

Tucson, Arizona, October 27, 2011

Ventana Medical Systems, Inc. introduces groundbreaking laboratory workflow integration

Virtuoso digital pathology software and the VANTAGE workflow management solution work together for improved lab management

[Ventana Medical Systems, Inc.](#) (Ventana), a member of the Roche Group, announced today a first-of-its-kind integration of the VIRTUOSO digital pathology software and [VANTAGE](#) workflow management solution, bringing unprecedented workflow integration to the anatomic pathology lab.

The VIRTUOSO -VANTAGE integration enables pathologists and lab managers to track the progress of a slide from preparation to digitization along with other critical slide information, giving the lab unprecedented visibility into their processes to optimize lab workflow.

“In our continuing effort to further improve our comprehensive solution for the AP Lab, we asked pathologists and lab managers several key questions,” explained Steve Burnell, PhD, lifecycle leader for advanced workflow. “How do you obtain feedback on slide quality from the pathologist? How do you ensure that cases reviewed are of the highest quality? How do you receive updates on the status of cases or urgent orders? The integration of VIRTUOSO with VANTAGE effectively answers these questions by providing complete visibility into key laboratory processes such as workflow events, case history, slide quality and slide processing.”

With this integrated solution, Pathologists using VIRTUOSO will be able to:

- Check the histology status of a pending slide
- Review the entire histology processing history of a slide
- Provide image quality feedback to the histotechnologist for corrective action tracking

Lab managers using VANTAGE will be able to:

- Review the pathologist workflow of a case
- Run quality reports on digital slides

The VANTAGE workflow solution is another Ventana first in the industry. It automates, streamlines, and integrates lab work and information flow to provide maximum productivity and patient safety gains. VIRTUOSO image management software is a web-based application that orchestrates the workflow around the digital slide, from the moment the slide is scanned until the slide image is viewed and the results reported.

With this integration, slide data is now seamlessly shared between VIRTUOSO and VANTAGE. This facilitates the exchange of information between pathologists and lab managers, resulting in improved communications and a more streamlined workflow while maintaining high quality. Workflow optimization is becoming increasingly important in modern pathology labs, particularly as lab professionals adopt digital pathology into their existing glass slide workflow.

Ventana provides complete digital pathology solutions. The [iScan Coreo Au](#) slide scanner is integrated with VIRTUOSO for image management functionality from acquisition through reporting. The [VENTANA iScan HT](#) slide scanner, launching soon, will also be integrated with VIRTUOSO. To view the entire suite

of digital pathology products, including the VIRTUOSO -VANTAGE integration, visit Ventana at booth #200 during Pathology Visions 2011 at the Manchester Grand Hyatt, San Diego, from Oct. 30 – Nov. 4, 2011. The VENTANA iScan HT is for research use only. Not for use in diagnostic procedures. Ventana products are for *in vitro* diagnostic use for specific applications, and are research use only for other applications.

About Ventana Medical Systems, Inc. Ventana Medical Systems, Inc. (“VMSI”) (SIX: RO, ROG; OTCQX: RHHBY), a member of the Roche Group, innovates and manufactures instruments and reagents that automate tissue processing and slide staining for cancer diagnostics. VENTANA solutions are used in clinical histology and drug development research laboratories worldwide. The company’s “Smart Systems” – intuitive, integrated staining and workflow management platforms that optimize laboratory efficiencies to reduce errors – support diagnosis and inform treatment decisions for anatomic pathology professionals. Together with Roche, VMSI is driving personalized medicine through accelerated drug discovery and the development of “companion diagnostics” to identify the patients most likely to respond favorably to specific therapies. Visit www.ventana.com to learn more.

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