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

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 detriment 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.
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.

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.
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

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