

**NEW  
FILE  
BEGINS**

Doc # 119

**B&B INFORMATION & IMAGE MANAGEMENT**  
300 PRINCE GEORGE'S BOULEVARD  
UPPER MARLBORO, MARYLAND 20772 • USA • (301) 249-0110

BRIEF SUMMARY OF AUTOMATED HEALTH TESTING - MULTIPHASIC SCREENING  
ACTIVITIES SUPPORTED BY RMPS

At the present time, RMPS supports ten major AMHT-MPS projects. In general these projects use some automated testing equipment, allied health personnel and computers to acquire health data including medical histories, laboratory data and physiologic measurements. Most projects are either part of or closely related to programs for the delivery of primary care to the medically underprivileged. OEO and Model City neighborhood health centers and 314e clinics are often major sources of patients. Training and employing the underprivileged as a paramedical personnel, the projects attempt to supply to those who deliver care a comprehensive data base from which diagnosis can be made by physicians and treatment initiated and continued. The projects focus heavily on the early detection and prevention of heart disease, cancer, stroke, pulmonary and kidney disease, diabetes and related diseases. Results indicate that approximately 50% of those patients screened have significant medical abnormalities.

Many of these projects are becoming excellent examples of optimal utilization of funds and resources. Not only do they serve as centers of service and teaching but also as centers of research. Their investigations include studies of attitudes and behavior of health providers and patients, utilization of health facilities, clinical epidemiology and other problems of the organization and delivery of health care services. Most projects serve as demonstration and consultation centers which assist others in the Regions in the development of strategies to improve the acquisition of patient data and the organization of future health delivery systems.

The Operations Research-Systems Analysis Branch of RMPS has served as a consultation resource to at least 20 Regions which are involved in or planning AMHT-MPS activity. This assistance has taken the form of referral to MPS centers of excellence, planning of projects, correspondence, office and telephonic consultations, visits, development of evaluation protocols and the establishment of MPS committees in Regions. In addition in a number of Regions our consultation has helped to stimulate regional conferences on the role of AMHT-MPS in improving health care delivery. This consultation has paid dividends in the improvement of project proposals, and in the general education of core staffs and project applicants regarding improved methods of patient data acquisition, optimal use of health facilities, the organization of health care systems and the systems approach to the solution of health problems, and the short cutting of the planning process.

At the present time approximately 8 Regions are actively planning or have submitted project proposals to establish AMHT-MPS centers.

Appended is a list of the locations, Regions and present funding of AMHT-MPS projects supported by RMP.

*Frank R. Mark, M.D.*  
Frank R. Mark, M.D.  
Chief, Operations Research and  
Systems Analysis Branch

*M.K./FM.*  
Marshall J. Keyes, M.D.  
Multiphasic Screening Consultant  
Operations Research and Systems  
Analysis Branch

<u>PROJECT</u>	<u>FUNDING FOR PRESENT OPERATIONAL YEAR</u>
Palo Alto, California Regional Medical Program	\$ 91,000
San Joaquin Valley, California Regional Medical Program	186,700
Gainsville, Florida Regional Medical Program	179,200
Indianapolis, Indiana Regional Medical Program	265,000
Baltimore, Maryland (2 pediatric projects) Regional Medical Program	101,000
Nashville, Tennessee Mid-South Regional Medical Program	604,500
Memphis, Tennessee Memphis Regional Medical Program	269,500
Northeast, Mississippi Memphis Regional Medical Program	312,600
Rochester, New York Rochester Regional Medical Program	259,900
Salt Lake City, Utah Intermountain Regional Medical Program	389,000
Richmond, Virginia Virginia Regional Medical Program	approved but unfunded