GMSU Eliminates Whole Slide Imaging

A land-grant research university with 27,000+ students, GMSU (Great Mid-South University) is a graduate school offering more than 160 post-graduate degree programs within four professional schools, including the GMSU School of Medicine, which grants MD and the PhD degrees.

Previous to signing on with Remote Medical Technologies, the school relied on whole slide imaging – the process of scanning slides and then emailing images to colleagues. While effective, whole slide imaging is cumbersome, tedious and costly.

First, it requires a great deal of "hurry up and wait" time during which technicians scan hundreds of tissue slides and pathologists wait for this work to be done. Second, each slide is scanned in parts – which adds to the time delay as pathologists look at various images to find the one they need. And third, the scanned images are huge files, making it difficult to handle them, store them and most important, share them. To archive the resulting thousands of images, healthcare organizations must then consider purchasing an additional data management system – which makes Whole Slide Imaging a costly endeavor.

The iMedHD™ telepathology system eliminates the need for scanning or archiving large image files as it delivers live, real-time, high definition images over the Internet to one or more distant participants simultaneously. The camera attaches to any microscope with a C-Mount; the pathologist then sends a password protected URL to colleagues who then login. Once the login has been approved, meeting participants see slide just as if they were viewing it on their own microscopes.

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