

# The University of Kansas Medical Center

Information Technology Services & Research

## **Telemedicine: Launching Vietnam into the 21<sup>st</sup> Century**

### **Phase 1: Project Development**

Telemedicine: the use of telecommunication technologies to provide medical services and education over a distance.

Goal: To design a telemedicine program for Vietnam that will allow Hanoi to (1) link with the University of Kansas Medical Center for educational programs and clinical support, and (2) link medical facilities within Vietnam to share educational and clinical services.

#### **Phase 1 Tasks:**

##### **(1) Needs Assessment**

- a) Data Collection: Design, collect and analyze data through formal survey instruments and ongoing interviews with Ministry of Health and to-be-determined medical facility staff.
- b) On-site Assessment: KUMC telemedicine team to conduct trip(s) to selected telemedicine sites in Vietnam to assess level and quality of equipment and services available.
- c) Telecommunication liaison: KUMC will work with Vietnamese Postal Service to coordinate telecommunication requirements for project.

##### **(2) Education**

KUMC telemedicine staff will provide education about telemedicine as needed to relevant Vietnamese project participants, vendors, associates of Uplift, Inc.

##### **(3) Program Design**

Based on the information gathered during the survey and on-site assessment phase, KUMC will submit a formal proposal outlining a five-year telemedicine rollout plan to include:

- a. Time table for equipment/telecommunication install, testing and programmatic roll out
- b. List of continuing education/postgraduate programs and faculty
- c. Schedule of clinical services to be provided via telemedicine
- d. Evaluation plan to measure efficacy and success of Vietnamese telemedicine program
- e. Budget for five-year plan to include: faculty stipends for education and clinical services; hardware and telecommunication expenses; administrative and technical support costs; evaluation expenses

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### **Project Timetable**

October 31, 1997	Funding secured for Phase 1
November, 1997	Formal written survey conducted with Ministry of Health
Nov/Dec, 1997	Coordination with Vietnam Postal Service to resolve telecommunication issues
December, 1997	Analysis of data
January, 1998	On-site assessment in Vietnam
February 15, 1998	Development of 5-year project plan and report
Jan/Feb, 1998	Installation / Testing of Telemedicine Equipment
March, 1998	Launch Telemedicine Project