

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

SURGERY

BEDSIDE PULMONARY ARTERY CATHETERIZATION, with T. Crawford McAslan, M.D., Associate Clinical Director, Maryland Institute for Emergency Medicine, and Professor of Anesthesiology, University of Maryland School of Medicine, Baltimore.

An introduction to the Swan-Ganz flow-directed, balloon-tipped catheter. Indications, method of insertion at bedside, and techniques for avoiding complications. (15 minutes) (in color)

0223621

Rental and purchase prices cover the actual costs of duplication; therefore, no provision is made for the previewing of catalog programs. If, in the opinion of the person for whom it was ordered, a program contains any significant flaw or inadequacy, no charge will be made. The reviewer is, however, requested to state the reason on the program review card that accompanies each Master Library videocassette.

CARDIAC TRANSPLANTATION. With Denton A. Cooley, M.D., Professor of Surgery; Robert D. Bloodwell, M.D., Assistant Professor of Surgery; Grady L. Hallman, M.D., Associate Professor of Surgery; and Robert D. Leachman, M.D., Professor of Cardiology, Baylor University College of Medicine.

Cardiac transplantation deserves now to be accepted in the vast armamentarium of treatment of the coronary patient, according to Dr. Cooley. Noting this, he points out that the problems surrounding rejection of the donor heart are being met with increasingly good results. Thus, he adds, the major drawback to increased use of cardiac transplantation is the availability of donor hearts.

The implications of this — the need for a new definition of death as well as possible procedures for storing donor hearts — are discussed by Dr. Cooley and his colleagues.

The film for this presentation was taken during the first transplantation. While the procedure has not changed radically in transplantations that followed this one, the attitudes of the physicians have. No longer is the transplant patient treated like a "cardiac cripple," they contend. Rather, where possible, every attempt is made to handle him as any other postoperative case with ambulation after 48 hours the goal.

(30 minutes) (in color)

2007014

CESAREAN BIRTH

Delivery by Cesarean Section — with Stanley H. Tischler, M.D., Associate Obstetrician-Gynecologist of The Jewish Hospital of Brooklyn.

(8 minutes).

0303201

CLINICAL MANAGEMENT OF HUMAN REPRODUCTIVE PROBLEMS: PART III

"Tubal Factor Treatment." Correcting distortion of the tubal ovarian relationships. With Celso-Ramon Garcia, M.D., Associate Professor of Obstetrics and Gynecology, University of Pennsylvania School of Medicine.

(16 minutes).

0303620

CRYOSURGERY

A demonstration of the treatment of chronic endocervicitis with cryosurgery, and a discussion of its advantages in other gynecologic procedures with Sidney Lefkovich, M.D., Chief, Section of Obstetrics and Gynecology, St. Barnabas Hospital, Livingston, New Jersey.

(16 minutes).

0303556

CRYOSURGERY, A CATARACT PROCEDURE

The special indications and technique for utilizing the cryostylet in cataract surgery are demonstrated and discussed by Gerald Fonda, M.D., Director, Ophthalmology Division, Department of Medicine, St. Barnabas Medical Center, Livingston, New Jersey. (13 minutes).

0303957