

ACUTE MYELOGENOUS LEUKEMIA: THE TREATMENT, with Monroe Dowling, Jr., M.D., Assistant Attending Physician, Hematology Service, Memorial Sloan-Kettering Cancer Center, New York City. Treating the patient with acute leukemia can be difficult and dangerous. To enable you to handle your patients more safely, Doctor Dowling outlines the principles and precautions of the management of this disease.

(21 minutes) (in color)

0121942

AN OUTLINE OF CYTOGENETICS

A survey of the field of human cytogenetics, covering the development of the techniques which make chromosome studies practical — with LCDR Thomas R. Birdwell, MC, U.S.N., Head, Cytogenetics Division, Department of Pathology, U.S. Naval Hospital, San Diego, Calif.

(16 minutes).

1503403

ANTIBODY AFFINITY AND BIOLOGICAL ACTIVITY: PART I

"Measurement of Antibody Affinity." A discussion of the binding affinity of antibodies for the antigenic determinant, and a description of the two methods used for measuring affinity: equilibrium dialysis and fluorescence quenching. With Gregory W. Siskind, M.D., Assistant Professor of Medicine, New York University Medical Center.

(15 minutes).

0103613

ANTIBODY AFFINITY AND BIOLOGICAL ACTIVITY: PART II

"Measurement of Antibody Affinity." Gregory W. Siskind, M.D., Assistant Professor of Medicine, New York University Medical Center, discusses fluorescence quenching for measuring the binding affinity for antibodies for the antigenic determinant. (14 minutes).

0103714

ANTIBODY AFFINITY AND BIOLOGICAL ACTIVITY: PART III

"Biological Significance of Antibody Affinity." Gregory W. Siskind, M.D., Assistant Professor of Medicine, New York University Medical Center, discusses the heterogeneity of the immune response with respect to antibody affinity and the effects of affinity on *in vivo* antibody activity. (16 minutes).

0103815

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BLOOD CELL NEOMORPHOLOGY IN HEMATOLOGIC DISEASE, with Wallace N. Jensen, M.D., Lawrence S. Lessin, M.D., and Dennis S. O'Leary, M.D., all of the Department of Medicine, George Washington University School of Medicine, Washington, D.C. Advanced microscopic and cinematographic techniques have allowed reinterpretations of some older morphologic findings and afforded new observations concerning the reasons for changes in shapes and size of blood cells. The panel reviews the newer findings and offers a current interpretation of their significance. A Television Clinic of the American College of Physicians, 1974. Please inquire for special rental information.

(60 minutes) (in color)

ACP 2847480

BLOOD COMPONENT THERAPY — FACTOR VIII — RICH CRYOPRECIPITATE. The rational treatment of classical hemophilia using cryoprecipitate is discussed in this presentation by Carol Kasper, M.D., and Judith Pool, Ph.D., of the American Association of Blood Banks Component Therapy Workshop Program. The discovery of cryoprecipitate, dosage schedules, and clinical effectiveness are among the topics covered.

(20 minutes).

0206106

BLOOD COMPONENT THERAPY — PLATELETS FOR TRANSFUSION. The importance of platelet transfusions in leukemia, in intensive cancer chemotherapy, and their usefulness in other disease states: a report by Gerald S. Gilchrist, M.B., M.C.H., Assistant Professor of Pediatrics, University of Southern California School of Medicine, and Director of the Platelet Donor Center, Children's Hospital of Los Angeles.

(16 minutes).

0206408

BLOOD COMPONENT THERAPY — THE CLINICAL USE OF GAMMA GLOBULIN. Although safe and effective in many situations, gamma globulin may be contraindicated in others. Both of these areas are discussed by Paul Wehrle, M.D., Hastings Professor of Pediatrics, University of Southern California, and Chief Physician, Children's Division of Los Angeles County General Hospital; Frans Peetoom, M.D., Director of Immunology, Hyland Laboratories; and E. R. Jennings, M.D., Clinical Professor of Pathology, University of California at Irvine, and Director of Pathology, Memorial Hospital of Long Beach.

(20 minutes).

0206307