

## **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: **Floyd Tokusato**

PROJECT NAME: **Telehealth and Telemedicine**

ORGANIZATION/AGENCY (and primary contact): **HHSC/Kona Community Hospital - Floyd Tokusato**

FUNDING (source and amount): **USDA grant \$397,000.00; Local purchases \$7,000.00**

START UP FUNDS: **none**

REIMBURSEMENT (submitted/not submitted): **none**

DURATION (start time and date): **1995 to present**

PURPOSE/INTENT (100 words maximum):

**Telehealth and Telemedicine capabilities to remotely assess patients with specialty care providers. The current system has been in use for remote neonatal, psychiatric, dermatological, and other medical assessments by remote providers. Secondary uses include teleconferencing for meetings, education, and physician grand rounds.**

MAJOR CRITICAL ACCOMPLISHMENTS:

**Neonatal telemedicine sessions between our Neonatal unit and Kapiolani Children's Center for critical care neonatal assessment and stabilization prior to transport**

CRITICAL SUCCESS FACTORS:

**Coordination with remote facility for unsupported direct dial capabilities for 24/7 emergency telemedicine sessions as they arise.**

CRITICAL BARRIERS (overcome or not):

**Having local and remote medical staff available and trained to use equipment.**

**Having a pool of specialty providers ready for remote assessments**

MAJOR LESSON LEARNED:

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

**Equipment is dated, a few units don't work at all, most diagnostic instruments don't work, these include scopes and illuminators.**

**Connection is sometimes unreliable, resolution not good enough for detail needed in dermatology and neonatal assessments.**

PARTNERING ORGANIZATIONS:

**Kapiolani Children's and Women's Center, Queens Medical Center**

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

**Dr. Wesley Sugai, KCH Pediatrician is the clinical champion. No committee locally**

TECHNOLOGY USED:

**Tanberg, Polycom, VTC units, Dell, IBM PC's, IBM, Dell, Sony displays, Sony cameras, Welch Allen Scopes, AMD illuminators, over T-1 connection using TCP/IP.**