/April 29	10 am - 6 pm
Fri/April 30	8 am - 5 pm
Sat/May 1	8 am - 12 n

CASSETTE TAPE RECORDING

Teach'em Inc. will record many of the sessions presented. The cassette tapes are available for purchase in the Grand Ballroom Foyer, East Tower.

CONTINUING EDUCATION FORMS

Forms for continuing education may be picked up and/or validated at the AAE Registration Desk; if closed, try the AAE Headquarters Office.

REGISTRATION

Grand Ballroom Foyer, East Tower

Registration fees include the following:

AAE members (except student members)	
Wed/April 28	Welcome Reception
Thur/April 29	Breakfast, all sessions
Fri/April 30	Continental breakfast, lunch, all sessions
Sat/May 1	Continental breakfast, lunch, one ticket to the President's Dinner Dance, all sessions
Sun/May 2	Buffet breakfast, all sessions

AAE student members — all sessions and Welcome Reception

Non-member professionals, students & dental auxiliaries — all sessions

Spouses — Welcome Reception

Registration Hours

Wed/April 28	11 - 8 pm
Thurs/April 29	8 - 5 pm
Fri/April 30	8 - 11 am

PEER CONSULTANT REGISTRATION

Information Center, Wacker Hall East

Interested in serving as a resource for other AAE members? Then become a peer consultant and offer your expertise in such areas as practice management, insurance claims, or buying/selling a practice. Registration forms are located at the AAE Information Center in the Exhibit Hall.

PRESIDENT'S DINNER DANCE

Grand Ballroom, East Tower

Saturday, 7:30 - Midnight

Your table selection for the President's Dinner Dance must be made before 5 pm on Thursday by exchanging your voucher for a banquet ticket at the AAE Registration Desk. If you wish to have group seating, you must reserve the space by presenting at the same time a voucher for each person in your group.

Each table seats ten people. No exceptions will be made. There will be tables reserved for singles (without significant others).

SPEAKER AV READY ROOM

Columbus Hall B, East Tower

Program participants are urged to review their audiovisual materials in the speaker ready room prior to their presentation to avoid possible problems.

TAPING

Audio and video taping are allowed **ONLY** with permission of speaker.

Part II: Alternative Instrumentation Techniques



1:15 pm

Cavi-endo: flare, file with new instrumentation
• HOWARD MARTIN, DMD,
Silver Springs, MD

A simple, efficient, effective approach to canal preparation, updating cavi-endo ultrasonics and the latest instruments which create a smooth, clean canal for ease of obturation. Instruments discussed are endo access bur, cavi-endo ultrasonics, M series orifice openers and control safe end H & K files.



2:05 pm

New dimensions for root canal preparations: the consequences of automated nickel titanium instrumentation
• JOHN T. McSPADDEN,
DDS, Chattanooga, TN

Pervasive in root canal failures are the limitations imposed upon the operator by instrument design and material. Nickel titanium and mechanical utilization of new file designs remove many threats for instrumentation failures. Moreover, "difficult" cases can now be approached effectively, expeditiously and effortlessly with favorable consequences for enhanced obturation.

BREAK 2:55 pm



3:15 pm

Passive step-back technique: A sequential use of ultrasonic and hand instruments
MAHMOUD TORABINEJAD,
DMD, MSD, Loma Linda, CA

The main objectives of root canal preparation are removal of irritants and enlargement of the root canal system to be filled in three dimensions. To achieve these goals, the prepared root canal should have a progressive taper from its orifice to its terminus and should stimulate its original anatomy as much as possible. A number of hand, sonic and ultrasonic instrumentation techniques have been used to prepare

root canals. Based on the endodontic literature, each technique has its own limitations when used alone. In this presentation, a combined sequential method of hand/ultrasonic techniques will be presented to achieve desired root canal preparations.



4:05 pm

The canal master: a new root canal instrument and instrumentation technique
• E. STEVE SENIA, DDS, MS,
San Antonio, TX

Because properly cleaning and shaping the root canal system is such a critical element of successful endodontics, we need instruments to perform this difficult task. Existing instruments have significant limitations. They do not stay centered in curved canals when sizes large enough to ensure cleaning all canal walls are used. This lecture discusses instrumentation, the canal master design and its use.

Dinner Dance Ticket Exchange

Gather your friends and exchange your seating vouchers for the President's Dinner Dance no later than 5 pm Thursday, April 29. Each table seats ten, so make arrangements early to enjoy this elegant evening of gourmet dining, dancing and merriment!

WELCOME RECEPTION - "HISTORICAL REFLECTIONS"

Grand Ballroom, East Tower (by ticket only)
7 - 9 pm

This kick-off to the AAE's 50th Anniversary Annual Session will feature a "Fabulous Forties" theme, with the sounds of the Andrews Sisters and much more. Don your favorite 1940's attire and join friends, family and colleagues in an evening of feast and celebration commemorating the first 50 years of the AAE.

Program, continued

THURSDAY AM, APRIL 29

OPENING SESSION BREAKFAST

Regency Ballroom A-D, West Tower
(by ticket only)
8 - 10 am

Keynote: STUART B. FOUNTAIN, DDS, MS
President, American Association
of Endodontists

Guest: JACK H. HARRIS, DDS
President, American Dental Association

EXHIBITS

Wacker Hall East, East Tower
10 am - 6 pm

DISTRICT CAUCUSES

10 - 11 am (all rooms are on the 3rd floor, West Tower)
District I McCormick
District II Burnham
District III Addams
District IV Wright
District V Ogden
District VI Horner

AFFILIATE LEADERSHIP CONFERENCE

Officers of state and federal affiliates
Toronto Room, West Tower
11 am - 12 n

Thursday's Scientific Sessions by Drs. Baumgartner, Torneck and Weine are dedicated to those biologically-oriented professionals who provided the scientific presentations at our first annual meeting:

Dr. Emmet B. Bay
"A Physician Looks at the Root Canal Problem"

Dr. Augustus H. Mueller
"Morphology of Root Canals"

Dr. Robert Kesel
"Bacteriologic Aspects of the Pulpless Tooth"

Dr. Thomas J. Hill
"A Pathologist Looks at the Root Canal Problem"

Dr. S. Marshall Weaver
*"Evidence of Histologic Repair Following
Root Canal Therapy"*

Dr. Ralph F. Sommer
"A Clinician Looks at the Root Canal Problem"

SCIENTIFIC SESSION I

Grand Ballroom E-F, East Tower
Moderator: I.B. BENDER, DDS, Elkins Park, PA



11 am - 12:30 pm

Microbiological aspects of non-surgical root canal treatment
J. CRAIG BAUMGARTNER,
DDS, MS, PhD, Portland, OR

The relationship between microorganisms and infections of endodontic origin has been well established. The "Theory of Focal Infection" and "Culturing" are prominent in the history of endodontics. More recent research has shown that anaerobic bacteria predominate in infected root canals but other bacteria, fungi and viruses may also be involved.

GENERAL INTEREST SESSION I

Grand Ballroom B, East Tower
Moderator: W. PAUL RADMAN, DDS, Dallas, TX

11 am - 12:30 pm, 2 - 5 pm



S. F. Schwartz



B. Fink

The how-to of building, buying and selling a specialty practice

STEPHEN F. SCHWARTZ, DDS, MS, Houston, TX
• BERNARD FINK, DDS, Fairfax Station, VA

This presentation will provide a step-by-step technique for the retention and recruitment of an effective and valuable referral base. This disciplined approach will eliminate those awkward lunches and strained conversations as well as your "call reluctance" in approaching potential new referrers. The second half of this presentation will describe in detail the methods of practice evaluation, associateship agreements, buy-sell agreements, stock purchase agreements, and the steps in the purchase or sale of an endodontic practice. The financing of these agreements as well as the pitfalls from both the buyer and the

*Presenter

seller's perspective will also be discussed. This portion of the program is important to anyone considering retirement, selling a practice, or purchasing a practice or associateship. (This session will not be taped.)

RESEARCH SEMINARS I

Grand Ballroom A, East Tower

Moderators: ROBERT A. AUGSBURGER, DDS, MSD, Fairfax, VA
ROBERT R. WHITE, DMD
Boston, MA

11:00

Continuous dual wavelength spectrophotometry as a diagnostic test of the pulp chamber in dog's canines
RONI NISSAN*, P. BUXT & M. TROPE,
Temple Univ

11:10

Pulse oximetry as a definitive diagnostic tool
JAMES A. WALLACE* & J. SCHNETTLER,
Univ of Pittsburgh

11:20

The use of an infrared noncontact thermometer as a diagnostic test of tooth vitality
PAUL BUXT*, R. NISSAN & M. TROPE,
Temple Univ

11:30

Optical detection of blood traversing the pulp space
LISA R. WILCOX*, A.M. DIAZ-ARNOLD &
M.A. ARNOLD, Univ of Iowa

11:40

Measurement of blood flow to osseous tissue in dogs
WILLIAM T. JOHNSON*, G.K. JOHNSON,
K.R. BAUMGARDNER & G.L. TODD, Univ of Iowa
& Univ of Nebraska

11:50

Resistance to fracture of restored endodontically treated premolars
RAMON HERNANDEZ*, D. BOSTON, S. BADER &
M. TROPE, Temple Univ

12:00

The influence of various factors on the radiographic periapical status of endodontically treated teeth
HEIDI RAY-MONTELEONE*, M. TROPE, P. BUXT
& S. SWITZER, Temple Univ

12:10

In vitro endotoxin penetration of coronally unsealed endodontically treated teeth
EDMOND K. CHOW*, M. TROPE & R. NISSAN,
Temple Univ

12:20

An evaluation of three materials as barriers to coronal microleakage in endodontically treated teeth
BRUCE M. BECKHAM*, R.W. ANDERSON &
C.F. MORRIS, Medical College of Georgia

LIMITED ATTENDANCE SEMINARS

Limited seating. NO standing permitted.
11 am - 12:30 pm

LAS 1 - Columbus Hall A, East Tower

Understanding the balanced force technique
EUGENE A. PANTERA, JR., DDS, MS, Buffalo, NY

This non-mechanical technique uses the clockwise and counter-clockwise rotation of endodontic files. Topics include rationale for rotation, instrument selection, technique, apical patency, creating the apical capture zone, and difficulties.

LAS 2 - Columbus Hall C-D, East Tower

Mastering endodontic excellence
JOHN D. WEST, DDS, MSD, Tacoma, WA

What does mastering endodontic excellence look like? How do we get there? What are the challenges of contemporary endodontic finishing? What is the role of endodontics in interdisciplinary dentistry? By the year 2000, new thinking in endodontics will be needed for "all" practitioners. In order to consistently produce and expand our endodontics to the highest caliber, these will be some of our essential questions as endodontists of the future. (This LAS will not be taped.)

LAS 3 - Columbus Hall E-F, East Tower

Ratner bone cavity: something to consider in your differential diagnosis for chronic orofacial pain
KENNETH J. SPOLNIK, DDS, MSD,
Indianapolis, IN

A recently discovered oral disease process of infectious origin is described. This disease is characterized by medullary cavities of various size. The relationship between these cavities and orofacial pain is explored.

• *Speaker serves as a consultant and/or has a commercial interest in subject matter.*

Program, continued

LAS 4 - Columbus Hall G, East Tower
Transplantation/replantation of the teeth: a prospective approach

FOUAD KHOURY, DDS, PhD, Munster, Germany
The pathophysiologic aspects of periodontal and pulpal healing will be addressed regarding transplants and replantations. Along with indications and contraindications, surgical preplanning, surgical techniques, and postoperative management will be discussed. Complications and long term results will be addressed in this prospective approach to treatment.

LAS 5 - Columbus Hall H, East Tower
The calcium hydroxyde myth: fact or fantasy?

PAUL R. WESSELINK, DDS, Amsterdam, Netherlands
During recent years calcium hydroxyde has become the drug of choice for medicating the root canal system. This has stimulated the belief that it is the drug itself that cures such diseases as root resorption perio-endo lesions, apexifications, continuous exudation cases, and so forth. This seminar will discuss how beneficial calcium hydroxyde really is, and whether other treatment modalities are possible in these situations.

LAS 6 - Columbus Hall I-J, East Tower
Dentin bonding and endodontics

WILLIAM P. SAUNDERS, BDS, PhD, Glasgow, Scotland
Chemical adhesion to dentin improves the seal of orthograde and retrograde root fillings. Dentin bonding also allows a more conservative approach to the restoration of endodontically treated teeth. Concepts of bonding in endodontics will be critically reviewed.

LAS 7 - Columbus Hall K-L, East Tower
The generalist/endodontist relationship: new challenges, implications and solutions

GERALD N. GLICKMAN, DDS, MS, Dallas, TX
The complex relationship between the generalist and the endodontist is perpetually changing and must be continuously nurtured to ensure complete satisfaction for all parties involved. This presentation will focus on the results and implications of a detailed 1992 survey of 10,000 general practitioners in the U.S. regarding endodontics, independently conducted by the Baylor College of Dentistry, in which a variety of unique problems between the generalists and endodontists were identified. Possible solutions to these issues will be discussed so as to help increase and enhance the overall referral process.

THURSDAY PM, APRIL 29

A.B.E. LOUIS I. GROSSMAN MEMORIAL LUNCHEON

Regency Ballroom C-D, West Tower (by ticket only)
12:30 - 1:45 pm
Moderator: LEIF K. BAKLAND, DDS, Loma Linda, CA



Diplomat or Diplomate. The "e" makes a difference
JOHN I. INGLE, DDS, San Diego, CA

SCIENTIFIC SESSION II

Grand Ballroom E-F, East Tower
Moderator: SAMUEL SELTZER, DDS, Philadelphia, PA

2 - 3:30 pm



The Hollow-Tube Theory and the 90's
CALVIN D. TORNECK, DDS, MS, Toronto, Canada

The Hollow-Tube Theory of Rickert and Dixon, published in 1931, heralded a renaissance in endodontic treatment. It was not until the mid 1960's that the limitations and inadequacies of the theory became apparent and the real cause of endodontic disease, microorganisms, was identified. This presentation will focus on what was wrong with the Hollow-Tube Theory and the more current relationship between the "space," endodontic disease and treatment failure.

GENERAL INTEREST SESSION I

Grand Ballroom B, East Tower
The how-to of building, buying and selling a specialty practice
2 - 5 pm
(continued from morning session)

RESEARCH SEMINARS II

Grand Ballroom A, East Tower

Moderators: MAHMOUD TORABINEJAD,
DMD, MSD, Loma Linda, CA
ROBERT R. WHITE, DMD,
Boston, MA

Graduate Student Section

2:00

An evaluation of the bond strengths of dentin bonding agents used to seal root-end resections
DALE A. MILES*, D.H. PASHLEY &
R.W. ANDERSON, Medical College of Georgia

2:10

The effect of osteoinductive implants on wound healing following periradicular surgery
SUSANA M. BRUCE* & J.W. HARRISON,
Baylor College of Dentistry

2:20

A comparison of intraosseous wound healing of hemostatic agents
LUKE B. KAUFFMAN* & B.G. JEANSONNE,
Louisiana State Univ

2:30

Longitudinal evaluation of the seal of IRM root-end fillings
WALTER G. CROOKS*, R.W. ANDERSON &
B.J. POWELL, Medical College of Georgia

2:40

Blood and urine mercury levels following retrograde amalgams in primates
CATHY E. LONGOS*, J.E. VAN CURA,
M.E. ALVES & C. NALWAY, Univ of Illinois

2:50

Comparison of leakage between dry and wet filled retrograde cavities
ROBERT K. HIGA* & M. TORABINEJAD,
Loma Linda Univ

3:00

Fibroblast attachment to root-end filling materials
SYLVESTER C. ROBINSON*, G.S. SCHUSTER,
P.D. PRIMACK & J.B. LEWIS, US Army Dental
Activity & Medical College of Georgia

3:10

Comparison of apical seals using retrograde amalgams and ND:YAG laser
WINIFRED WONG*, P.A. ROSENBERG,
R. BOYLAN & A. SHULMAN, New York Univ

3:20

Efficacy of XeCl-308 nm excimer laser in fusing hydroxyapatite to seal the root apex
CHAIM MOR*, I. ROTSTEIN, J. NEEV &
A. STABHOLZ, Hebrew Univ & Beckman Laser
Institute & Univ of California

3:30

The effects of vacuuming on dye leakage patterns
JOHN W. MASTERS*, R. HIGA &
M. TORABINEJAD, Loma Linda Univ

3:40

Development of periapical lesions in immunosuppressed rats
PHILLIP A. WATERMAN JR.*,
M. TORABINEJAD, P. McMILLAN &
J. KETTERING, Loma Linda Univ

3:50

Effect of bisphosphonates and gallium on dentin resorption in vitro
FREDERICK R. LIEWEHR*, D.H. PASHLEY,
G.S. SCHUSTER & P.D. PRIMACK, US Army
Dental Activity & Medical College of Georgia

4:00

Concentration of CGRP in symptomatic and asymptomatic human pulp tissue
HEIDI K. KANNING* & D.L. CARNES,
Univ of Texas at San Antonio

4:10

Pharmacological regulation of neuropeptide secretion from dental pulp
KENNETH M. HARGREAVES*, D.J. JACKSON,
M. ENGELSTAD & M. GARRY,
Univ of Minnesota

Badges must be worn at all official AAE functions.

*Presenter

Program, continued

4:20
Peripheral opioid receptor mediated analgesia in inflamed dental pulps
ROBERT UHLE*, A. READER, R. NIST,
M. BECK, W. MEYERS & J. WEAVER,
Ohio State Univ

4:30
Temporal and spatial characterization of the pulpal response to injury
TIMOTHY A. BACHMAN*, K.R. BAUMGARDNER,
M. LITZ, W.T. BUTLER & R.N. D'SOUZA,
Univ of Texas at Houston

4:40
Detection of IL-2 in healthy and inflamed dental pulps
JEFFREY C. BAILEY* &
C. RAUSCHENBERGER, Univ of Maryland

4:50
Hypoxia in pulpal inflammation demonstrated by ³H-Misonidazole retention
KIRK R. BAUMGARDNER*, R.E. WALTON,
J.W. OSBORNE & J.L. BORN, Univ of Iowa &
Univ of New Mexico

SCIENTIFIC SESSION III

Grand Ballroom E-F, East Tower
Moderator: SEYMOUR OLIET, DDS,
Ardmore, PA



3:30 - 5 pm
Historical perspectives on nonsurgical treatment—clinician's viewpoint
FRANKLIN S. WEINE, DDS,
MSD, Chicago, IL

Fifty years ago, a huge percentage of endodontic cases were treated surgically, particularly those with periapical lesions. Since that time, the ratios of surgical to nonsurgical therapy have moved in both directions. This presentation will discuss why methods of treatment have changed and will prognosticate the changes anticipated in the future.

* *Presenter*

PRACTITIONERS' PLATFORM

Columbus Hall K-L, East Tower
Moderator: GERALD N. GLICKMAN, DDS, MS
Dallas, TX

2:00
Maxillary lateral incisor, fusion morphology with dens-in-dente
FRED W. BENENATI, DDS, Norman, OK

2:15
Delayed symptoms and healing of periradicular radiolucency
CHARLES J. CUNNINGHAM, DDS,
Gainesville, FL

2:30
Handling wide root canals with an open apex
HESHAM M. EI TAGOURI, DMD, MSD,
Buffalo, NY

2:45
Non-surgical endodontic treatment of a dens-in-dente
RAFAEL MINANA, DDS, MD, Madrid, Spain

3:00
A classic diagnostic challenge
GERALD N. GLICKMAN, DDS, MS, Dallas, TX

3:15
Treatment of traumatic midroot fractures
MORDEHAI SCHECTER, DDS, Givataim, Israel

3:30
Involving management both medical and communications
GREGORY M. SEMASHKO, Pittsburgh, PA

Need a Break?

Complimentary coffee will be provided in the Exhibit Area on Thursday and Friday at 10:30 am and 2:30 pm and at 10:30 am on Saturday.

LIMITED ATTENDANCE SEMINARS

Limited seating. NO standing permitted.
2 - 3:30 pm

LAS 8 - Columbus Hall A, East Tower
Treatment planning in surgical endodontics: Do we have to evaluate GTR and immediate implants?
GABRIELE PECORA, DDS, Rome, Italy
RENATO CELLETTI, DDS, Rome, Italy
LUIGI ANTONINI, DDS, Rome, Italy

This presentation will focus on clinical situations where surgical endodontics may jeopardize the amount of remaining bone. Alternative treatment regimens that should be considered in endodontic treatment planning will be addressed.

LAS 9 - Columbus Hall C-D, East Tower
Replantation of teeth - the endodontic perspective
SHIMON FRIEDMAN, DMD, Toronto, Canada
MARTIN TROPE, BDS, DMD, Philadelphia, PA

The relationship between the endodontium and the prognosis of replanted teeth will be discussed in view of the recent research regarding mechanisms of root resorption and relevant endodontic treatment modalities.

LAS 10 - Columbus Hall E-F, East Tower
Media training workshop (2 - 5 pm)
(Repeated as LAS 34 on Saturday)
JOEL C. SMALL, DDS, Plano, TX
RUTH MUGALIAN, Chicago, IL
RICHARD C. BURNS, DDS, San Mateo, CA
GERALD C. DIETZ, SR., DDS, MS, Bloomfield Hills, MI

Techniques for effective interviews with print and electronic media will be taught through role-playing, critiques by presenters and audience members and review of actual interviews about endodontics by AAE members.

LAS 11 - Columbus Hall G, East Tower
Endodontics in the maintenance of arch integrity
KATSUEI MORI, DDS, Tokyo, Japan
LOUIS E. ROSSMAN, DMD, Philadelphia, PA

The endodontist is part of a team rendering dental care to patients. Decisions whether a specific tooth can be saved or extracted are made every day. Sometimes these decisions are not routine and the entire treatment plan depends on the predictability of the procedure. This seminar will address those advanced clinical problems that are unusual. Solutions using carefully documented step-by-step approaches, long term follow-up documentation and a multitude of cases will be

offered in the areas of forced eruption, endo-perio, and posterior endodontic surgery, including intentional replantation.

LAS 12 - Columbus Hall H, East Tower
Posts from an endodontic point of view
DONALD A. MILLER, DDS, Glen Ellyn, IL

With the many post systems now available, it may be confusing as to which is the best post to use in restoring a tooth or the hardest to remove in a retreatment case. This presentation will review and categorize currently available post systems as well as the pros and cons of some posts.

LAS 13 - Columbus Hall I-J, East Tower
Making your electronic apex finder more user friendly
NEVILLE J. McDONALD, BDS,MS, Baltimore, MD

Some clinicians continue to be skeptical about electronic apex locators. This seminar reviews the important literature and presents a clinical technique which allows the practitioner to make working length determinations using electronics confidently and accurately.

AADS SECTION MEETING

Columbus Hall I-J, East Tower
4:30 - 5:30 pm

February, 1943

Washington, DC ...Shoe ration set at three pairs a year due to leather shortage.

Insurance Questions?

Treloar and Heisel has been the endorsed administrator of insurance programs for the AAE for the past 15 years. Stop by their booth in the Registration Area.

Program, continued

FRIDAY AM, APRIL 30

FUN RUN

6:15 - 8:30 am
Run/walk along Chicago's breathtaking lakefront

RESEARCH AND EDUCATION FOUNDATION BREAKFAST

Catch a Rising Star, East Tower
7:30 - 8:45 am

CONTINENTAL BREAKFAST

Wacker Hall East (by ticket only)
7:45 - 8:30 am

EXHIBITS

Wacker Hall East, East Tower
8 am - 5 pm

LIMITED ATTENDANCE SEMINARS

Limited Seating. NO standing permitted.
8:45 - 10:15 am

LAS 14 - Columbus Hall A, East Tower
Immediate core build-ups as the final coronal endodontic seal

DENNY SOUTHARD, DDS, MSD, Tulsa, OK
Recent evidence and clinical acumen suggests many endodontic failures are due to crown-down leakage or iatrogenic post-core procedures. This presentation will discuss aspects of core build-ups being placed by the endodontist.

LAS 15 - Columbus Hall C-D, East Tower
The clinicians' approach to facial pain
GEORGE A. ZURKOW, DDS, Wilmington, DE
BARRY KAYNE, DDS, Newark, DE

Although endodontists are skilled in diagnosis of pain from pulpal or periapical disease, to make a differential diagnosis they need to know about other diseases and syndromes simulating odontalgia or causing facial pain.

LAS 16 - Columbus Hall G, East Tower
Nickel-titanium instruments and application
THOMAS P. SERENE, DDS, MSD, Charleston, SC
Scientific and clinical information will be presented concerning the new nickel-titanium hand files and their application.

LAS 17 - Columbus Hall H, East Tower
Root perforations—diagnosis, prognosis, and treatment
ZVI FUSS, DMD, Tel Aviv, Israel
This presentation will review various methods and safeguards for prevention of perforations and it will focus on both aspects of treatment: localization of the site and choice of the appropriate therapeutic modality. Use of radiographic and electronic means, supplemented by direct observation with fiberoptics will be explained, as well as the criteria for selection of the material to be used in obturation of the perforation.

LAS 18 - Columbus Hall I-J, East Tower
Grafting materials and the use of coral in endodontic surgery
JEAN-YVES COCHET, DDS, CES, Paris, France
Considerable attention has been given to the use of grafting materials in endodontic surgery in order to improve the amount of new connective tissue attachment and bone regeneration. They can be used for filling bony defects, which in some cases extended to the crustal bone or to the anatomical cavities such as sinus or nasal fossea. Natural coral, submitted to rigorous protocols of purification and sterilization, can be used as a replacement biomaterial for bone graft in endodontic surgery, which is progressively and totally replaced by a newly formed bone.

LAS 19 - Columbus Hall K-L, East Tower
Intracoronar bleaching of nonvital teeth—prognosis and hazards
ILAN ROTSTEIN, CD, Jerusalem, Israel
Intracoronar bleaching of nonvital teeth has occasionally been associated with damage to oral tissues. The prognosis and preventive treatment modalities will be discussed, based on clinical and experimental studies.

Badges must be worn during all official AAE functions.

February, 1943
The Jefferson Memorial was dedicated in Washington, DC.

POSTER CLINICS - Graduate Student Section

Wacker Hall East

9 am - 12 n

- PC 1 *Chronic facial pain—could it be NICO?*
RODNEY C. BROWN, DDS &
MARK A. BYRON, DDS,
West Virginia Univ
- PC 2 *Counterclockwise torsional properties of files after “balanced force” instrumentation*
DAVID A. CERVANTES, DDS
Univ of Texas at Houston
- PC 3 *Utilization of ketorolac tromethamine for control of severe odontogenic pain*
PAUL CURTIS, JR., DMD,
Univ of Louisville
- PC 4 *Leakage evaluation with and without vacuum of halothane-dip vs. laterally condensed gutta-percha fill techniques*
SCOTT S. DICKSON, DMD,
Univ of Texas at San Antonio &
Wilford Hall USAF Medical Center
- PC 5 *Irrigating characteristics of subsonic and ultrasonic handpieces and irrigating needles*
JEROME H. GLIKSBERG, DDS,
New York Univ
- PC 6 *Effects of restoration thickness on the sealing ability of TERM*
STEVEN R. HANSEN, DDS,
Wilford Hall USAF Medical Center
- PC 7 *Histopathological study on the effect of tetracalcium phosphate cement*
SHIGERU HAYAMI, DDS &
TADAO TODA, DDS, PhD,
Osaka Dental Univ
- PC 8 *Interpretation of endodontic file length adjustments using radiovisiography*
BEVERLY J. LEDDY, DDS, Indiana Univ
- PC 9 *A comparison of coronal leakage of teeth filled with thermafil and lateral condensation techniques*
CRAIG J. MALIN, DMD, Loma Linda Univ

- PC 10 *Stimulation of the feline pulp produces c-fos expression in trigeminal nucleus*
STEVEN G. MOHORN, DDS,
Univ of North Carolina
- PC 11 *Digital imaging vs. traditional radiographs for detection of dental periapical lesions*
KATHLEEN F. OLENDER, DDS,
Univ of Louisville
- PC 12 *3-D finite element analysis of endodontic condensation stresses*
LINDA RICKS, DDS, Univ of Iowa
- PC 13 *Identification of bone resorptive cytokines in human periapical lesions*
STEFFAN J. SCHERER, DDS,
Univ of North Carolina
- PC 14 *Comparison of retrograde cavities prepared by ultrasonic tips and burs*
GARY T. WUCHENICH, DDS &
DEBRA A. MEADOWS, DDS,
Loma Linda Univ

TABLE CLINICS - Graduate Student Section

Wacker Hall East

9 am - 12 n

- TC 1 *Obturation around separated instruments*
CHARLES M. ARITA, DDS,
Univ of Maryland
- TC 2 *The effect of autoclaving, stress and irrigants on the corrosion resistance stainless steel files*
JAMES C. ATEN, DDS, Northwestern Univ
- TC 3 *A comparison of three instrumentation techniques in curved root canals*
SCOTT K. BENTKOVER, DDS,
Univ of Illinois
- TC 4 *Efficacy of sterilizing files in a sponge*
KATHLEEN S. BOYD, DDS &
KEITH D. SONNTAG, DDS,
Univ of North Carolina
- TC 5 *The incidence of dystrophic mineralization in human dental pulp*
KAM CHAN, BDS, Northwestern Univ

Program, continued

- TC 6 *The effect of elevated calcium on normal osteoblasts*
IRENE C. CHANG, DDS,
Northwestern Univ
- TC 7 *The effect of isopropyl alcohol rinse on apical sealability*
SUSAN S. CLARKE, DMD,
Northwestern Univ
- TC8 *Three materials used in the repair of perforated dog's teeth*
MATTHEW K. DIETZ, DMD,
Northwestern Univ
- TC 9 *A comparison of three obturation techniques with dentin bonding sealers*
MIKE G. HALLAM, DMD,
Northwestern Univ
- TC 10 *Hemostasis—are you in control?*
CAROLYN A. KOENIG, DDS,
Baylor College of Dentistry
- TC 11 *Ultrasonic surgical preparation of the root-end*
KAREN R. LIPPS, DMD &
KENNETH C. WAY, DMD,
Univ of Maryland
- TC 12 *Endodontic-periodontic relationships*
VICTOR R. MANCUSO, DDS &
L. DOUGLAS FILLAK, DMD,
Northwestern Univ
- TC 13 *Protecting the mental nerve during apical surgery*
JULIAN R. D. MOISEWITSCH, BDS,
Univ of North Carolina
- TC 14 *Rubber dam isolation techniques*
PAUL W. MOYER, DDS &
JEFFREY T. WALKER, DDS,
Northwestern Univ
- TC 15 *Tooth extrusion in the practice of endodontics*
CAROL NIEHAUS, DDS &
BARBARA BOWERSOX, DDS,
Univ of Maryland
- TC 16 *Ultrasonic removal of root canal obstructions*
CRAIG T. NII, DMD &
ANDREW C. STEELE, DDS, Univ of Illinois
- TC 17 *The anatomy of local anesthesia*
ROBERT S. RODA, DDS,
Baylor College of Dentistry
- TC 18 *Profound anesthesia of the "hot" tooth*
PAUL A. SCOTT, DDS, Northwestern Univ

RESEARCH SEMINARS III

Columbus Hall, E-F, East Tower

Moderators: J. CRAIG BAUMGARTNER, DDS
Portland, OR
JIM R. PATTEN, DMD, MS, PhD,
El Paso, TX

Graduate Student Section

9:00

An evaluation of the effect of methylene blue dye pH on apical leakage

DENNIS L. STARKEY*, R.W. ANDERSON & D.H. PASHLEY, Medical College of Georgia

9:10

Effect of bleaching on coronal microleakage of endodontically treated teeth

GARY R. KARREN*, P.D. PRIMACK &
J.C. KULILD, US Army Dental Activity

9:20

Coronal leakage: in vitro bacterial penetration through unsealed, unobturated canals

STEVEN P. GISH*, D. DRAKE, L. WILCOX &
R. WALTON, Univ of Iowa

9:30

Effect of ultrasonic versus rotary apical preparation on in vitro leakage of bradykinin

GLEN R. CRANE* & K.M. HARGREAVES,
Univ of Minnesota

9:40

In vitro comparison of three techniques for instrumentation of curved canals

MARTIN E. KERSH*, D. STANILOFF, R. WHITE,
M. GOLDMAN & J. TENCA, Tufts Univ

9:50

Flexibility/torsional properties of nickel titanium and stainless steel files

GARY W. BRANKIN*, C.S. WENCKUS &
S.H. ASHRAFI, Univ of Illinois



10:00
Comparison of hand and hand/sonic techniques with an alternative instrumentation system
 KRISTIN A. ZAKARIASEN*, K.L. ZAKARIASEN & M. McMINN, Dalhousie Univ & Marquette Univ

10:10
Computerized analysis technique versus two conventional manual analyses of canal curvature
 LARRY E. PEACOCKE* & K.M. HARGREAVES, Univ of Minnesota

10:20
In vitro compressive strengths of two post-endodontic restorative techniques
 STEPHEN M. LYON*, M. CHARNLEY, R. WHITE & M. GOLDMAN, Tufts Univ

10:30
Quantitation of catecholamines in uninflamed human dental pulp tissue by high performance liquid chromatography
 MARK A. SCHACHMAN*, P.A. ROSENBERG, & H. LINKE, New York Univ

10:40
Antimicrobial peptides: preliminary in vitro and in vivo endodontic investigations
 DANIEL K. PRICE*, B.G. JEANSONNE & J. MAYO, Louisiana State Univ

10:50
Modulation of odontoblast communication in vitro
 ELLEN SACHS*, D.J. CHIEGO, JR., R.L. ELLISON & J.F. CORCORAN, Univ of Michigan

11:00
The validity of pulp vitality testing with the laser doppler
 JAMES M. MUSSELWHITE* & E.J. BURKES, Univ of North Carolina

11:10
Interpretation of experimental periapical lesions using radiovisiography
 ERIC T. YOKOTA*, C.W. NEWTON & C.E. BROWN, JR., Indiana Univ

*Presenter

11:20
Densitometric comparison of double and single pack intraoral X-ray films
 BENJAMIN J. PODURGIEL, III*, Univ of Connecticut

11:30
Radiographic determination of canal lengths: direct digital vs. conventional radiographs
 RANDALL T. HEDRICK*, D.D. PETERS & S.B. DOVE, Univ of Texas at San Antonio

11:40
An SEM investigation of the mesiolingual canal in maxillary molars
 LAURIE L. McKENDRY*, R. NIST & A. READER, Ohio State Univ

11:50
Prevalence and quality of endodontic treatment in an American population
 MICHAEL BUCKLEY*, E. BENDIK & L. SPANGBERG, Univ of Connecticut

SCIENTIFIC SESSION IV

Grand Ballroom A, East Tower
 Moderator: JOHN I. INGLE, DDS, San Diego, CA

Microleakage

The historical role that microleakage studies have played in the advancement of endodontics will be briefly presented to set the stage for expansion of microleakage concepts in contemporary endodontic success and failure.



9 - 9:20 am

Assessing microleakage—the fluid filtration method
 RONALD W. ANDERSON, DDS, MS, Augusta, GA

The fluid filtration method of assessing microleakage was developed at the Medical College of Georgia as an adaptation of methods used to measure dentin permeability. Endodontic applications have included the evaluation of temporary restorations and retrofilling materials. This presentation will review the use of the fluid filtration method in endodontics including the advantages over other in vitro methods of microleakage assessment.

Program, continued



9:20 - 9:40 am

Considerations in the quantification of microleakage
KENNETH L. ZAKARIASEN,
 DDS, MS, PhD,
 Milwaukee, WI

Endodontic microleakage is assessed by many different methods. This presentation will discuss the various methods used and new research will be presented comparing their efficacy when assessing both apical and coronal leakage.



9:40 - 10 am

Improved method for visualization of microscopic obturation voids
LARZ SPANGBERG, DDS, PhD,
 Farmington, CT

This session will discuss the appropriateness of dye labelling methods used to evaluate the completeness of root canal obturation. The evacuation of residual air in unfilled microscopic spaces is the first essential step in the process of demonstrating voids utilizing dye leakage. Potential problems with this approach to analyze obturation defects will be discussed.



10:10 - 10:30 am

Crowns and microleakage
 • **MELVIN GOLDMAN,** DDS,
 Boynton Beach, FL

Preparation of a tooth for a full crown opens a large number of dentinal tubules that communicate directly to the pulp. Microleakage patterns indicate that the pulp is quite possibly affected. Measures to protect the pulp are necessary. Similar microleakage patterns may also occur in crowned, endodontically treated teeth, which may create direct avenues of contamination to the root canal system.

• *Speaker serves as a consultant and/or has a commercial interest in subject matter.*



10:30 - 10:55 am

Considerations in coronal microleakage
WILLIAM P. SAUNDERS, PhD,
 BDS, Glasgow, Scotland

Coronal microleakage in root-filled teeth may allow reinfection of the root canal system, development of caries within the pulp chamber and root canal and furcation of periodontal lesions in molars. A critical review of coronal leakage in endodontics, this presentation gives methods for its measurement and prevention in clinical practice.

10:55 - 11:30 am

Clinical considerations and applications in microleakage
PAUL R. WESSELINK, DDS, Amsterdam, Netherlands

In spite of an increasing number of leakage studies, it is not clear which root canal filling best seals the canal. Neither is it understood how much leakage is clinically relevant or if zero leakage is an absolute prerequisite for a long-term success. During this lecture the problems with leakage studies will be discussed and recommendations for future research made.

February, 1943

Born...Lech Walesa, Polish labor and Solidarity leader

Need a Break?

Complimentary coffee will be provided in the Exhibit Area on Thursday and Friday at 10:30 am and 2:30 pm and on Saturday at 10:30 am.

GENERAL INTEREST SESSION II

Grand Ballroom B, East Tower

Welcome: DONALD E. ARENS, DDS, MSD,
Indianapolis, IN

Moderator: KENT CHRISTIANSEN, DDS,
Provo, UT

9 am - 12 n



J. Silversin



E. Monroe-Cook

What do patients think of you?

JACK SILVERVIN, DMD, DrPH, Cambridge, MA
ELIZABETH MONROE-COOK, PhD, Oak Park, IL

The AAE commissioned a study of patients' perceptions of their treatment experience in an endodontic practice. Dr. Monroe-Cook will report the key study findings and their specific implications. Excerpts from the videotaped patient focus group interviews will be used to illustrate key points, including the pivotal role of the referring dentist. Based on the study's implications, Dr. Silversin will suggest positive actions for endodontists and their staffs to take in satisfying patients' perceptions and concerns. (This session will be videotaped by the Public and Professional Affairs Committee and will be available with a workbook in *Building Relationships, Series II.*)

LIMITED ATTENDANCE SEMINARS

Limited seating. NO standing permitted.
10:30 am - 12 n

LAS 20 - Columbus Hall A, East Tower
Sale or purchase of an endodontic practice
PETER A. ALMONTE, Providence, RI

This program is for dentists and their spouses who are contemplating selling or buying within the next five years. Topics include: timing of the sale, valuation, tax consequences, documents, financing, lease issues and covenant-not-to-compete.

LAS 21 - Columbus Hall C-D, East Tower
Long term use of EBA cement as a retrograde filling and to seal perforations

JOSE V. OYNICK, DDS, Lomas Virreyes, Mexico
After using super EBA cement for 27 years as a retrofill and to seal perforations, the excellent clinical results supported by extensive biological research warrant the change from silver amalgam to this material. Case studies and material application will be addressed.

LAS 22 - Columbus Hall G, East Tower
Treatment of endodontic infections
FREDERIC BARNETT, DMD, Penn Valley, PA

The antibacterial effectiveness of instrumentation, irrigation and canal disinfection will be examined. Antibiotic regimens, incision and drainage, surgical intervention and the role of extraradicular endodontic infections will also be presented.

LAS 23 - Columbus Hall H, East Tower
Variations in the root anatomy of maxillary molar teeth
WILLIAM H. CHRISTIE, DMD, MS,
Winnipeg, Canada

Maxillary molar roots originate from a single root trunk, then dividing into three roots, but the pulp cavities are much more complex. Abnormalities include: two canal systems in broad roots, extra roots, lesser number of roots, taurodont chambers and "C" shaped pulpal anatomy.

LAS 24 - Columbus Hall I-J, East Tower
Horizontal and vertical fractures, diagnosis, treatment and prognosis
SEBASTIANO ANDREANA, DDS, Buffalo, NY
MAURIZIO FABI, DDS, Rome, Italy
CLAUDIO SERACCHIANI, MD, Rome, Italy

Several factors and parameters have to be considered in order to get a precise diagnosis of tooth fracture. This diagnosis will allow us to apply the right treatment. This presentation will address both the epidemiological data and classification of fractures, with particular attention focused on prognosis and treatment of fractures in young adults, in both vital and non-vital teeth.

LAS 25 - Columbus Hall K-L, East Tower
Endo for the 90's—flare, file & fill with new instrumentation
• HOWARD MARTIN, DMD, Silver Spring, MD

An effortless, effective, efficient approach to root canal treatment will be addressed, using the latest instrument innovations to create a smooth, clean, direct preparation for an easy fill with warm lateral condensation.

Program, continued

FRIDAY PM, APRIL 30

FRIDAY LUNCHEON

Grand Ballroom C-F, East Tower
 (by ticket only)
 12 n - 1:45 pm
 Moderator: JAMES L. GUTMANN, DDS, Dallas, TX



Speaker:
CHARLES KURALT
 New York, NY

Charles Kuralt is the host of CBS News' *Sunday Morning* and the author of the bestselling "A Life on the Road." Best known for his work on *Sunday Morning*, Kuralt has earned such prestigious broadcasting honors as the George Foster Peabody Award (three times) and ten Emmy Awards from the National Academy of Television Arts and Sciences.

Kuralt regularly takes part in CBS News coverage of special events—national elections, international summit meetings and such extraordinary news stories as the 1989 democracy movement in China. His trademark is finding the "little stories" that help viewers identify with the great events. During the crisis which lead to war in the Persian Gulf, he co-anchored the nightly CBS News broadcast *America Tonight*, including a series of national town meetings.

In his early days at CBS News, Kuralt reported from the far corners of the world: Africa, Asia, and all 23 Latin American nations. He even spent eight weeks on the ice of the Arctic Ocean covering the attempt of a polar expedition to reach the North Pole. He detailed his wanderings in six books, including his memoir, "A Life on the Road," which became the bestselling hardcover nonfiction book of 1990.

Louis I. Grossman Award



MAHMOUD TORABINEJAD
 Loma Linda, CA

The Louis I. Grossman Award is given to an AAE member for cumulative publication of significant research studies which have made an extraordinary contribution to endodontology.

Ralph F. Sommer Award



I. B. BENDER
 Elkins Park, PA



SAMUEL SELTZER
 Philadelphia, PA

The Ralph F. Sommer Award is presented for recognition to the principal author(s) of a publication of specific significance to the science and art of endodontology.

February, 1943

Leslie Howard, who played Ashley Wilkes in "Gone with the Wind," was killed in a plane shot down in the European theater of war.

RESEARCH SEMINARS IV

Columbus Hall E-F, East Tower

Moderators: DAVID S. AUGUST, DDS, MS
York, PA
KEITH V. KRELL, DDS, MS, MA
Des Moines, IA

2:00
Evaluation of different cooling mediums during exposure of enamel to a Nd:YAG laser
GUY C. LEVY* & I. RIZOIU,
Laser Hard Tissue Institute

2:10
Desensitization of dentin by Nd:YAG laser in dog teeth
SHIMON FRIEDMAN*, M. NARHI &
T. HIRVONEN, Univ of Toronto & Univ of Kuopio

2:20
Effects of Nd:YAG laser irradiation on permeability of root canal with dentin
LEO J. MISERENDINO*, G.C. LEVY, & I. RIZOIU,
Univ of Illinois

2:30
Structural and functional changes in root dentin following exposure to KTP laser
HOSSAM M. TEWFIK*, D.H. PASHLEY,
J.A. HORNER, M. M. SHARAWY &
R. W.ANDERSON, Medical College of Georgia

2:40
Efficacy of Argon laser irradiation in removing intracanal debris—a scanning electron microscope evaluation
JOSHUA MOSHONOV*, A. SION, I. ROTSTEIN,
J. KASSIRER & A. STABHOLZ, Hebrew Univ

2:50
Effects of XeCl excimer laser on streptococcus mutans
ADAM STABHOLZ*, J. NEEV, J. KETTERING &
M. TORABINEJAD, Loma Linda Univ

3:00
Effect of excimer laser irradiation on human pulpal fibroblasts
JAN T. NGUYEN* & C. MANGKORNKARN,
Univ of California, Los Angeles

3:10
Radicular penetration of H₂O₂ using various forms of sodium perborate
ROLAND WEIGER*, A. KUHN & C. LOEST,
Univ of Tübingen

3:20
Effect of bleaching agents on dental hard tissues: a histochemical study
EITAN DANKNER*, I. ROTSTEIN, M. ZALKIND,
A. GOLDMAN, I. HELING & A. STABHOLZ,
Hebrew Univ

3:30
Healing of bone cavities following application of ferric sulfate
SEUNG-JONG LEE*, M. TORABINEJAD &
S. D. RICHARDS, Loma Linda Univ

3:40
Microleakage measurements of EBA root-end fillings
JIMMY W. ARNOLD*, B.M. BECKHAM,
R.W. ANDERSON & D.H. PASHLEY, Medical
College of Georgia

3:50
Effect of setting time on leakage of selected retro-filling materials
DOUGLAS J. MCKENDRY*, R. HIGA,
M. TORABINEJAD, Loma Linda Univ

4:00
Evaluation of plaster bone barrier for repair of furcation perforations
HATEM A. ALHADAINY* & V.T. HIMEL,
Univ of Tennessee

4:10
Sealing ability of a mineral trioxide aggregate in lateral root perforations
ABDULLAH SOLUTI*, M. MONSEF, S.J. LEE &
M. TORABINEJAD, Loma Linda Univ



February, 1943

*Chicago Bears win third
football title in four years, 41-21,
over the Washington Redskins.*



*Presenter

Program, continued

4:20

Furcation perforations repaired with light and chemical cured materials

VAN T. HIMEL* & H.A. ALHADAINY,
Univ of Tennessee

4:30

Healing response to diaket-tricalcium phosphate root-end fillings

STEPHANIE S. WILLIAMS* & J.L. GUTMANN,
Baylor College of Dentistry

4:40

Detection of HIV in human periapical lesions

JAMES D. KETTERING*, M. TORABINEJAD,
J.J. ROSSI & D.A. ELKINS, Loma Linda Univ &
Beckman Research Institute

4:50

Effectiveness of various medications on pain following instrumentation

M.A.C. FRANKSON*, M. TORABINEJAD,
J. CYMERMAN, R. LEMON, H. SCHILDER,
Loma Linda Univ

LIMITED ATTENDANCE SEMINARS

Limited seating. NO standing permitted.

2 - 3:30 pm

LAS 26 - Columbus Hall A, East Tower

ADA-ISO standards and new systems of sizing for root canal filling condensers and obturating points

GIANLUCA GAMBARINI, MD, Rome, Italy
MASSIMO DeLUCA, MD, Rome, Italy

A survey of size designation and dimensions of condensers and obturating points shows great differences among brands. As standardization can simplify and improve filling techniques for endodontists, new sizing systems will be addressed and integrated into successful clinical applications.

LAS 27 - Columbus Hall C-D, East Tower

Prevention of apical periodontal ligament pain

ALFREDO CALDERON, DDS, Leon, Mexico

The incidence of post-operative pain in 100 vital cases using an orthalmic dexamethasone-neomycin solution during the complete instrumentation procedure will be addressed. Parameters of clinical usage will be discussed and integrated into contemporary methods of practice.

*Presenter

LAS 28 - Columbus Hall G, East Tower

The cast gold post and core revisited...an expanded endodontic service

MANUEL I. WEISMAN, DDS, Augusta, GA

The scope of endodontics includes post and core construction. The cast gold post and core can be an integral part of endodontic service in which the entire technical procedure is done within the endodontic sphere. A complete temporization format is also presented.

LAS 29 - Columbus Hall H, East Tower

The maxillary sinus: implications in conventional and surgical endodontic procedures

GERALD W. HARRINGTON, DDS, MSD,
Seattle, WA

Radiographic observations of diagnostic value will be presented, including projection effect, sinus recesses, mucositis, periostitis, and mucous retention cysts. Clinical implications of these observations as they relate to diagnosis, non-surgical root canal therapy and surgical approaches to the maxillary sinus will be discussed. (This LAS will not be taped.)

LAS 30 - Columbus Hall I-J, East Tower

Endodontics and lightening teeth

MICHAEL M. HOEN, DDS, Radcliff, KY

Clinical treatment methods will be discussed and cases presented demonstrating precautions, materials, techniques, restoration, and practical expectations for intra and extracoronal lightening of natural teeth.

LAS 31 - Columbus Hall K-L, East Tower

Endodontic insurance codes—what they are and how to use them

PHILIP W. COHEN, DDS, MS &
JANET FOWLER, Livonia, MI

An update on the new ADA endodontic codes, followed by a question and answer session on problem solving for your claims. Bring your questions.

February, 1943

*Jane Russell and "The Outlaw"
are a big hit!*

GENERAL INTEREST SESSION III

Grand Ballroom B, East Tower
 Moderator: SHEPARD S. GOLDSTEIN, DMD,
 Framingham, MA

2 - 5 pm



Mastering change: making the AAE study work for you

JACK SILVERVIN, DMD, DrPH,
 Cambridge, MA

Much was learned from the AAE's two-year study of general dentists' and patients' perceptions of endodontists. To apply what was learned, many endodontists will need to make significant changes in the way they and their staffs work together and relate to these two important "customer" groups. This presentation provides endodontists with the framework and skills to introduce changes that will have a meaningful impact on their bottom-line success. (This session will not be taped.)

SCIENTIFIC SESSION V

Grand Ballroom A, East Tower
 Moderator: WILLIAM T. JOHNSON, DDS, MS
 Iowa City, IA

2 - 3 pm



Historical and contemporary perspectives on root-end filling materials

MAHMOUD TORABINEJAD,
 DMD, MSD, Loma Linda, CA

Numerous substances have been suggested as retrograde filling materials. The suitability of these as retrograde filling materials has been tested as to their sealing ability, marginal adaptation, biocompatibility, and clinical performance. In this presentation the sealing ability and biocompatibility of the most commonly used materials such as amalgam and EBA cement will be compared with a recently developed aggregate. Future "ideal root-end filling materials and techniques" will be explored and discussed.

SCIENTIFIC SESSION VI

Grand Ballroom A, East Tower
 Moderator: HEDLEY RAKUSIN, BDS, MSC
 Dallas, TX

3 - 4 pm



Management of fascial space infections of odontogenic origin

JEFFREY W. HUTTER, DMD,
 Rockville, MD

Possessing the ability to diagnose and subsequently provide therapy to patients who present with a fascial space infection of dental origin is of paramount importance to the practicing endodontist. This very beneficial presentation will discuss the principles involved in examining and treating a patient with a dentoalveolar infection. Emphasis will be placed on patient assessment, culture and sensitivity, incision and drainage, antibiotic therapy and supportive care.

SCIENTIFIC SESSION VII

Grand Ballroom A, East Tower
 Moderator: RICHARD E. WALTON, DMD, MS
 Iowa City, IA

4 - 5 pm



HIV infection: patient identification, diagnosis and management

T. L. GREEN, DMD, MS, MEd,
 Dallas, TX

The arrival of Human Immunodeficiency Virus infections has profoundly altered the practice of dentistry. Recognition and management of HIV-infected individuals has become a routine part of dental care. This session will be directed to prepare the clinician to identify possible infected patients, discuss diagnostic procedures and address patient management.

Program, continued

SATURDAY AM, MAY 1

CONTINENTAL BREAKFAST

Wacker Hall East (by ticket only)
7:45 - 8:30 am

EXHIBITS

Wacker Hall East
8 am - 12 n

POSTER CLINICS - Endodontist Section

Wacker Hall East
8:30 - 11:30 am

- PC 15 *A comparative study of doxycycline irrigation on apical seal*
RAHMAT A. BARKHORDAR, DMD
San Francisco, CA
- PC 16 *The effects of retinoid acid on pulpal and periodontal ligament (PDL) fibroblasts*
ZHIRONG GAO, BDS, MS, PhD
Houston, TX
- PC 17 *Immunoglobulins localized in the dentinal tubules and pulpal tissues*
CHIN-LO HAHN, DDS, PhD,
Richmond, VA
- PC 18 *Sealing ability of various thermoplastic techniques*
GIN-ICHIRO HATA, DDS, Osaka, Japan
- PC 19 *Instrumentation effects of endodontic files on canal shape and apical foramen*
VAN T. HIMEL, DDS, Memphis, TN
- PC 20 *Treatment choices—comparison between general practitioners and endodontic postgraduates*
TOM C. PAGONIS, DDS, New York, NY
- PC 21 *Effect of glycerin on the placement of calcium hydroxide*
ERIC M. RIVERA, DDS, MS, Iowa City, IA
- PC 22 *Periodontal ligament injection in the dog: spread of solution*
MICHAEL TAGGER, DMD, MS,
Tel Aviv, Israel

TABLE CLINICS - Endodontist Section

Wacker Hall East
8:30 - 11:30 am

- TC 19 *A clinical evaluation of the sono-explorer*
NOBORU INOUE, DDS, Tokyo, Japan
- TC 20 *An electronic apex locator using the ratio method*
CHIIHIRO KOBAYASHI, DDS, PhD,
Tokyo, Japan
- TC 21 *An easier approach to palatal surgery*
JAMES A. WALLACE, DDS, MDS, MSD,
JOHN CARMAN, DDS, Pittsburgh, PA

RESEARCH SEMINARS V

Grand Ballroom A, East Tower
Moderators: JOSEPH I. TENCA, DDS, MA,
Weston, MA
EDWARD M. OSETEK, DDS,
Chicago, IL

8:30
Effects of recombinant BMP-2 and vitamin D on RPC C2A
SUNIL R. SRINIVASAN*, J.C. ZHANG, R. CROFT,
W. LORENZ, A. C. KARIM & M.Z. HUSSAIN,
Univ of California, San Francisco & Univ of Manitoba

8:40
Effect of IL-1 β on collagen synthesis in human dental pulp fibroblasts
RAHMAT A. BARKHORDAR*, L.W. LIM,
J.C. ZHANG & M.Z. HUSSAIN, Univ of California,
San Francisco

8:50
The immunocytochemical distribution of IL-2 and IL-2R in dental pulp
CINDY R. RAUSCHENBERGER* &
C. COOTAUCO, Univ of Maryland

9:00
The effects of three retrofilling materials on selected oral bacteria
CHAN-UI HONG*, M. TORABINEJAD, &
J.D. KETTERING, Loma Linda Univ

*Presenter

9:10

*Complex imaging in endodontics*GERALD N. GLICKMAN* & N. L. FREDERIKSEN,
Baylor College of Dentistry

9:20

*Reliability of root ZX apex locator tested by an
in vitro model*

ARIEH Y. KAUFMAN* & A. KATZ, Tel Aviv Univ

9:30

*Effect of preflaring on detection of the apical
constriction by tactile sensation*ADAM STABHOLZ*, I. ROTSTEIN &
M. TORABINEJAD, Hebrew Univ

9:40

*Comparison of curved canals preparation with two
techniques and two differently tipped instruments*YASMINE CHANAN*, J. C. BUTTY, B. CIUCCHI
& J. HOLZ, Univ of Geneva

9:50

*Follow-up of root canals obturated in conjunction with
a glass ionomer root canal sealer*CLAUS LOEST*, M. TROPE & S. FRIEDMAN,
Temple Univ

10:00

*Evaluation of dipping techniques using different
solvents*CHENG D. FONG*, A. RIEGEL, G. BESEN &
G. HASSELGREN, Columbia Univ

10:10

*Cytotoxicity testing of an endodontic obturating device*WAI-CHOONG FOONG*, E.J. SUTOW,
K. L. ZAKARIASEN, P. HIDI & D. W. JONES,
Dalhousie Univ

10:20

*Alteration of biological properties of bacterial LPS by
Ca(OH)₂ treatment*KAMRAN E. SAFAVI* & F. NICHOLS,
Univ of Connecticut

10:30

*Evaluation of long term Ca(OH)₂ treatment in avulsed
teeth of monkeys*THOM C. DUMSHA* & E. HOVLAND,
Univ of Maryland

10:40

*Root resorption of dog teeth replanted in conjunction
with a controlled release tetracycline gel after extended
storage*MARTIN TROPE*, C. YESILSOY, J. MOSHONOV
& R. NISSAN, Temple Univ

10:50

*A SEM and pH study of roots filled with Ca(OH)₂*MARK C. BAKER*, J. WILLIAMS & S.H. ASHRAFI,
Univ of Illinois

11:00

*Antimicrobial and toxic effects of established and
potential root canal irrigants*CEMIL YESILSOY*, E. WHITAKER,
D. CLEVELAND, E. PHILLIPS & M. TROPE,
Temple Univ

11:10

*The effects of three retrofilling materials on L929 cells*THOMAS R. PITT-FORD*, M. TORABINEJAD,
C. HONG & J.D. KETTERING, Loma Linda Univ

11:20

*Effects of various medications on pain following
obturation*ABDULAH SOLUTI*, D.H. GLICK, P.D. ELEAZER,
K.R. MULLINS & M. TORABINEJAD,
Loma Linda Univ**LIMITED ATTENDANCE SEMINARS**

Limited seating available. NO standing permitted.

8:45 - 10:15 am

LAS 32 - Columbus Hall A, East Tower

Management of dentistogenic perforations

NIJOLE A. REMEIKIS, DDS, Chicago, IL

Prevention and management of perforations during
access cavity preparation or root canal instrumentation
will be discussed. Treatment alternatives will be
illustrated by clinical examples.

LAS 33 - Columbus Hall C-D, East Tower

*The use of brain wave synchronizers (photo-stimulation
goggles) in the management of endodontic anxiety*

DONALD R. MORSE, DDS, PhD, Cherry Hill, NJ

Following a discussion of stress and its management,
the use of a brain wave synchronizer to achieve the
alpha stage of relaxation is presented and demonstrated.
Attendees can practice the technique.

Program, continued

LAS 34 - Columbus Hall E-F, East Tower
Media training workshop (8:45 - 11:45 am)
(Repeat of LAS 10 on Friday)
JOEL C. SMALL, DDS, Plano, TX
RUTH MUGALIAN, Chicago, IL
RICHARD C. BURNS, DDS, San Mateo, CA
GERALD C. DIETZ, SR, DDS, MS,
Bloomfield Hills, MI

LAS 35 - Columbus Hall G, East Tower
Therapeutic uses of steroids in endodontics
J. GORDON MARSHALL, DMD, Portland, OR
ALAN W. LIESINGER, DMD, Roseburg, OR

The indications and contraindications for the use of systemic steroids in the treatment of endodontic pain will be presented. The discussion will include a review of the pharmacology of steroids, as well as recent research in the field.

LAS 36 - Columbus Hall H, East Tower
Generic tricalcium phosphate plugs
HENRY L. HARBERT, DMD, Everett, WA

This inexpensive, sterilizable, absorbable, biocompatible material can be mixed with water and condensed like amalgam into furcation perforations and open, wet apices to dry canals and abbreviate treatment.

LAS 37 - Columbus Hall I-J, East Tower
Running your practice as a business
• BART F. CARR, CFP, Lexington, MA

Running your practice like a business means finding ways to keep more of what you earn. It also means protecting the investment you have in your practice, attracting associates that can add to your bottom line, and achieving the personal and family security your hard work deserves. That means thinking like a business person (and using the strategies that leading business planners use). If you are a busy professional, you will appreciate this parade of key financial ideas and strategies which could take you months to discover one at a time.

• *Speaker serves as a consultant and/or has a commercial interest in subject matter.*

LAS 38 - Columbus Hall K-L, East Tower
Retreatment in non-surgical and surgical endodontics
ARNALDO CASTELLUCCI, DDS, MD,
Florence, Italy

When, why and how it is possible to retreat a case will be discussed with special emphasis on the treatment planning and on the solution to problems encountered in the removal of paste, sealer, gutta-percha, silver cones and broken instruments. Special emphasis will be given also to the non-surgical retreatment of surgical failures.

GENERAL INTEREST SESSION IV

Grand Ballroom B, East Tower
Moderator: KATHRYN A. JUROSKY, DDS
Manhattan Beach, CA

9 am - 12 n



D. P. Schwab



T. A. Propper

Are you referring to me?™

DAVID P. SCHWAB, MA, PhD, Evanston, IL
TERRYL A. PROPPER, DDS, MS, Nashville, TN

Taught by a marketing consultant and an endodontist, this information-packed seminar will address the following topics: defining what's so special about the specialty of endodontics, meeting patient's expectations, redefining the role of doctor, improving communications with patients, educating the public, increasing professional referrals, increasing patient referrals, training your staff to build patient loyalty, running your practice like a business, and predictions for the 21st century.

February, 1943

*Joe DiMaggio, Yankee star,
volunteers for military service
in San Francisco.*

SCIENTIFIC SESSION VIII

Grand Ballroom E-F, East Tower
Moderator: JAMES L. GUTMANN, DDS
Dallas, TX

9 - 10:30 am



Periradicular surgery on molars: clinical techniques and long term results

FOUAD KHOURY, DDS, PhD,
Munster, Germany

Contemporary approaches to posterior endodontic surgery will be addressed including indications, anatomical considerations, surgical pre-planning and root canal management. Surgical techniques on maxillary and mandibular molars will highlight the "Bony Lid" approach to radicular structure. Root-end filling techniques and principles of replacement of the osseous cover to the surgical site will be stressed, along with other applications for this approach to surgical entry. Failure, complications and prognosis with this procedure will be discussed.

SCIENTIFIC SESSION IX

Grand Ballroom E-F, East Tower
Moderator: RONALD R. LEMON, DMD
New Orleans, LA

10:30 am - 12 n



New treatment modalities to reduce root resorption of avulsed, intentionally replanted and transplanted teeth

• PAUL R. KRASNER, DDS,
Pottstown, PA

Replacing exarticulated teeth in alveolar sockets has been attempted since Egyptian times. Until recently, these attempts have achieved a poor success rate. Recent developments in extra-oral storage, pre-replantation root conditioning and timing of endodontic therapy have increased the potential for reduced root resorption. This presentation will discuss all treatments that affect the success of replantation and transplantation.

REMEMBER WHEN

February, 1943

...Vaseline Hair Tonic kept your hair looking good with only 5 drops and \$.40 a bottle.

... Big Ben clocks kept America on time with a slogan of "Victory won't wait for the nation that's late."

...Nash Kelvinator built Pratt and Whitney Engines and Hamilton Standard Propellers.

...B.F. Goodrich introduced synthetic rubber tires for cars and military tanks.

...Palmolive introduced a "Proved New Beauty Method" based on scientific tests.

...Texaco turned its peacetime resources into 100-octane aviation gasoline so children would ask "who was Hitler?"

...Champion spark plugs powered engines for Navy dive bombers.

...Elsie the cow and Elmer the bull promoted Borden's products wearing roller skates, urging people to walk and save rubber by not driving.

...Employees were urged to buy war bonds for victory each payday—getting \$4 for every \$3 invested as it paid \$25 for \$18.75 after 10 years.

...Chevrolet trucks were on the fighting front abroad as troop transports and on the working front at home as delivery trucks.

...Formfit urged women assuming men's jobs not to lose their femininity.

...Sunkist gave oranges and lemons a job in the serious business of war: keeping troops healthy with Vitamin C.

Program, continued

SATURDAY PM, MAY 1

EDGAR D. COOLIDGE AWARD LUNCHEON

Regency Ballroom B-D, West Tower
(by ticket only)

12 n - 2 pm

Moderator: JOHN S. OLMSTED, DDS, MS
Greensboro, NC

In celebration of the 50th Anniversary, the luncheon is dedicated to those who led the Association to its golden year: founders, charter members and past presidents.

Edgar D. Coolidge Award



HAROLD GERSTEIN
Lake Geneva, WI



HENRY J. VAN HASSEL
Portland, OR

The Coolidge Award is presented annually to the member who has actively participated in the AAE during his or her professional lifetime and who has displayed leadership and exemplary dedication to dentistry and endodontics.

GENERAL ASSEMBLY

Grand Ballroom B, East Tower
2:30 - 5:00 pm

PAST PRESIDENTS' RECEPTION

Grand Ballroom Foyer, East Tower
6:30 - 7:30 pm
Preceding the President's Dinner Dance, this annual reception will offer a cash bar.



PRESIDENT'S DINNER DANCE - "FUTURE DIRECTIONS"

Grand Ballroom, East Tower
(by ticket only)
7:30 pm - Midnight

Ring in the next fifty years at this farewell to the 1993 Annual Session. Black tie is optional. Gourmet foods, elegant dining and dancing to the music of Spectrum will provide the perfect ending for the new beginning of our second half century.

Socializing in 1943

Excerpts from the Saturday Evening Post, February 20, 1943

When a deb from Chicago puts her mind to it there is nothing she can't solve—not even the problem of showing a drab little pigeon named Sally how to get her man.

Broadway called Lou Walters "Just a farmer from Boston," but Mr. Walters, a specialist in Latin Quarters, is having a \$1,600,000 laugh at Broadway this year. Walters applies a pulmotor to defunct night clubs—breathes life into them with lush decorations, hand-picked and carefully blended shows. He plows a big percentage of his take back into good food, is satisfied with four percent on his investment.

*Effect of the War on Social Life
Popular girls, whom men found attractive, somehow or other, find life just as active; while girls who were always, just social recluses, continue to be—but with better excuses.*

--Evelyn Love Cooper

SUNDAY AM, MAY 2

FAREWELL BREAKFAST BUFFET

Grand Ballroom E-F, East Tower
(by ticket only)
8 - 8:45 am

SCIENTIFIC SESSION X

Columbus Hall C-F, East Tower
Moderator: JAMES L. GUTMANN, DDS
Dallas, TX

9 - 10:30 am

*Endodontics for the year 2000...2010...?
What does the future hold and where are we going?*

GERALD C. DIETZ, SR., DDS, Private Practice,
Bloomfield Hills, MI

JACOB B. FREEDLAND, DDS, Retired,
Charlotte, NC

MICHAEL A. HEUER, DDS, MS, Northwestern Univ,
Chicago, IL

STEVEN R. JEFFERIES, DDS, MS, Caulk Dentsply,
Milford, DE

CALVIN D. TORNECK, DDS, MS,
Univ of Toronto, Toronto, Canada

TERRYL A. PROPPER, DDS, MS, Private
Practice, Nashville, TN

ROBERT A. UCHIN, DDS, Private Practice,
Ft. Lauderdale, FL

WARREN WHITE, Brasseler USA,
Savannah, GA

The future of our specialty and its role and integration within private practice, the academic curriculum, scientific inquiry, the dental industry, and patient recognition and acceptance will face significant challenges and undergo major changes in the next quarter of a century. A panel carefully selected from a broad range of interests that will have an impact on our future has been assembled. They will, in typical Chicago "talk-show style," be challenged to look into the endodontic crystal ball and project the vision of our specialty for years to come.

JOURNAL OF ENDODONTIA

Volume 1 MARCH, 1946 Number 1

Editorial

When I was asked if I would accept the editorship of this Journal I said yes because at that time there was no Journal to be edited. Then, in February, I learned that funds had been made available for a Journal and it was to be started at once. So, I found myself with a new and difficult job.

...Some readers may doubt whether it is necessary to start a new dental Journal in view of the fact that a great number of such magazines are in circulation. However, "endodontia" has been a stepchild of dentistry for a long time and is just now beginning to gain its rightful place in the healing arts. Therefore, the founding of the American Association of Endodontists must be considered as important steps toward establishing a solid foundation for progress in this field.

When more than thirty years ago, the fear of focal infection and oral sepsis swept the lands it was only natural that root canal treatment was accused, tried and sentenced in short order. Today, we know that the harshness of accusation, the shortness of trial and the severity of sentence were caused by two main factors. Reports of all but magic cures of almost any disorder by extraction of teeth were unwittingly exaggerated in the first triumphal joy over new progress in clarification of pathogenesis. Many of these enthusiastic reports held true only for initial successes caused in many instances by psychological more than by physical factors; the faith of the newly won disciple of the concept of dental origin of disease wrought miracles on the patient.

The second and even more important cause for the condemnation of root canal treatment was the inferior technique used by so many dentists; "endodontia" then was part of the general dental practice. The cry of oral sepsis focussed the attention to the inadequacies of root canal treatment but the child was thrown out with the bath. Instead of condemning bad root canal treatment, all root canal treatment was abolished.

Today after much work and thought, things are looking brighter. ...Since root canal treatment has been elevated to the status of a specialty, those who intend to do this work must adequately prepare themselves for it.

The membership is requested to consider the Journal of Endodontia as its own Journal and to make use of it. The editor is merely your representative!
— Balint Orban

American Board of Endodontics

1993

Ralph Bellizzi
Robert L. Ellison
Arthur E. Skidmore

1994

M. Lamar Hicks, Sec/Treasurer
Sandra Madison
Samuel O. Dorn

1995

Leif K. Bakland, President
Harold E. Goodis
Louis E. Rossman

THE ASSOCIATION IN 1946

...had 280 members, including some from foreign countries

...encouraged the founding of study clubs by its members and such clubs were established in Chicago, Montreal and Philadelphia

...had a lending library of more than 100 papers on endodontia which were available to its members

IN 1947

...held a "streamlined" meeting in connection with the ADA in Boston in August

...signed up 31 new members

...sent definitions of the words "endodontia, endodontics and endodontists" to the ADA Committee on Nomenclature

Board & Committee Meetings

Room

MONDAY, APRIL 26

ABE Board of Directors Meeting, 8 am-6 pm Skyway Suite 273

TUESDAY, APRIL 27

AAE Board of Directors Meeting, 8 am-6 pm Toronto

WEDNESDAY, APRIL 28

ABE Board of Directors Meeting, 8 am-4 pm Skyway Suite 273

Clinical Practice/Dental Benefits, 3-5 pm Skyway Suite 261

Clinical Practice, 3-5 pm Skyway Suite 261

Dental Benefits, 3-5 pm Skyway Suite 281

Honors and Awards, 2-5 pm Skyway Suite 280

Public & Professional Affairs, 9 am-5 pm Skyway Suite 264

R&E Foundation Trustees Meeting, 8 am-6 pm Columbus Hall G

FRIDAY, APRIL 30, 7:30-9 am

Dental Therapeutics Skyway Suite 261

Editorial Board McCormick

Educational Affairs Picasso

For-Profit Subsidiary Skyway Suite 264

Governmental Affairs & Federal Dental Health Services Columbian

International Relations Horner

Member Services and Membership 7:30-9 am Addams

Membership Insurance, 8-9 am Wright

Professional Standards, Peer Review & Ethics Burnham

Research & Scientific Affairs Ogden

SATURDAY, MAY 1, 7:30-9 am

Past Presidents' Breakfast Monarch Suite

SUNDAY, MAY 2, 8 am - 5 pm

AAE Board of Directors Meeting Columbus Hall G

The First Annual Meeting As Reported in Volume I, Number I, *Journal of Endodontia*, March 1946

"The first annual meeting of the association was held at the Palmer House in Chicago on February 23-24, 1944. At the dinner and business meeting, the name of the association was officially chosen to be: American Association of Endodontists. The following day was entirely devoted to a scientific program at which time more than 200 members and guests were present. The program was unique in many respects and was well received by those attending the meeting.

"No meeting of the association was held during 1945 because of wartime restrictions on national conventions.

"The American Association of Endodontists reconvened again on February 14-15, 1946 at the Stevens Hotel in Chicago. After the dinner meeting a paper on "The Objectives of the American Association of Endodontists" was read by Dr. (Edgar D.) Coolidge. The next day was devoted to a scientific program consisting of lecture and clinics."

Alumni, Affiliates, & Other Groups

Room

TUESDAY, APRIL 27

ABE Directors Dinner, 7:30-10 pm Toronto

WEDNESDAY, APRIL 28

US Army Assn of Endo, 4:30-6 pm Picasso

THURSDAY, APRIL 29

Albert Einstein Medical Center, 6-8 pm Haymarket

Columbia Univ, Endo Dept, 6-9 pm Gold Coast

Int'l Fed of Endo Assn, 10 am-12 n Buckingham

Loma Linda Univ, 6:30-9:30 pm Wright

Loyola Univ Alumni, 5-7 pm Wrigley

Michigan Assn of Endo, 6-8 pm Comiskey

North Carolina Assn of Endo, 5-6 pm Regency Ballroom D

Northwestern Alumni Group, 6:30 - 8:00 pm Columbus Hall E-F

Tufts Univ Alumni, 6:30 - 8 pm Columbian

Twenty-five Year Club, 7-9 pm Truffles

Univ of Connecticut, 6-8 pm Addams

Univ of Illinois Alumni, 6-10 pm Chicago Yacht Club

Univ of Maryland Alumni, 6-7:30 pm Ogden

Univ of North Carolina Alumni, 6-9 pm Regency Ballroom D

US Army Assn of Endo, 7-9 pm Parthenon Restaurant

FRIDAY, APRIL 30

Boston Univ Alumni, 6-9 pm Regency Ballroom A

Christian Endo Society, 5-6 pm Skyway Suite 264

Florida Assn of Endo, 5:30-6:30 pm Skyway Suite 279

Iowa Endo Group, 6-8 pm Gold Coast

Louisiana State Univ Alumni, 5:30-7:30 pm Addams

Marquette Univ Alumni, 6-7 pm Ogden

MCV/VCU Endo Alumni, 6-8 pm Haymarket

Michigan Endo Alumni Assn, 7-8:45 am Haymarket

New York Univ Alumni, 6-8 pm Columbus Hall E-F

Oklahoma Assn of Endo, 7-8:45 am Water Tower

Oregon/Ohio Alumni, 6-8 pm Wrigley

Pennsylvania Assn of Endo, 7:45-8:30 am Wacker Hall

South Carolina Assn of Endo, 7-8:45 am Buckingham

Univ of Nebraska Alumni Assn, 6-8 pm Wright

Univ of Pennsylvania Alumni, 7-8:45 am Gold Coast

Univ of Washington Alumni, 6:30-8:30 pm Columbian

VAMC Long Beach Endo Alumni, 6:30-9:30 pm Comiskey

SATURDAY, MAY 1, 7-8:45 am

Boston Univ Alumni Assn Gold Coast

Columbia Univ Alumni Buckingham

Harry J. Healey Study Club Columbian

Univ of Detroit Mercy Alumni Regency Ballroom D

Univ of Southern California Alumni Water Tower

USAF Assn of Endo, 6:45-8:30 am Haymarket

US Navy Assn of Endo Comiskey

Research & Education Foundation of the AAE

1993

Ronald I. Deblinger

Robert J. Rosenberg, President

Bruce H. Seidberg, Sec/Treasurer

Joel C. Small

1994

Donald D. Antrim

Wallace B. Brown

Eva C. Dahl

1995

J. Craig Baumgartner

Kent W. Cunningham

Fredric Goodman

John W. Harrison

William D. Powell

Mahmoud Torabinejad

Ex Officio: Jerome V. Pisano

AT HOME DURING THE WAR

Yankee ingenuity hit new highs among the 12 million Americans active in civil defense matters. The following were ideas for use should the enemy have attacked at home:

Seattle laundry workers formed "decontamination squads" to douse and scrub potential gas victims in huge laundry vats.

Maryland workers planned to use power lines to transmit radio messages during air raids. Attacking planes could not take bearing from them.

Oregon shut-ins were ready to fill key telephone relay positions in the local defense setup. Due to their confinement to wheelchair or bed, they were available 24 hours a day.

AAE Auxiliary ♦♦♦♦♦

OFFICERS

Mrs. Elizabeth Collins (Joe) President
 Mrs. Chizuko Shibuya (Arnold) President-Elect
 Mrs. Carol Belanger (Laurent) Vice President
 Mrs. Aimee Simon (Denis) Secretary
 Mrs. Sue Zenk (Darrell) Treasurer
 Mrs. Sharon Kehoe (Joseph) Parliamentarian
 Mrs. Elaine Wenckus (Christopher),
 Mrs. Debra Howard (James) &
 Mrs. Noreen Pisano (Jerome) Local Arrangements

Wednesday, April 28

Welcome & Information Tea
 South Conservatory, West Tower, 3 - 5 pm

Thursday, April 29

Board Meeting
 Skyway Suite 264, East Tower, 7 - 8:30 am
 Hospitality Suite
 Skyway Suite 273, East Tower, 8 - 9 am & 3:30 - 5 pm

Friday, April 30

Friday Luncheon (by ticket only)
 Grand Ballroom C-F, East Tower, 12 - 1:45 pm



*Guest Speaker: Charles Kuralt
 CBS News correspondent and
 host of CBS News'
 Sunday Morning*

Hospitality Suite
 Skyway Suite 273, East Tower 8 - 9 am & 3:30 - 4 pm

Saturday, May 1

Auxiliary Brunch Meeting (by ticket only)
 Truffles, West Tower, 8:30 - 11 am



*Guest Speaker: Jeffrey Zaslow
 Get advice from the man
 who replaced Ann Landers
 at the Chicago Sun Times*

Board Meeting
 Skyway Suite 264, East Tower, 11:30 - 1 pm

Tours ♦♦♦♦♦

Steps Away...Worlds Apart:\$25/person
 Shedd Aquarium & Field Museum
 Wednesday, April 28, 12:30 - 4:30 pm &
 Friday, April 30, 12:30 - 4:30 pm

Highlights of Chicago\$18/person
 Wednesday, April 28, 1 - 4 pm &
 Thursday, April 29, 9 am - 12 n

Chicago's Biggest & Best:\$38/person
 Museum of Science & Industry, Sears Tower,
 Board of Trade & Deep Dish Pizza
 Thursday, April 29, 9:30 am - 3:30 pm

Residential Stars of Chicago\$22/person
 Thursday, April 29, 12:30 - 4 pm

World of Frank Lloyd Wright\$22/person
 Thursday, April 29, 1 - 4:30 pm &
 Friday, April 30, 9 am - 12:30 pm

Miss Saigon\$75/person
 Thursday, April 29, 7 - 11 pm

Art Adventure with Lunch at Eccentric\$50/person
 Friday, April 30, 9:30 am - 3:30 pm

North Shore & Long Grove Village\$30/person
 Friday, April 30, 9:30 am - 4 pm &
 Saturday, May 1, 9:30 am - 4 pm

Spirit of Chicago Dinner Cruise\$74/person
 Friday, April 30, 6:30 - 10:30 pm

Architectural River Cruise & North Pier\$27/person
 Saturday, May 1, 9:30 am - 1 pm

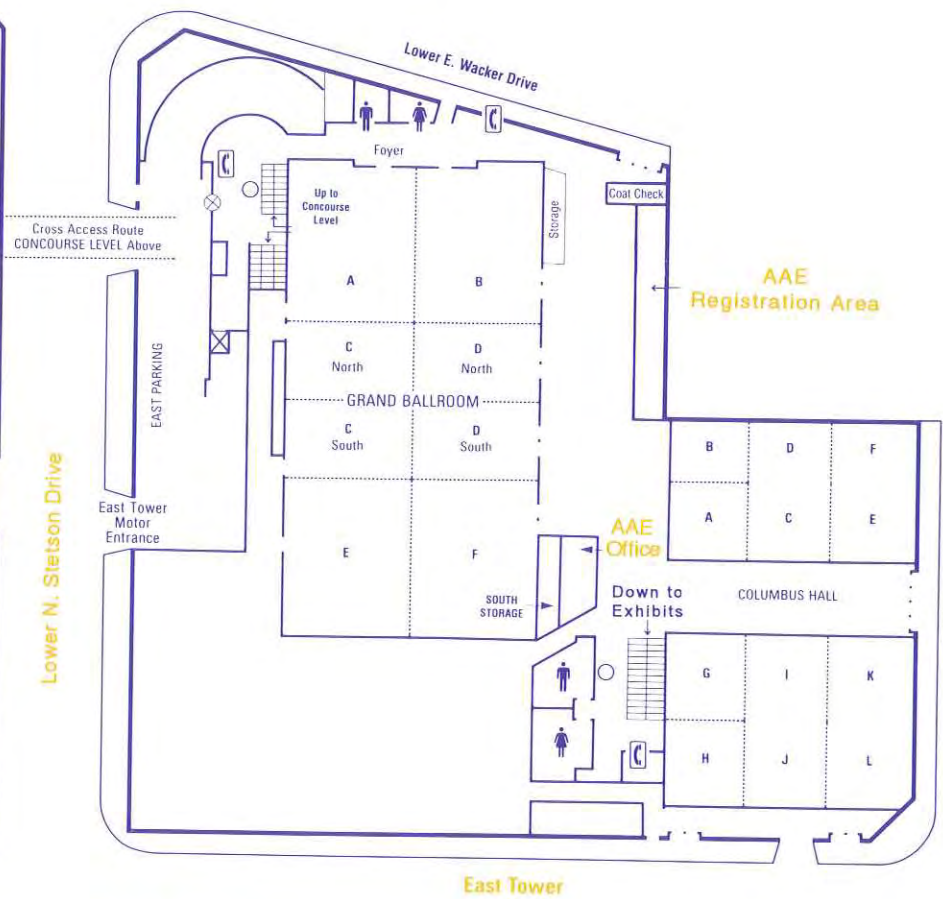
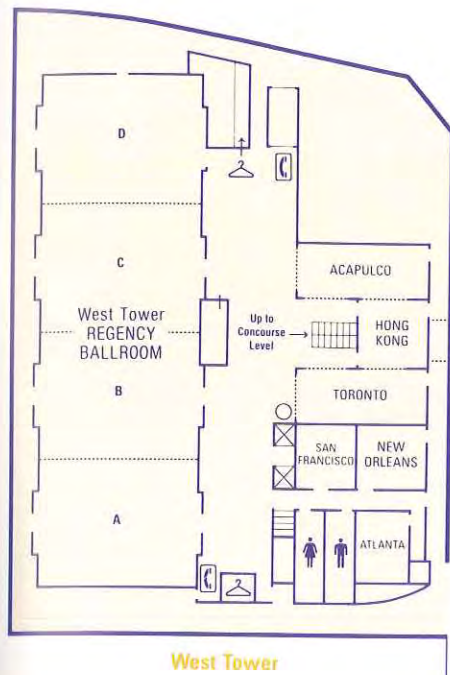
If you have pre-registered, you may pick up your tickets at the Tour Registration desk in the AAE registration area.

If you have not pre-registered, you may purchase any tickets that are still available. Tickets will be on sale at the Tour Registration desk.

All tour deluxe motor coaches will depart from the Stetson Street entrance of the Hyatt Regency. Please arrive 15 minutes prior to departure time.

HYATT REGENCY CHICAGO

Main Functions ♦ Ballroom Level



IN THE WACKER EXHIBITION HALL
 AAE Information Center, Exhibits, Table
 and Poster Clinics, and Continental
 Breakfasts on Friday and Saturday

Exhibitors

Booth		Booth		Booth	
300	Advanced Dental Concepts	106	Coltene/Whaledent	316	Healthco International
301	7 N Pinckney, Ste 305 Madison, WI 53703		236 Fifth Ave New York, NY 10001		470 Atlantic Ave Boston, MA 02216
214	AEC Inc	308	Dental Consultants Inc	306	HealthFirst Corp
	7011 Shallowford Rd, Ste 204 Chattanooga, TN 37421		309 Dewey Ave Pittsburgh, PA 15218		22316 70th Ave W, Unit A Mountlake Terrace, WA 98043
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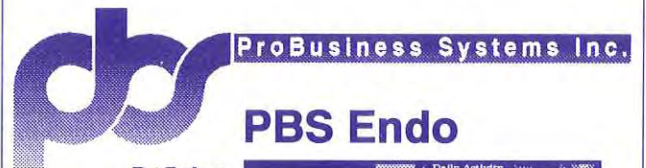


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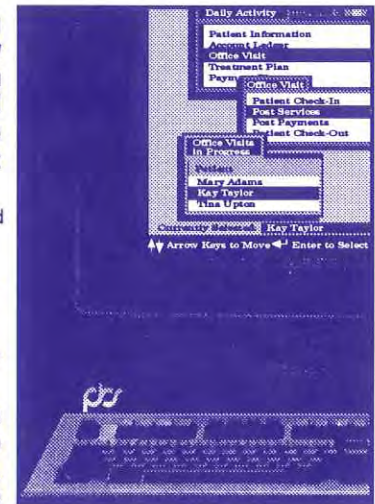
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Almonte, Peter A.	21	Fountain, Stuart B.	27	Lyon, Stephen M.	19	Schachman, Mark A.	19
Anderson, Ronald W.	19	Fowler, Janet	24	Malin, Craig J.	17	Schechter, Mordehai	14
Andreana, Sebastiano	21	Frankson, M.A.C.	24	Mancuso, Victor R.	18	Scherer, Steffan J.	17
Antonini, Luigi	15	Freedland, Jacob B.	31	Marshall, J. Gordon	28	Schwab, David P.	28
Arens, Donald E.	21	Friedman, Shimon	15, 23	Martin, Howard	9, 21	Schwartz, Stephen F.	10
Arita, Charles M.	17	Fuss, Zvi	16	Masters, John W.	13	Scott, Paul A.	18
Arnold, Jimmy W.	23	Gambarini, Gianluca	24	McDonald, Neville J.	15	Seltzer, Samuel	12, 22
Aten, James C.	17	Gao, Zhirong	26	McKendry, Douglas J.	23	Semashko, Gregory M.	14
Augsburger, Robert A.	11	Gerstein, Harold	30	McKendry, Laurie L.	19	Senia, E. Steve	9
August, David S.	23	Gish, Steven P.	18	McSpadden, John T.	9	Seracchiani, Claudio	21
Bachman, Timothy A.	14	Glickman, Gerald N.	12, 14, 27	Meadows, Debra A.	17	Serene, Thomas P.	16
Bailey, Jeffrey C.	14	Gliksberg, Jerome H.	17	Miles, Dale A.	13	Silversin, Jack	21, 25
Baker, Mark C.	27	Goerig, Albert C.	8	Miller, Donald A.	15	Small, Joel C.	15, 28
Bakland, Leif K.	12	Goldman, Melvin	20	Minana, Rafael	14	Soluti, Abdullah	23, 27
Barkhordar, Rahmat A.	26	Goldstein, Shepard S.	25	Miserendino, Leo J.	23	Sonntag, Keith D.	17
Barnett, Frederic	21	Green, T. L.	25	Mohorn, Steven G.	17	Southard, Denny	16
Baumgardner, Kirk R.	14	Gutmann, J. L.	6, 22, 29, 31	Moiseiwitsch, Julian R.D.	18	Spangberg, Larz	20
Baumgartner, J. Craig ..	10, 18	Hahn, Chin-Lo	26	Monroe-Cook, Elizabeth	21	Spolnik, Kenneth J.	11
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Benenati, Fred W.	14	Hansen, Steven R.	17	Mori, Katsuei	15	Stabholz, Adam	23, 27
Bender, I.B.	10, 22	Harbert, Henry L.	28	Morse, Donald R.	27	Starkey, Dennis L.	18
Bentkover, Scott K.	17	Hargreaves, Kenneth M.	13	Moshonov, Joshua	23	Steele, Andrew C.	18
Bowersox, Barbara	18	Harrington, Gerald W.	24	Moyer, Paul W.	18	Tagger, Michael	26
Boyd, Kathleen S.	17	Harris, Jack H.	10	Mugalian, Ruth	15, 28	Tenca, Joseph I.	26
Brankin, Gary W.	18	Hata, Gin-Ichiro	26	Musselwhite, James M.	19	Tewfik, Hossam M.	23
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Buckley, Michael	19	Hernandez, Ramon	11	Nissan, Roni	11	Torneck, Calvin D.	12, 31
Burns, Richard C.	15, 28	Heuer, Michael A.	8, 31	Nguyen, Jan T.	23	Trope, Martin	15, 27
Buxt, Paul	11	Higa, Robert K.	13	Olender, Kathleen F.	17	Uchin, Robert A.	31
Byron, Mark A.	17	Himel, Van T.	24, 26	Oliet, Seymour	14	Uhle, Robert	14
Calderon, Alfredo	24	Hoen, Michael M.	24	Olmsted, John S.	30	Van Hassel, Henry J.	30
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Carr, Bart F.	28	Howard, Debra	6	Oynick, Jose V.	21	Wallace, James A.	11, 26
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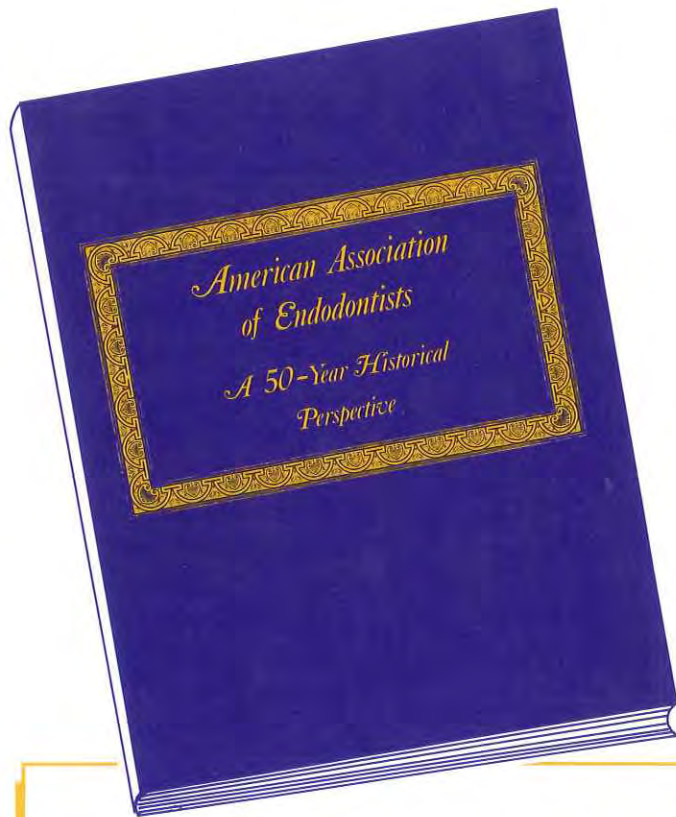
The American Association of Endodontists: The First Fifty Years • 1943 - 1993

This is the story of the American Association of Endodontists - of how a small group of dentists, practitioners and educators sent out invitations to their colleagues in December, 1942 to form an organization in which they could share their common experiences and interest and how they did so as the atomic age was being born in a squash court in Chicago and a world war waged around them.

This is the story of how the American Association of Endodontists, founded in Chicago in February, 1943 and its affiliates responded to changes in American society and the dental profession over the past 50 years - to the rapid advances in dental technology, the knowledge explosion in health sciences and the dramatic changes in dental disease demographics.

It is the story of an organization whose central mission evolved from a single forum for exchange of information into an agency for education of the profession, formulation of educational policies and development of an educational system for its specialty. It is an advocate for endodontists and endodontics to both the dental profession and the public.

First and foremost, the story of the American Association of Endodontists is about the people who made it possible both then and now - from the membership, study clubs and local societies providing grass roots involvement to the volunteers, affiliates, and leaders who supply the vision and the will to make it all happen. This book is written for and about all of them.



Members of the American Association of Endodontists (excluding students) who pre-register for the 1993 Annual Session will receive a complimentary copy of the 50-year history of the Association. The publication will be mailed after the Annual Session. Additional copies will also be available for purchase.

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