

7. Two-way radio conference and slide presentation—\$8,445 (direct cost)

Six pilot programs on heart, cancer and stroke topics to be transmitted via two-way radio-telephone slide conferences, to physicians and hospital staffs on topics selected by a panel of physicians, starting with 20 hospitals in Washington are underway. It will explore potential for continuing network series with local and remote regions.

8. Continuing education and on-the-job training of laboratory personnel—\$53,446 (direct cost)

Primary purpose of this activity is to train technical personnel in newer clinical laboratory procedures, and shorten gap between availability of advance in techniques and actual use. First phase is to be directed at 5 local designated training centers in Washington (cities of Seattle, Tacoma, Spokane, Yakima and Vancouver) and Anchorage, Alaska. University of Washington will select from a list of available lab procedures, arrange training courses for technicians in specific ones at designated facilities and establish quality control criteria; they will follow through with education of physicians in newer and practical tests for better diagnosis and treatment.

9. Alaska medical library facilities—\$21,754 (direct cost)

This activity will help develop a community medical library located at the PHS Alaska Native Medical Center, Anchorage, for Alaska physicians and health related staffs and agencies. It will have close ties with community colleges, Arctic Health Research, University at Fairbanks and to supplement continuing education projects for Southeast Alaska and the Anchorage cancer project.

10. Anchorage cancer program—\$51,450 (direct cost)

This project will aid in providing a supervoltage therapy unit for cancer patients to be located in an addition to Providence Hospital in Anchorage. It involves training of radiologist and technical staffs, consultant clinical conferences and accumulation and analysis of diagnostic data. Presbyterian Community Hospital in Anchorage will be participating.

11. Care of children with cancer (study)—\$28,030 (direct cost)

This is an epidemiological study to determine the impact of different methods of care for children with cancer, focusing on differences among children treated in local communities and at major centers; to be conducted by the staff of Children's Orthopedic Hospital and Medical Center, Seattle.

12. Radiation physicist consultation program for radiologists in Washington and Alaska—\$56,393 (direct cost)

This project will provide consultation services of a radiologist-physicist for smaller hospitals, in dosimetry and other problems of radiotherapy. To enhance postgraduate education for radiology residents and paramedical trainees outside of the University system.

13. Computer-aided instruction in heart disease, cancer, and stroke and related diseases—\$53,390 (direct cost)

To develop and evaluate the effectiveness of computer-aided instruction for teaching medical techniques. Participants will be instructed in the use of computer terminals.

WESTERN NEW YORK REGIONAL MEDICAL PROGRAM

With an award of \$357,761, the Western New York Regional Medical Program began its operational program on March 1, 1968. The current operational staff of seven physicians, one nurse, and two secretaries will be expanded to over 20 during the next several months. Over forty hospitals are currently involved in this program, almost all of which are slated to be part of the developing regional two-way TV network for continuing education. Eleven hospitals are represented on the Regional Advisory Group, and an additional two hospitals are serving on planning subcommittees.

Operational Projects

1. Two-way communications network, direct cost—\$170,519

A two-way communication network will link hospitals of Western New York and Erie County, Pennsylvania to the Continuing Education Departments