

NINETEENTH ANNUAL MEETING

OF THE

American Academy

OF

Crown and

Bridge Prosthodontics



Saturday and Sunday

FEBRUARY 14 and 15, 1970

CONRAD HILTON HOTEL, CHICAGO, ILLINOIS

*"Kindness is the oil that takes
the friction out of life."*

—J. L. Newland



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SCIENTIFIC PROGRAM

SATURDAY MORNING

February 14, 1970

Parlor C North

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PROGRAM

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CONSTITUTION AND BY-LAWS

Everett C. Brooks, *Chairman*

L. Rush Bailey

John D. Guthrie

8:00 Registration (Coffee and Rolls for late risers)

9:15-10:15 Marwan Abou Rass, D.D.S., M.S.D.; Assistant Professor, Restorative Department, School of Dental Medicine, University of Pittsburgh, Pittsburgh, Pennsylvania.

"X-Ray Analysis of Vertical Height"

A roentgenographic cephalometric comparison of the rest, occlusal, and intermaxillary vertical height between two groups of young and middle age adult, male, caucasian individuals with normal Class I occlusion, and application of the findings in detrimentation of the lost occlusal vertical height in attritioned or mutilated dentitions. The essay also will include a critical review of the literature.

10:15-10:30 Discussion

10:30-11:30 Milton Hodosh, A.B., D.M.D.; Assistant Research Professor of Oral Pathology, Tufts University, School of Dental Medicine; Private practice, Providence, Rhode Island.

"The Replica Polymer Implant and the Implant Concept"

This presentation will include studies (animal and human) that have progressed from the initial exploratory stage to the proven feasibility of the Polymer Implant Concept.

11:30-12.00 Discussion

LUNCHEON

Parlor A

SATURDAY AFTERNOON

February 14, 1970

Parlor C North

1:45- 2:45 Florian J. Knap, D.D.S. M.S.: Associate Professor and Chairman of the Department of Fixed Prosthodontics, Marquette University, Milwaukee, Wisconsin.

"Motions of the Mandible—A Computer Analysis"

The objective of this study is to obtain simultaneous three dimensional information on normal and abnormal jaw motion. The sensing device consists of six potentiometers arranged in a precision linkage that allows freedom of movement in all excursions. The data is analog computer processed and displayed on three planes utilizing x-y plotters.

2:45- 3:00 Discussion

3:00- 4:15 Henry L. Lee, Jr., Ph.D. Chemistry; President, Epoxylite Corporation, South El Monte, California.

"Clinical Operative Significance of Adhesive Restorative Materials"

A discussion of the chemistry and physics involved in developing an adhesive restorative material.

4:15- 4:45 Discussion

5:00 Business Meeting, Private Dining Room 2.

6.

SUNDAY MORNING

February 15, 1970

Parlor C North

8:45-10:00 Donald Culpepper, D.D.S.; Associate Professor and Chairman of the Department of Crown and Bridge Prosthodontics, Emory University, Atlanta, Georgia.

"Comparative Study of Shade Selection Procedures"

The initial study assessed the ability of thirty seven dentists to match the shade of six teeth using four shade guides and four light sources. A follow-up study by twelve of these same dentists assessed their ability to duplicate previous selections of two teeth under the same conditions.

10:00-11:00 John W. Stanford, Ph.D.; Secretary, Council on Dental Materials and Devices, Chicago, Illinois.

"The A.D.A. Council on Dental Materials and Devices"

A discussion of the expanded programs of the A.D.A. Council on Dental Materials and Devices, pointing out the procedures and test methods used in the certification programs.

11:00-12:00 Richard W. Huffman, D.D.S.; Assistant Professor of Operative Dentistry and Director of Post Graduate Occlusion and Full Mouth Reconstruction, Ohio State University, Columbus, Ohio.

"Mouth Dentistry—Not Tooth Dentistry"

A slide lecture on full mouth reconstruction procedures as follows: Brief introduction to occlusion, criteria for an ideal occlusion and pre-treatment procedures. Patient and laboratory procedures involved in a functional occlusal analysis leading to a final diagnosis and treatment plan. Actual clinical steps in the reconstruction sequence of a T.M.J. involved case compared with a non T.M.J. patient. Gnathological principles are followed in both cases.

7.

PAST PRESIDENTS LUNCHEON

Headquarters Parlor

SUNDAY AFTERNOON

February 15, 1970

Parlor C North

TABLE CLINICS

2:00

Mr. Robert McConnel, Dr. Ramone Baez; Members of the Laboratory Staff of the A.D.A. Council on Dental Materials and Devices, Chicago, Illinois.

Certification Procedures for Dental Materials

A demonstration of test methods used in certifying dental materials for compliance with American Dental Association Specifications.

Hudson Heidorf, D.D.S., Cleveland, Ohio.

"The Gingival Third of the Crown"

Variables of tooth position effecting gingival third contours of crowns will be demonstrated.

Richard W. Huffman, D.D.S.; Assistant Professor of Operative Dentistry and Director of Postgraduate Occlusion and Full Mouth Reconstruction, Ohio State University, Columbus, Ohio.

"Functional Waxing Techniques"

Color-coded waxing boards showing step by step procedures for Dr. Payne and Dr. Thomas' functional waxing techniques. Plaster teeth are approx. 1½" in size.

Donald Culpepper, D.D.S.; Associate Professor and Chairman of the Department of Crown and Bridge Prosthodontics, Emory University, Atlanta, Georgia.

Shade Selection — Demonstration of Variables.

8.

This clinic will be used to discuss the results given in the essay program and to demonstrate new light sources that were developed to aid the dentist in shade matching procedures.

Florian J. Knap, D.D.S., M.S.; Associate Professor and Chairman of the Department of Fixed Prosthodontics, Marquette University, Milwaukee, Wisconsin.

"Motives of the Mandible — Discussion of Computer Data."

The objective of this study is to obtain simultaneous three dimensional information on normal and abnormal jaw motion. The sensing device consists of six potentiometers arranged in precision linkage that allows freedom of movement in all exceptions. The data is analog computer processed and displayed on three planes utilizing x-y plotters.

Joseph A. Clayton, B.S., D.D.S., M.S.; Assistant Professor of Crown and Bridge Prosthodontics, University of Michigan, Ann Arbor, Michigan.

"Occlusion."

Several variables can mechanically affect graphic tracings of mandibular movements. These variables were studied, on patient, utilizing pantographic tracings.

Styli positions, vertical dimension changes and tooth guidance can affect pantographic tracings.

This study suggests that functional optimum occlusion should be in harmony with border tracings.

Louis F. Munro, D.D.S.; General Practice, New Orleans, Louisiana.

"The Golden Staples."

The Golden Staple is used primarily for the stabilization of periodontally involved teeth. Its use is compatible with direct and indirect technique, and may also be used for certain types of bridge repairs.

9.

Milton Hodosh, A.B., D.M.D.; Assistant Research Professor of Oral Pathology, Tufts University School of Dental Medicine; Private Practice, Providence, Rhode Island.

"Replica Implants—Materials and Methods."

This presentation will demonstrate the use and technique of the Polymer Implant as presented in the essay program.

Henry L. Lee, Ph.D., Chemistry; President, Epoxylite Corporation, South El Monte, California.

"Surface Phenomenon in Tooth Material Relationships"

A discussion of scanning electron microscope photographs of surfaces involved in adhesion to tooth structure.

5:00 FRIENDSHIP HOUR.

SOCIAL PROGRAM

CONRAD HILTON HOTEL

SATURDAY

February 14, 1970

12:00 to 1:00 LUNCHEON

Private Dining Room A

SUNDAY

February 15, 1970

5:00 FRIENDSHIP HOUR

Parlor C North

AMERICAN ACADEMY OF CROWN AND BRIDGE PROSTHODONTICS

Roster — 1969-1970

96 members

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12.

13.

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