Examples of NIH Technology Transfer Activities

I. Information Dissemination
II. Demonstration
III. Clinical Trials
IV. Other Efforts

I. Information Dissemination

- To apply successful research advances in the treatment of leukemia and lymphoma, 7 networks link 70 community hospitals to primary hospitals staffed with oncology experts. The physicians of some 2400 patients have been aided by patient management protocols and consultations provided by these projects. (NCI)

- To upgrade education in cancer diagnosis, a series of radiology conferences, involving a variety of cancer sites, will be held in FY 1978. (NCI)

- Handbooks for physicians and dieticians on the dietary management of the hyperlipoproteinemias have been prepared. (NHLBI)

- New research knowledge on trauma and burns is transmitted to Division of Emergency Medical Services, HSA. (NIGMS)

- Rocky Mountain Spotted Fever Laboratory conducts workshops to train State health department staff and physicians in diagnosis of Rocky Mountain Spotted Fever, especially in Southeastern states.

- A wide variety of articles published in professional journals.

- Conferences at which researchers present recommendations on practice based on research, (e.g., indications and current practices for tonsillectomies and adenoidectomies). (NINCDS)

- Publications, with research results, for the general public, sufferers from illnesses and their families, and practitioners.

- Other educational programs, like worker education in environmental carcinogenesis, in cooperation with OSHA. (NCI)

- Massive library and indexing services, including regional medical library program providing 2 million documents a year to health practitioners. (NLM)

II. Demonstrations

- Cervical cancer screening, in 35 states and territories. (NCI)

- Comprehensive epilepsy programs in five states. (NINCDS)

- Heart and Blood Disease Control Demonstration Center (Baylor). (NCI)

- Assessment of inpatient hospice and at-home care for terminal cancer patients. (NCI)

- Follow-up procedures for persons exposed to carcinogens. (NCI)

III. Clinical Trials

- Value of vitrectomy surgery for advanced cases of diabetic retinopathy - one of the leading causes of blindness. (NEI)

- Evaluation and validation of various therapeutic approaches to stroke. (NINCDS)

- Validation of the most effective clinical management of myasthenia gravis. (NINCDS)

IV. Other efforts

- Develop and evaluate types of electrodes for chronic implantation and chronic stimulation of nerve or muscle. (NINCDS)

- Utilization of computerized vocal scanning to screen for incipient laryngeal tumor pathology. (NINCDS)

- Survey of public knowledge and attitudes regarding blood pressure. (NHLBI)

- Testing of new psychophysical and physiological optics techniques for clinical use. (NEI)