

We apply data to
evaluate program
costs and benefits.



The Value of Technology in Preventing Medical Evacuations

Over the course of the one-and-a-half year study period, the teleconsultation system known as Health Experts on Line at Portsmouth (HELP) prevented 50 medical evacuations (MEDEVACs) out of 559 consults by connecting specialists to patients instead of transporting patients to providers. HELP's director turned to us to determine the system's return on investment.

Boasting more than 1,500 users, HELP links providers from fleet and primary care clinics around the world to non-local specialists via the click of a mouse. HELP also coordinates patient movements and allows providers to request and share patient medical documents. But, did the prevented MEDEVACs translate to actual cost savings?

We compared the cost of system startup and maintenance, the per-minute cost of provider time, and the time spent per consult against the savings from avoided transportation costs and reduced losses in productivity. The analysis demonstrated a positive return on investment of ~250%, indicating that the HELP program produces significant value to Navy medicine.

For more details or to learn how the Health Analysis Department can help you evaluate return on investment, visit:

www.med.navy.mil/sites/nmcphc/health-analysis

