

CARE OF THE CRITICALLY ILL. How new techniques of monitoring and computers are contributing to the care of the acutely ill patient are demonstrated by Paul K. Hanashire, M.D., Assistant Professor of Medicine, University of Southern California School of Medicine.

(16 minutes).

0307603

COMMON PITFALLS IN ECG RECORDING, with Nanette K. Wenger, M.D., Professor of Medicine (Cardiology), Emory University School of Medicine, and Director of the Cardiac Clinics, Grady Memorial Hospital, Atlanta. Electrical interference, machine malfunction, and improper patient preparation and ECG recording technique can give you tracings which are impossible to interpret properly. Dr. Wenger shows how to help your office assistant avoid these pitfalls.

(11 minutes) (in color)

0317574

COMPUTER ANALYSIS OF THE ELECTROENCEPHALOGRAPH

Demonstrating the unique suitability of the computer for quantitating the large amount of information recorded by the electroencephalograph and for comparing findings and removing artifacts — with Julius Korein, M.D., Assistant Professor of Neurology, New York University Medical Center and Bellevue Hospital Center.

(16 minutes).

0303333

COMPUTER TECHNIQUES AS AN ADJUNCT TO CLINICAL IMPRESSIONS IN THE EVALUATION OF DRUG RESPONSE — PART I — "The First Five Weeks." Burton J. Goldstein, M.D., Chief, Division of Research, Department of Psychiatry, University of Miami School of Medicine, presents the design of a research project and a demonstration of computerized patient tests.

(14 minutes).

0302136

COMPUTER TECHNIQUES AS AN ADJUNCT TO CLINICAL IMPRESSIONS IN THE EVALUATION OF DRUG RESPONSE — PART II — "Clinical Evaluation." John Caldwell, M.D., Professor of Psychiatry and Head, Department of Psychiatry, Burton J. Goldstein, M.D., Chief, Division of Research, Department of Psychiatry, and the Psychiatric staff, University of Miami School of Medicine, evaluate a patient's progress under specific drug therapy. (25 minutes).

0302237

COMPUTER TECHNIQUES AS AN ADJUNCT TO CLINICAL IMPRESSIONS IN THE EVALUATION OF DRUG RESPONSE — PART III — "Conclusions." Burton J. Goldstein, M.D., Chief, Division of Research, Department of Psychiatry, University of Miami School of Medicine, and Dean J. Clyde, Ph.D., Director, Computer Center, University of Miami, demonstrate the usefulness of a computer in evaluating patient data.

(15 minutes).

0302338

CRYOSURGERY

A demonstration of the treatment of chronic endocervicitis with cryosurgery, and a discussion of its advantages in other gynecologic procedures. With Sidney Lefkovic, 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

DIAGNOSTIC ULTRASOUND—PART I—ULTRASONOGRAPHY OF THE HEART. The use of ultrasound in diagnosing pericardial effusion as well as for the study of the motion of prosthetic heart valves is demonstrated by Joseph H. Homes, M.D., Professor of Medicine and Head of the Division of Renal Disease, University of Colorado Medical Center, Denver, Colorado.

(19 minutes).

0408110

DIAGNOSTIC ULTRASOUND—PART II—CLINICAL ULTRASONOGRAPHY IN OBSTETRICS AND GYNECOLOGY. The use of sound waves to monitor the fetus in utero is illustrated by Horace E. Thompson, M.D., Associate Professor of Obstetrics and Gynecology, University of Colorado Medical Center, Denver, Colorado.

(16 minutes).

0408211

DIFFERENTIAL DIAGNOSIS OF EARLY CERVICAL LESIONS, with Albert B. Lorincz, M.D., Professor of Obstetrics and Gynecology; George L. Weld, M.D., Professor of Obstetrics and Gynecology and Director of the School of Cytotechnology; and Lester D. O'Dell, M.D., Clinical Associate in Obstetrics and Gynecology. All are affiliated with the University of Chicago Pritzker School of Medicine and the Chicago Lying-In Hospital.

These three physicians resolve some of the problems of evaluating borderline cervical smears and offer guidance to the timeliness of surgery. They also discuss colposcopy and offer alternatives to the physician who does not have access to a colposcope.

(19 minutes) (in color)

0410816

ECHOENCEPHALOGRAPHY: A NEW, SAFE, SIMPLE, AND PRACTICAL DIAGNOSTIC AID

William M. McKinney, M.D., of the Department of Neurology, Bowman Gray School of Medicine and North Carolina Baptist Hospital in Winston-Salem, North Carolina, and Frederick L. Thurstone, Ph.D., of the Biomedical Engineering Department of Duke University, Durham, North Carolina, illustrate the unique value of echoencephalography in determining brain pathology.

(15 minutes).

0509403