

5. *A training program in intensive cardiac care, direct cost—\$118,600*

A core faculty of experts in using Cardiac Care Units and diagnosing and treating heart disease will teach short courses in their subjects. The students will be interested physicians and nurses from community hospitals building coronary care units.

6. *Training for nurses in cardiac care and cardiopulmonary resuscitation, direct cost—\$34,000*

This is an integral part of both the cardiac care and cardiopulmonary resuscitation programs for physicians (#4, #5). Nurses trained in Salt Lake City will return to their communities to serve as a core faculty for reaching the techniques at the local level. The nurses will work closely with the similarly trained physicians.

7. *Clinical trainee program in cardiology, direct cost—\$65,700*

This program has two emphases—

(1) To provide general practitioners, internists and cardiologists with training programs in heart disease techniques tailor made to their individual situations.

(2) To increase the number of formally trained clinical cardiologists through a training period (3 months to one year) at the existing cardiology school at the university of Utah.

8. *Visiting consultants and teacher program for small community hospitals, direct cost—\$14,800*

Small communities will be given the option of requesting one or two-day clinics. A minimum number of four cardiac patients will be required. These clinics will upgrade the level of care to victims of heart disease living in remote areas. Visiting physicians will assist the local physician in a precise diagnosis in a precise diagnosis of his patients.

9. *A regional computer-based system for monitoring physiologic data on-line from remote hospitals in the regional medical program, direct cost—\$637,100*

This project's purpose is to test the feasibility of using a central computer to process a variety of physiological signals generated by patients in remote hospitals, feeding the results of calculations from these signals back to stations within the hospitals, and using the information for diagnosis.

10. *Cancer teaching project, direct cost—\$94,300*

This project attempts to upgrade the level of care available to local communities. The coordinator will direct a program of physician education to create trained cancer specialists who in turn, will become centers of cancer information in their local communities. The physicians will receive a small stipend for teaching and obtaining information. A region-wide tumor registry will be started, as will a training program in new techniques for pathologists.

11. *Stroke and related neurological diseases, direct cost—\$98,700*

This project will establish clinics to bring expert consultation service in stroke and related neurological diseases to local communities; will provide continuing education to local physicians and Nurses; will collect data about stroke patients seen and the problems they present to the practitioner. A 24-hour telephone consultation service and information library service will be maintained at the Utah Medical Center to provide community physicians with immediate advice. In addition, practicing physicians will be trained at the medical center in the latest diagnostic and treatment techniques. The courses will last from 4 weeks to one year.

12. *Educational program in respiratory therapy for physicians and nurses, direct cost—\$25,300*

To train physicians and nurses to utilize the special techniques and equipment in respiratory therapy. Five day seminars and follow-up 2 day refresher courses will train participants to administer therapy and to teach others.

13. *Regional endocrine metabolic laboratory, direct cost—\$237,900*

To provide service facilities where practicing physicians can obtain laboratory data essential to the diagnosis and treatment; to create awareness among physicians of the possible presence of metabolic and endocrine abnormalities; to