

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: **Molokai Radiology**

ORGANIZATION/AGENCY (and primary contact): **Queen's Medical Center and Molokai General Hospital**

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 Molokai General Hospital 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 max 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, MGH

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

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