

**TWENTY SECOND ANNUAL MEETING
of the
American Academy
of Crown and
Bridge Prosthodontics**



Conrad Hilton Hotel, Chicago
Saturday and Sunday
February 9 and 10, 1973

North Williford Room **Third Floor**

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"By doubting we come to the truth."

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FRIDAY MORNING

February 9, 1973

9:00

1. Thomas W. Brehm, D.D.S., Associate Professor, Department of Restorative Dentistry (Fixed), University of Kentucky, Lexington, Kentucky.

"DIAGNOSIS AND TREATMENT PLANNING FOR FIXED PROSTHODONTICS."

This presentation will enumerate essential steps in an adequate diagnosis, and will demonstrate the coordination of the information gathered into a satisfactory treatment plan. Slides will be used of actual patients illustrating the importance of diagnosis and treatment planning in the construction of fixed partial dentures.

10:30

2. Paul G. Stimson, D.D.S., M.S., Associate Professor of Dental Pathology, The University of Texas Dental Branch, Houston, Texas.

"FORENSIC ODONTOLOGY."

A lecture slide presentation which will deal with the legal aspects of dentistry. These include malpractice, identification, aging problems, homicides and bite-work cases. The presentation will show how dentistry has been used by a medical examiner's office during the past three years.

12:00 Luncheon, Parlor A

FRIDAY AFTERNOON

February 9, 1973

1:30

3. Richard L. Lyon, B.S., D.D.S., 620 East 3rd Street, Alton, Illinois.

"CURRENT CONCEPTS AND TECHNIQUES IN ENDOSSEOUS JAW IMPLANTS."

This presentation will review the current status of implants and describe techniques used.

2:30

4. Alvin J. Fillastre, Jr., D.D.S., 1506 S. Florida Avenue, Lakeland, Florida.

"THE ARTICULATOR DILEMMA —

WHAT, WHY, AND HOW"

Probably the greatest area of controversy in restorative dentistry involves the use of articulating instruments. Basic understanding of the physiology of the stomatognathic system, criteria for optimum occlusion, and the relative importance of the anterior and posterior determinants of occlusion are much more important than what type of articulator is used.

The proposal is made that if the above are understood along with the limitations of the simple articulator, it provides the most practical approach to occlusal reconstruction.

Slides will be shown to illustrate the use of the articulator in diagnosis as well as for fabrication of restorations. Specific areas covered will include selection of the articulator, use of the face bow, centric recordings, setting the articulator, construction of the customized anterior guide table, calipers as an aid in determining plane and curve of occlusion, use of the automatic wax carver, and final adjustment of restorations.

4:30 General Meeting, members only

SATURDAY MORNING

February 10, 1973

9:00

5. Ernest Beerstecher, Jr., B.S., M.A. Ph.D., Professor and Chairman, Department of Biological Chemistry, University of Texas Dental Branch, Houston, Texas.

"SOME BIOCHEMICAL ASPECTS OF CROWN AND BRIDGE PROSTHODONTICS."

Biochemical events in traumatic occlusion and in the temporomandibular joint as a result of trauma will be described.

10:00

6. Roy W. Bell, D.D.S., Clinical Associate Professor, Physiology (Biological Chemistry), The University of Texas Dental Branch, Houston, Texas.

"DIAGNOSTIC PLANNING FOR THE PREVENTION OF OCCLUSAL TRAUMA."

A consideration of essential gnathological prin-

ciples in occlusal treatment in the light of recent knowledge concerning alveolar bone loss due to occlusal trauma. Fixed factors governing the organization of non-traumatic occlusion, with a stepwise technique to achieve it.

11:00

7. William D. Powell, Jr., D.M.D., Professor and Chairman, Department of Prosthodontics (Fixed), University of Alabama, Birmingham, Alabama.

"PORCELAIN JACKET CROWNS — PAST, PRESENT AND FUTURE."

Porcelain jacket crowns are the most esthetic restorations dentistry is able to provide. However, there is a tendency today to use porcelain-to-gold restorations as a substitute. A re-evaluation of the advantage of porcelain jacket crowns is in order. All aspects of porcelain jacket crowns from impressions to cementations will be discussed.

PAST PRESIDENTS LUNCHEON

TABLE CLINICS

SATURDAY AFTERNOON

February 10, 1973

1:30

1. Earl L. Stover, D.D.S., 228 East Broad Street, Souderton, Pennsylvania.

"THE SEMI-PRECISION EXTERNAL ATTACHMENT AND ITS ADAPTATION TO FIXED AND REMOVABLE PARTIAL PROSTHESIS"

This table clinic will present various adaptations of a semi-precision external attachment, which can be used in conjunction with anterior horizontal and vertical pin splints. Slides and models of clinical cases will be used. Demonstration models will show the proper preparation, positioning, and relationship of the partial prosthesis to anterior pin splints and other coronal restorations.

2. Stephen L. Welsh, Major D.C., Washington, D.C.

"THE SCHWARTZ TECHNIQUE FOR FABRICATION OF A CROWN UNDER AN EXISTING PARTIAL"

A step-wise technique for the fabrication of a crown for an existing partial will be illustrated.

3. Charles Bohl, D.D.S.; Dean W. Crow, D.D.S.; Joseph P. Lindner, D.D.S.; and Kenneth Waliszewski, D.D.S.; Graduate students in Fixed Prosthodontics.

"USEFUL AIDS IN THE PRACTICE OF CROWN AND BRIDGE PROSTHODONTICS"

(1) "Palpation of the Muscles of Mastication and Their Clinical Significance"

Slides and models will be used to demonstrate location and palpation sites of the masticatory muscles. Strength of contraction and significance of unilateral and bilateral contractions will be discussed.

Dr. Charles Bohl

(2) "Use of Precision Attachments to Solve Parallelism Problems"

Slides and models of completed clinical cases will be shown to demonstrate the practicality of using hopelessly tipped teeth as bridge abutments.

Dr. Dean W. Crow

(3) "Repair of Broken Pontic Facings"

Through use of models, a technique will be shown for replacing broken porcelain facings with personalized acrylic facings.

Dr. Joseph P. Lindner

(4) "Personalized Dowels for Endodontically Treated Teeth"

Demonstration dowels in natural teeth will be shown to demonstrate how pre-tapered acrylic posts and "quick-cure" acrylic can be used in fabricating direct personalized dowel patterns.

Dr. Kenneth Waliszewski

4. Jerome A. Mahalick, D.D.S., M.S. and Gerald Ziebert, D.D.S., M.S., Milwaukee, Wisconsin.

"EFFECT OF JAW GUIDANCE ON MANDIBULAR RETRUSION"

Material will be presented showing the effect of various jaw guidance procedures on the mandibular retruded stroke as viewed from sagittal plane. The amount of inter-incisal distance available during clinical hinge access location procedures will also be reported.

5. G. Ronald Bradley, D.D.S., San Antonio, Texas

"FUNCTIONALLY GENERATED OCCLUSION"

Movies, slides, and models will be used to illustrate a technique utilizing the functional generated path principle in occlusal rehabilitation.

6. Maurice H. Martel, D.D.S., Holden, Mass.

"HISTOLOGIC OBSERVATIONS OF ELECTROSURGICAL CURRENTS IN CLINICAL PRACTICE"

The variable histologic tissue responses to electrosurgical currents will be presented and described with photomicrographs of human gingivae. A rational for electrosurgical technique will be offered.

7. **Table Clinic:** Richard L. Lyon, B.S., D.D.S., Alton, Illinois

"PORCELAIN FUSED TO NON-PRECIOUS ALLOYS"

8. **Table Clinic:** Gordon J. Christensen, D.D.S., Ph.D., Chairman Department of Rehabilitative Dentistry, University of Colorado School of Dentistry, Denver, Colorado

"NEW CEMENTS AND CEMENTING TECHNIQUES"

This clinic will include the various properties, advantages, disadvantages and clinical applications of traditional cements as well as reinforced zinc — oxide eugenol, resin, composite resin, silico-phosphate and polycarboxylate cements.

9. **Table Clinic:** Alvin J. Fillastre, Jr., D.D.S., Lakeland, Florida

8.

39.

**"THE ARTICULATOR DILEMMA—
WHAT, WHY, AND HOW"**

10. Table Clinic: Roy W. Bell, D.D.S., Clinical Associate Professor, Physiology (Biological Chemistry), The University of Texas Dental Branch, Houston, Texas

**"DIAGNOSTIC PLANNING FOR THE
PREVENTION OF OCCLUSAL TRAUMA."**

4:00 Cocktail Hour

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changes in membership
roster for the next years
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