

Utilization of Whole Slide Image Digital Pathology Communication System for Surgical Pathology Quality Assurance Program Michael Suriawinata, Laura Gordon, Gerald Jackman, Matthew Stone*, Robin Weisburger**, Tamara Fairbank

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Introduction

Quality assurance program (QA) is an important component of a surgical pathology service and generally employs a multitude of case review methods.

The Department of Pathology at Dartmouth-Hitchcock Medical Center (DHMC) validated and established: **Post-sign out QA program supported by whole slide** image (WSI) digital pathology communication system

The QA experience mimics telepathology or second opinion using WSI.

Technology Whole slide imaging **Digital pathology** communication system Design

Hardware: 2 whole side scanners + WSI server

Software: Corista DP3 Pathology platform

Personnel support: 2 histotechnologists

Case selection: Positive/malignant biopsy cases selected at sign out

QA pathologist has to be different from the original pathologist who signed out the case



