

## **LEGACY EMANUEL RELIES ON FUJIFILM'S FDR GO AND VIRTUAL GRID TO MAKE THE RIGHT TREATMENT DECISIONS QUICKLY AND SAFELY**

*Techs save approximately 10-12 minutes on every acquisition without compromising image quality in busy 24/7 ED*

**Stamford, CT, November 24, 2015 (Booth #4165, South Building, Hall A)** – The imaging team at Legacy Emanuel Medical Center, a full-status Level 1 Trauma Center in Portland, OR, is reducing image acquisition time, lowering patient radiation dose, and delivering high quality images that help emergency clinicians save lives with the installations of Fujifilm's [FDR Go](#) and [Virtual Grid](#).

“When choosing a portable unit, we looked for that hard-to-find combination of a technologically savvy, user-friendly and durable system,” said Tommy Williams, RT(R)(CT), ARRT, manager of Imaging Services at Legacy Emanuel Medical Center. “Yet we couldn't compromise on image quality because our emergency physicians and surgeons depend on these images to make the right treatment decisions quickly and safely.”

After evaluating six vendors and a variety of solutions, Williams chose three Fujifilm FDR Go DR systems with Virtual Grid and implemented them in the adult ER/trauma unit at Legacy Emanuel in February 2015.

Fujifilm's FDR Go mobile DR is a full-featured system in a compact design. Fujifilm's Virtual Grid is a unique new image processing tool that intelligently adapts contrast to improve image quality for exams acquired without a grid.

“Virtual Grid was a key factor in our decision-making process. It automatically adapts the image processing to replicate grid use to reduce degradation of the image quality caused by scatter radiation,” said Williams. “We often don't have much information on incoming patients from emergency responders, and in many cases we also don't have the time to place and then line up a grid behind the patient.”

The team uses the Virtual Grid feature in 90% of all portable chest exams and 75% of abdomen exams —which helps ensure physicians receive high quality images in a hectic emergency environment.

Williams attributes several other benefits to replacing Legacy Emanuel's CR systems with Fujifilm's portable FDR Go units. For example, technologists are saving 10 to 12 minutes on every image acquisition, and study repeat rates have dropped from 8% to 4.2% today with a target of 2% --saving time, unnecessary cost and radiation exposure to patients and staff. Moreover, Williams reports that the team reduced dose by 30% when they moved from CR to DR and by "17% when they transitioned from another vendor's DR to Fujifilm's FDR Go".

"There's no question that mobile DR systems make sense in chaotic settings such as emergency departments and trauma units," said Rob Fabrizio, director of marketing and product development, Digital x-ray and Women's Health, FUJIFILM Medical Systems U.S.A., Inc. "Fujifilm's FDR Go is a solid, reliable, easy-to-maneuver mobile system and the Virtual Grid feature helps assure images won't be compromised at a time when every second counts."

To register for a product demonstration at RSNA, please click [here](#). For more information about Fujifilm, please visit [www.fujifilmhealthcare.com](http://www.fujifilmhealthcare.com).

### **About Fujifilm**

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