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Hillrom introduces new technology in fight against Diabetic Retinopathy

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New Welch AllynÂ® RetinaVueÂ® 700 Imager Features Enhanced Security, 60Â° Degree Field of View and Completely Automated Retinal Image Acquisition in Pupils as Small as 2.5 Millimeters



Hillrom announced that its latest innovation in vision screening and diagnostics with the introduction of the Welch Allyn® RetinaVue® 700 Imager handheld retinal camera, part of the RetinaVue® Care Delivery Model that enables remote ophthalmologists to diagnose diabetic retinopathy in patients with diabetes during routine primary care office visits. Diabetic retinopathy is the leading cause of blindness in working-age adults1.

Hillrom President and CEO John Groetelaars said, "Our next-generation RetinaVue 700 Imager offers primary caregivers a simpler, faster and more cost-effective way to help customers achieve patient compliance with eye exams and help catch vision-threatening disease earlier. The new RetinaVue 700 Imager represents an exciting growth opportunity and an outstanding demonstration of our promise of Advancing Connected Care™."

Hillrom's new Welch Allyn RetinaVue 700 Imager is the first handheld camera that is capable of capturing high-quality retinal images in a fully automated fashion in pupils as small as 2.5 millimeters2. With its 60-degree field of view and image-quality assessment algorithm, the new RetinaVue 700 Imager enables remote eye specialists to efficiently review up to 75% more retinal area compared to cameras with a standard 45-degree field of view. A new study3 demonstrates that image quality from the RetinaVue 700 Imager is as good as a leading large, automated non-mydriatic tabletop camera.

Patient-data security is built in at every layer of the RetinaVue Care Delivery Model, including the RetinaVue 700 Imager device and Hillrom's HIPAA/HITECH-compliant RetinaVue Network, which features end-to-end encryption of data in transit and at rest, along with secure client-server authentication. The RetinaVue Network, hosted on Microsoft® Azure™ cloud, is independently verified for security, privacy and compliance controls.

The new RetinaVue 700 device is Wi-Fi-enabled, providing mobility, and connects to major EMR systems to integrate seamlessly with clinical workflows and to enable best-practice reminder alerts for caregiver teams. Images are securely transferred to board-certified, state-licensed ophthalmologists and retina specialists at RetinaVue P.C., the first tele-ophthalmology provider to earn The Joint Commission's Gold Seal of Approval®, or to a preferred local eye care specialist, who return a complete diagnostic report to the primary care physician. The reports include retinal images, ICD 10 codes and a recommended referral/care plan, generally in one business day.