

## 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: **Jeffrey Yu, MD**

PROJECT NAME: **Waianae Coast Radiology**

ORGANIZATION/AGENCY (and primary contact): **Queen's Medical Center and Waianae Coast Comprehensive Health Center**

FUNDING (source and amount): **Jeffrey Yu - Personal Time**

START UP FUNDS: **\$0**

REIMBURSEMENT (submitted/not submitted): **\$0**

DURATION (start time and date): **April 2001**

PURPOSE/INTENT (100 words maximum):

**To improve the interpretation turn-around time of Radiological procedures performed at Waianae by moving to a teleradiology transmission vs on-site interpretation.**

MAJOR CRITICAL ACCOMPLISHMENTS: **Improved Radiology turn-around time from 1 week for preliminary interpretation and 2 weeks for final interpretation to 4 hours for preliminary and maximum 1 day for final interpretation.**

CRITICAL SUCCESS FACTORS: **1) Reduction or elimination of data entry 2) Sufficient bandwidth for image transmission 3) Properly educating and informing all people involved of their workflow steps and how important it is that they comply, 4) Setting up QA processes that are intertwined with workflow aka that cannot be skipped.**

CRITICAL BARRIERS (overcome or not): **1) Consistent Radiology interpretation**

MAJOR LESSON LEARNED: **1) See critical success factors.**

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

PARTNERING ORGANIZATIONS: **QMC, WCCHC**

IS THERE A CLINICAL CHAMPION OR A COMMITTEE OVERSEEING THE TELEMEDICINE PROGRAM? **Yes**

TECHNOLOGY USED: **Custom Written Radiology Information System and DICOM Transmission**