

**TIME BORROWERS IN SHOCK**, with Leon I. Goldberg, M.D., Ph.D., Professor of Medicine and Pharmacology, and Director of Clinical Pharmacology, Emory University School of Medicine in Atlanta, Georgia: When the physician needs to "borrow time" while treating the underlying causes of shock, a cautious use of sympathomimetic amines is often a worthwhile temporary solution. (14 minutes) (in color) **2020737**

## PHYSIOLOGY

### CELLULAR DISTURBANCES: A NEW CONCEPT OF OBESITY

Some extremely obese patients may be incapable of losing weight and maintaining the loss because they may have acquired an excessive number of fat cells early in life. This is one of the findings of Jules Hirsch, M.D., Professor and Senior Physician to The Hospital, Rockefeller University, New York. (19 minutes) **0308704**

**WHAT ARE WE LEARNING IN SPACE MEDICINE? (HUMAN ADAPTATION TO SPACE)**, with Charles A. Berry, M.D., Director of Medical Research and Operations, NASA, Houston, Texas. Dr. Berry reveals how he and his team of physicians have answered the question: "What is the worst thing that can happen to the astronauts during a flight?" Such considerations as prophylactic surgery and medication aboard the flight are disclosed. (14 minutes) (in color) **2313705**

**WHAT ARE WE LEARNING IN SPACE MEDICINE? (IN-FLIGHT CONCERNS)**, with Charles A. Berry, M.D., Director of Medical Research and Operations, NASA, Houston, Texas. Dr. Berry takes us through the countdown of medical activity during a rocket launch. He offers anecdotes, supplemented with official NASA film — such as the implications of losing Alan Shepard, Jr.'s EKG sensor prior to Apollo 14 liftoff. (28 minutes) (in color) **2313704**

**WHAT ARE WE LEARNING IN SPACE MEDICINE? (THE PHYSIOLOGICAL ENVIRONMENT)**, with Charles A. Berry, M.D., Director of Medical Research and Operations, NASA, Houston, Texas. Among the many medical problems Dr. Berry highlights in this telecast are loss of red cell mass on long flights and new monitoring leads for various bodily functions with a suggestion of how they might be used in "conventional" patient practice. (13 minutes) (in color) **2313703**

## PRACTICE MANAGEMENT & MEDICAL ECONOMICS

**BARGAINING FOR POWER: PHYSICIANS' UNIONS**, with Sanford A. Marcus, M.D., President of the Union of American Physicians, San Francisco, California; Stephen Baker, M.D., President of the Committee of Interns and Residents, New York City; Anthony Bottone, M.D., Executive Secretary of the Committee of Interns and Residents; and Murray Gordon, labor relations attorney. Spurred by their own needs and those of their patients, many physicians are organizing unions. Their aims and how they hope to achieve them are the subject of this telecast. (16 minutes) (in color) **0216817**

**CLINICAL LABORATORIES: PHYSICIAN EVALUATION AND UTILIZATION**, with Randolph M. Chase, Jr., M.D., Director, Microbiology Department, New York University Hospital; Joseph H. Boutwell, M.D., Chief of Licensure and Development Branch, Laboratory Division of the National Communicable Disease Center in Atlanta, Georgia; and Edward Cavanaugh, M.D., Chief of Laboratory Training Section of the NCDC. An overview of clinical laboratories in the U.S. today, including costs, range of tests, quality of work and selecting a lab, is presented in this program produced at the National Communicable Disease Center. (17 minutes) (in color) **0310317**

**THE HEALTH CARE TEAM**. The team approach to primary health care is a multi-disciplinary approach to the treatment of the whole patient and his environment. George Blatti, fourth year student at the University of Minnesota and past President of SAMA, discusses the advantages of this approach to health care delivery with three members of a health care team from the Martin Luther King Medical Center, Bronx, New York. Applications of the team concept in rural settings and opportunities for health care students to participate in health teams are also presented. (17 minutes) (in color) **SAMA 2811373**

### MANAGING YOUR PRACTICE: BILLING AND COLLECTION

Gene Balliett, President of Medical Practice Management Consultants and an Editorial Consultant to Medical Economics, describes techniques and procedures to use in billing patients regardless of the type of practice. (17 minutes) **1309309**