

PEDIATRIC ONCOLOGY OUTREACH TO HUNGARY (POOH)

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1995 ANNUAL REPORT

Participating Institutions:

**University of Kansas Medical Center (KUMC)
Second Department of Pediatrics of the Semmelweis University
Medical School (SDP)
National Institute of Neurosurgery (NINS)
Agency for International Development (USAID)**

Following, is a summarization of accomplishments of the POOH project during the period of 1 January, 1995 through 31 December, 1995.

I. Training of Hungarian Pediatric Nurses

Two Pediatric Oncology Nurses' Training Courses were held at the Second Department of Pediatrics of the Semmelweis University Medical School in Budapest. The first session was held on 13-17 February. The second session was held on 25-29 September. Ms Lavonne Ridder, Pediatric Nurse Oncology Clinician at KUMC attended both sessions. Dr. Tribhawan Vats, Director of the Department of Pediatric Hematology/Oncology at KUMC, attended the second session with Ms Ridder. The goal of each Nurses' Training Session was to increase nursing knowledge of pediatric oncology nursing care and to improve nursing follow-up of patients after they leave the primary pediatric oncology center. The Director of the School of Nursing in Budapest participated in the two courses and a total of thirty nurses representing every hospital in Hungary with a pediatric ward, attended.

Following, are topics presented in the two courses:

- Quality Assurance in Nursing Standards and Process Standards
- Enteral and Parenteral Nutrition
- Precautions in Preparation of and Administration of Chemotherapy Agents
- Radiation Therapy
- Sepsis
- Home Nursing Care
- Hospice
- Ethical Issues Related to Alternative Therapies
- Antiemetic Treatment
- Communication Issues
- Rehabilitation in Relation to Care of the Amputee
- Pain Relief in Pediatric Oncology
- New Chemotherapeutic Agents
- Documentation
- Use of Erythropoietin in Pediatric Oncology

- Role of Leukocyte Filters in Supportive Therapy of Pediatric Patients with Cancer
- Nephrotoxicity of Chemotherapy Agents
- Necessary Testing Prior to Bone Marrow Transplant
- Epidemiology of Malignant Diseases
- The Parent Role During Treatment of the Child with Malignant Disease
- The Importance of Parent Support Groups
- Experiences of Home Nursing Care

During 1995, an "Association of the Hungarian Pediatric Oncology Nurse" was founded. It's mission statement is to improve nursing care for the pediatric cancer patient.

II. Multidisciplinary Physician Involvement in the POOH Project

Following, is a listing of special physician involvement in the POOH project throughout 1995:

A. Prof. Dezső Schuler visited KUMC on 26 March through 2 April. He met with Dr. Frederick F. Holmes, Principal Investigator, KUMC, Dr. Tribhawan Vats, Co-Investigator, KUMC, and Dr. John Kepes, Co-Investigator, KUMC in planning sessions for the IV Annual POOH Symposium, and treatment protocol upgrades. He met with Dr. Richard Evans, Director of Radiation Oncology, KUMC, in special case consultation. Prof. Schuler also delivered a lecture, "Oncology in Hungary", during Pediatric Grand Rounds.

B. In April 4-6, Dr. Krisztina Paal, Clinical Pharmacologist traveled to the United Kingdom to participate in a seminar on the use of High Pressure Liquid Chromatography in monitoring drug levels in body fluids.

C. The IV Annual Winnie-the-POOH symposium on Pediatric Malignancies was held in Kecskemét, Hungary on 14-16 May, 1995. The POOH symposium was held in conjunction with the International Congress of the Hungarian Society for Pediatric Neurology, Neurosurgery, and Child and Adolescent Psychiatry. Approximately 250 were in attendance. Ten physicians from Croatia, Serbia, Poland, Slovakia, Romania, and the Czech Republic were brought as guests to the conference by the POOH project.

D. Dr. Enikő Apjok, data manager at SDP, visited KUMC on 18-27 June. She met with Dr. Robert Bolinger and Mr. Ed Brown, Department of Biometry, KUMC to discuss problems and expansion of the Pediatric Tumor Registry.

E. Dr. Felecia Slowik, Chief Neuropathologist, NINS, represented the POOH project at the 71st Annual Meeting of the American Association of Neuropathologists on 7-11 June.

F. In May, Dr. Felecia Slowik, Chief Neuropathologist, NINS, and Dr. John Kepes, Neuropathologist and Co-Investigator, KUMC, began an on-going collaboration into the nature of hemangioblastomas.

G. Dr. Joseph Borsi, Chief of Pediatric Oncology at SDP, visited KUMC on 22-28 July. He met with Dr. Tribhawan Vats, Director of Pediatric Hematology/Oncology, KUMC, and Dr. Frederick Holmes, Principal Investigator, KUMC, to discuss treatment protocol upgrades. Dr. Borsi delivered a Residents' Conference Lecture entitled "Use of Human Recombinant Erythropoietin for the Prevention and Treatment of Cytostatic Induced Anemia in Children".

H. Dr. Csilla Csaki, Pediatric Oncologist, SDP, visited KUMC on 22-28 July. She met with Dr. Tribhawan Vats on the issue of treatment protocol upgrades. She also conducted extensive literature searches in KUMC's medical library.

I. Dr. Béla Kocsis, Chief Radiotherapist at the National Institute of Oncology, Budapest, Hungary, traveled to KUMC on 24-30 September to meet with Dr. Richard Evans, Director of Radiation Therapy at KUMC. Dr. Kocsis and Dr. Evans discussed Radiotherapy of central nervous system tumors in children, immobilization during treatment of brain tumors, and management of histiocytosis. In addition, Dr. Kocsis and Dr. Evans planned an on-going collaboration of data of pediatric central nervous system tumors in children for publication.

J. Dr. Hedvig Bodanszky visited KUMC on 1-9 October to meet with Dr. Paul Schloerb of the Department of Surgery, KUMC. Dr. Bodanszky and Dr. Schloerb have established an on-going collaboration into the study of Blutamine in Parenteral and Enteral Nutrition in Pediatric Oncology Patients.

III. POOH Pediatric Tumor Registry

Throughout 1995, Dr. Robert Bolinger, Registry Programmer, KUMC, Mr. Ed Brown, Department of Biometry, KUMC, and Dr. Enikő Apjok, Data Manager, SDP, continued to collaborate in the development of the POOH Tumor Registry. Dr. Dennis Zamoraczy, Data Manager at NINS, left the project in June, 1995.

In May, the IV Annual Winnie-the-POOH Symposium on Pediatric Malignancies was held in Kecskemét, Hungary. Dr. Enikő Apjok and Dr. Frederick Holmes met with ten physicians from six different East European countries to demonstrate the POOH Pediatric tumor Registry system. Each physician was given the POOH Tumor Registry package which included software and users' manuals with the expectation that they would implement the Registry in their own hospitals. Dr. Apjok will act as liaison between KUMC and these physicians, answering questions regarding the Registry and forwarding questions to KUMC as needed.

Dr. Enikő Apjok visited KUMC in June 18-27, 1995 to meet with Dr. Robert Bolinger, POOH Registry Programmer at KUMC and Mr. Ed Brown, Department of Biometry at KUMC. They discussed possible changes and upgrades to the program and statistical package. Dr. Apjok also conducted literature searches in the KUMC medical library.

On October 30 through November 1, 1995, Dr. Enikö Apjok attended the 1995, International Association of Cancer Registries in Rio de Janeiro, Brazil. Dr. Apjok represented the POOH Tumor Registry as well as the country of Hungary at the meeting. She presented a poster there, describing the POOH Pediatric Tumor Registry.

IV. Equipment and Materials

Following is a list of equipment, materials, books, and journals purchased and/or donated for SDP and NINS by the POOH project:

Equipment and materials purchased

- Monoclonal Antibodies-SDP
- Clinical Laboratory and Diagnostic Computer Software-NINS
- Digital Refrigerated Bath for a High Pressure Liquid Chromatography Unit-SDP
- Pediatric Gastroscope-SDP
- Neuroscan Quicktrace Electroencephalography EEG/EP Headstage Unit-SDP

Donated medical text books and medical journals

- CA Journal for Clinicians
- Journal of Oncology Management
- Infections in Medicine
- Academic Physician and Scientist
- Journal of American Blood Research Association
- Pediatrics
- Monographs, Journal of the National Cancer Institute
- Cancer Investigation
- Oncology
- Blood
- Cancer Control
- Cancer
- Handbook of Nursing Diagnosis
- Nursing Diagnoses with Intervention
- Mosby's Nursing Drug Reference
- Pediatric Medications
- Handbook of Drugs for Nursing Practice
- Cancer Facts and Figures
- Texas, 1992 Cancer Mortality Statistics
- Cancer in Poland
- Cancer Program Annual Report
- SEER Cancer Statistics Review

Donations from Direct Relief International(DRI) for the POOH project

- Vitamin and Mineral Supplements
- Local Anesthetics
- Analgesics-Antipyretics
- Respiratory Agents
- Antibiotics

DRI donations continued

- Dermatological Agents
- Gastrointestinal Agents
- Acetaminophen
- First Aid Supplies
- Surgical Supplies
- Oxygen Therapy Supplies
- Hospital/Clinic Supplies
- Personal Care Products
- Vital Signs Monitor
- Blood Pressure Monitors
- Transformers

V. The IVth Annual Winnie-the-POOH Symposium on Pediatric Malignancies

The IVth Annual Winnie-the-POOH Symposium on Pediatric Malignancies was held in Kecskemét, Hungary in May, 1995. The symposium was held in conjunction with the International Congress of the Hungarian Society for Pediatric Neurology, Neurosurgery, Child and Adolescent Psychiatry. Approximately 250 persons attended.

The POOH project sponsored ten physicians from Serbia, Croatia, Poland, Slovakia, Romania, and the Czech Republic to the symposium. Eight of these invited physicians delivered lectures during the conference.

VI. Employees of SDP and NINS Paid With Funds From the POOH Project

As in years 1,2, and 3 of the POOH project, subcontracts were set up, with USAID approval, through the Kansas State system to pay the salaries of Hungarian employees assigned to work, either full or part time on the POOH project. Money was transferred to two separate accounts in Budapest for SDP and NINS on a quarterly basis, according to receipts of payment from bank records. Only amounts paid out were reimbursed from the subcontracts. The amounts are those designated in the USAID award under Direct Labor, Hungarian Component.

Respectfully submitted as 1995 Annual Report for the Pediatric Oncology Outreach to Hungary (POOH) project.



Frederick F. Holmes
Principal Investigator