

Final Programs

MECHANICAL DEVICES TO ASSIST THE FAILING HEART

September 9-10, 1964

NATIONAL ACADEMY SCIENCES - NATIONAL RESEARCH COUNCIL

American Heart Association

Washington, D. C.

(Moderator: Dr. Ben Eiseman)

- 8:30-8:40 Introduction - The Clinical Problem - Dr. Ben Eiseman
- 8:40-8:55 Physiology of Assisted Circulation - Dr. Peter F. Salisbury
- 8:55-9:10 Physiology of Prolonged Oxygenation - Dr. J. Maloney
- 9:10-9:25 Quantitation of Effectiveness of Cardiac Assistance - Dr. F. Spencer
- 9:25-10:00 Discussion: Opened by
Dr. W. G. Schenk, Jr.
Dr. C. Dennis

10:00-10:15 Coffee

PUMPS

(Moderator: Dr. Richard Varco)

- 10:15-10:30 Physiologic Problems in Prolonged Pumping - Dr. Varco
- 10:30-10:45 Pulsatile vs. Non-Pulsatile Pumping - Dr. W. G. Rainer
- 10:45-11:05 Discussion: Opened by
Dr. E. Bernstein

Specific Pumps

- 11:05-11:20 Finger Pumps - Mr. Van Hungerford
- 11:20-11:35 Roller Pumps - Dr. Sigmund Wesolowski
- 11:35-11:50 Tube Compression Pumps - Dr. Armand LeFemine
- 11:50-12:05 Piston Pumps - Dr. W. G. Rainer
- 12:05-12:20 Diaphragm Pumps - Dr. Frank Hastings
- 12:20-1:00 Discussion: Dr. Aldo Castenado
Mr. Perry Blackshear
Dr. Bowman
Mr. Fry
Dr. M. Loehr
Mr. K. Woodward

10:25-10:45 External Body Compression:

Dr. C. Dennis
Dr. F. Gerbode
Dr. A. LeFemine

10:45-10:55 Pulmonary and Tracheo-Bronchial Pulsation - Dr. H. Soroff

10:55-11:30 Discussion:

11:30-12:15 Summary:

Dr. F. C. Spencer
Dr. Richard L. Varco