Abstract

Point of Care (POC) is a fundamental management tool in telemedicine and diabetes management. The Siemens Rapidpoint 500 analyzer is a POC device that tests blood levels in patients at the bedside or near the patient, and will replace the analyzers currently used at Providence Hospital in Anchorage, Alaska. To implement use of the new machine, a validation plan, a procedure manual for running the instrument, and an educational module were created. The educational module was composed of a PowerPoint presentation, quiz, and a competency check-off sheet. By bringing these pieces together, the implementation plan progressed and the instrument went “live”. The educational module was used to train the Respiratory Therapy Department within the Neonatal Intensive Care Unit (NICU) at Providence how to properly use, clean, test, and utilize the Siemens Rapidpoint 500 analyzer. An assessment of the staff’s reaction to the educational module was performed to inform future training module improvement.