

## **TELEHEALTH PROJECT SUMMARY TEMPLATE**

Please provide information on all major projects in the last ten years (1998-2008) and any planned future projects

SUMMARY WRITER: **Karen Seth**

PROJECT NAME: **Queen's Movement Disorder Telemedicine Clinic**

ORGANIZATION/AGENCY (and primary contact): **The Queen's Medical Center Neuroscience Institute**

FUNDING (source and amount): **\$1,200 educational grants from pharmaceutical companies per clinic**

START UP FUNDS: **Weinberg Foundation and Queen's Health Systems for equipment costs**

REIMBURSEMENT (submitted/not submitted): **not submitted**

DURATION (start time and date): **2001- present**

PURPOSE/INTENT (100 words maximum):

**The community lacks extensive expertise in the field of movement disorders. Telemedicine enables Honolulu physicians to interact with a movement disorder expert at the University of Virginia and gain further expertise in a real-time and practical situation. The purpose of the quarterly clinic is to educate physicians on management of patients with movement disorders, such as severe Parkinson's Disease, unusual variant and typical progressive supranuclear palsy, severe torticollis, orthostatic essential tremor, restless legs syndrome, and multisystem atrophy and identify what treatment modalities are best for which patient population.**

MAJOR CRITICAL ACCOMPLISHMENTS: **QMC has been able to sustain this clinic for the past seven years. Both physician and patient are present to benefit from the expertise and education.**

CRITICAL SUCCESS FACTORS: **Clinical coordination from a local neurologist who is the physician champion, administrative and grant writing assistance from the Queen's Neuroscience Institute, CME support from the Queen's CME office and commitment from University of Virginia movement disorder expert, Frederick Wooten, MD.**

CRITICAL BARRIERS (overcome or not): **Funding (overcome so far)**

MAJOR LESSON LEARNED: **Telemedicine is particularly helpful for treating movement disorders because one needs to observe a motion before a diagnosis can be made.**

CURRENT STATUS (active, planned, dormant, completed, other?): **Active**

PARTNERING ORGANIZATIONS: **University of Virginia**

IS THERE A CLINICAL CHAMPION OR A COMMITTEE OVERSEEING THE TELEMEDICINE PROGRAM? **Anthony Mauro, MD, local community neurologist is the clinical champion, and the Queen's Neuroscience Institute provides the administrative support.**

TECHNOLOGY USED: **Digital videoconferencing equipment with high speed ISDN line at the Queen's Conference Center.**