

**Canon**



**KALARE™**

with Flat Panel Detector

A Blend of  
Performance and  
Value in  
Fluoroscopy

# Where Versatility Meets Value

When it comes to fluoroscopic imaging, healthcare organizations need an affordable R/F system they trust to get the job done. Kalare delivers. Both radiography and fluoroscopy capabilities are included in one flexible system, offering economical performance for even the most demanding clinical environments.

Kalare's 17" x 17" dynamic flat panel detector provides sharp, high-quality images in real time and the system incorporates grid controlled pulsed fluoroscopy which lowers dose.

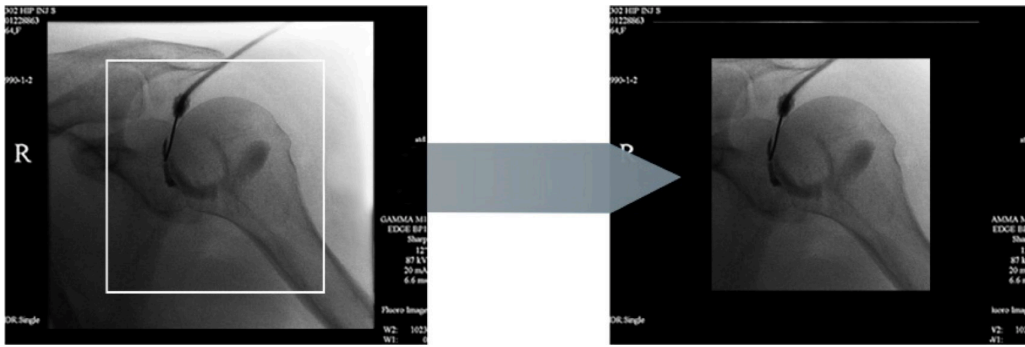
Convenient tableside operation and Kalare's generous number of features supports clinicians to streamline workflow without compromising patient care.



# Dose considerations for better care

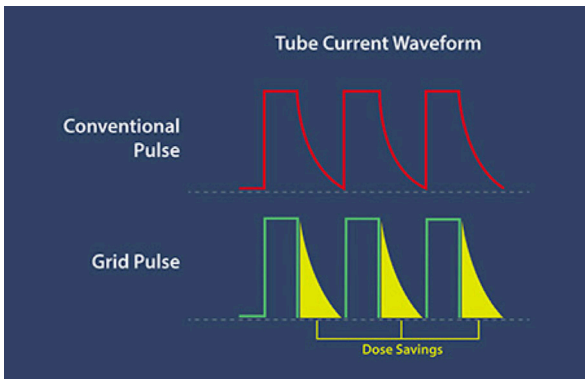
A comprehensive set of dose management tools comes standard because Canon Medical knows that managing dose is paramount.

In order to select the most suitable pulsed fluoroscopy mode and to minimize the exposure dose, Kalare takes advantage of the latest grid controlled pulsed fluoroscopy.



## Last Image Hold and Virtual Collimation

- Last Image Hold (LIH) displays the last fluoroscopic image for review without further exposure
- Virtual collimation lets you position the collimator using LIH without fluoroscopy use



## Grid Controlled Pulsed Fluoroscopy

- Lowers patient dose by reducing X-ray exposure that doesn't contribute to the diagnostic image
- Features in-tube grid switching that virtually eliminates leading and trailing edge of soft x-rays for a more efficient pulse fluoroscopy



Enclosed table design offers reduction of scatter radiation when in the upright position

# Image Quality You Can Count On

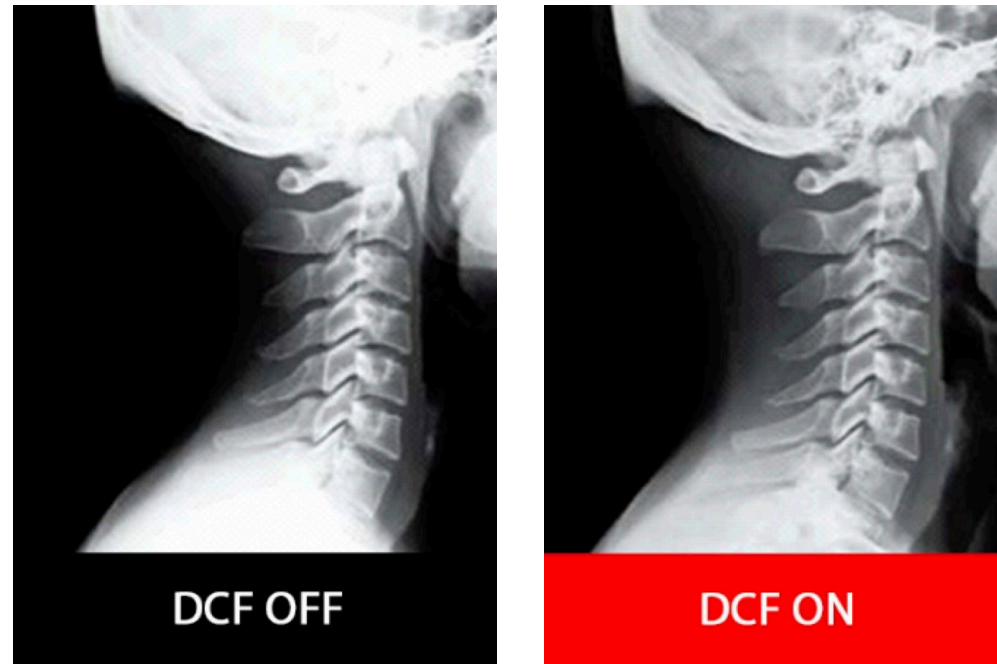
Kalare's 17 x 17 inch dynamic CsI detector offers high resolution and wide coverage of anatomy. The Harmony (HDR) workstation facilitates acquisition, allows review, post processing and archiving of images in an efficient manner.

## SNRF—Super Noise Reduction Filter

The Super Noise Reduction Filter (SNRF), Canon Medical Systems' proprietary technology, which has been developed based on a thorough re-evaluation of conventional X-ray control and digital image processing. With SNRF, the desired signals and unwanted noise are calculated in real time in order to extract the signals for each image pixel. There is no need to increase x-ray dose in order to reduce noise or to employ noise-reduction techniques such as a temporal filter (recursive filter) or frequency conversion.

## DCF-Digital Compensation Filter

The Digital Compensation Filter can correct the partially blacked-out areas caused by intestinal gas or barium contrasting or by differences in patient body composition to deliver sharp and clear images.



DCF-Digital Compensation Filter



# Confident performance and ultimate patient-centered care

## Convenient tableside operability

- Ambidextrous 360° control handle and expanded range of motion ensure ample coverage for fluoro exams
- Image tower with motorized-assist and full generator control
- Color LCD touch screen panel with backlit buttons for better visibility in low light scenarios

## Table features with attention to safety and comfort

- Flexible table tilt from 90°/45° horizontally or vertically
- Integrated patient footstep for safe and simple patient loading and unloading
- Wide 30-inch table top for patient comfort and convenience when positioning during exams

## Support a broad patient population

- 80 kW generator and high-capacity 600 kHU X-ray tube to handle busy workflows
- Patient table weight capacity of up to 600 lbs
- 21-inch gantry opening (table to FPD) accommodates bariatric imaging and the space needed for speech pathology chairs when the table is in the upright position
- Grid can be mechanically retracted for applicable pediatric imaging



Kalare's table offers a unique built-in step for seamless patient access.



Kalare's tableside operability allows clinicians to focus on the patient throughout the exam.



Ability to tilt the table upright 90 degrees and Trendelenburg 45 degrees.

# A Solid Technology Investment

Break through financial and operational barriers by customizing your Kalare system configuration for a solution that works for you.

Expand system utilization well beyond fluoroscopy by adding complete digital X-Ray functionality with the Wireless Digital Radiography package featuring a Canon CXDI wireless detector, overhead tube crane and wall stand.

## Boost Your ROI

- See how the compact system footprint of the Kalare could offer you the opportunity to use existing rooms with minimal renovation needed.
- The Kalare boasts features and technology well-suited for imaging a wide variety of patients, ranging from pediatric patients to bariatric imaging.



Canon Medical Systems has earned IMV awards for system performance and service within R/F



Perform cross table X-ray exams with ease



Seamless X-ray imaging at the wall stand



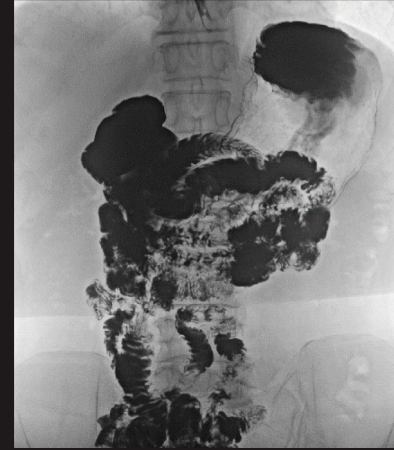
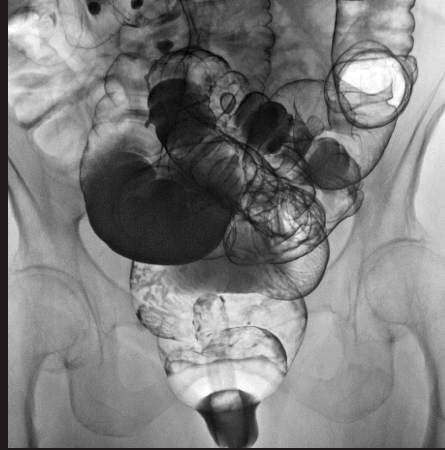
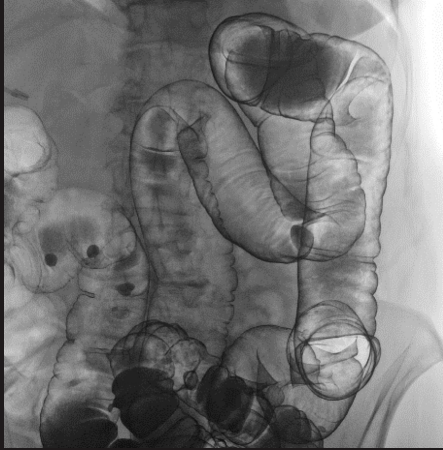
Table includes rotating detector tray for landscape and portrait orientation



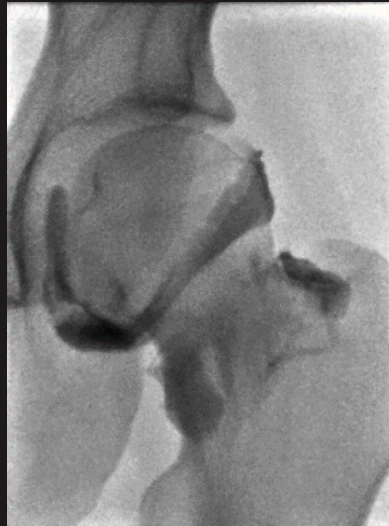
Kalare table shown with handgrips, shoulder rests, footrest, and compression band

# Remarkable Image Quality Across a Variety of R/F Exams

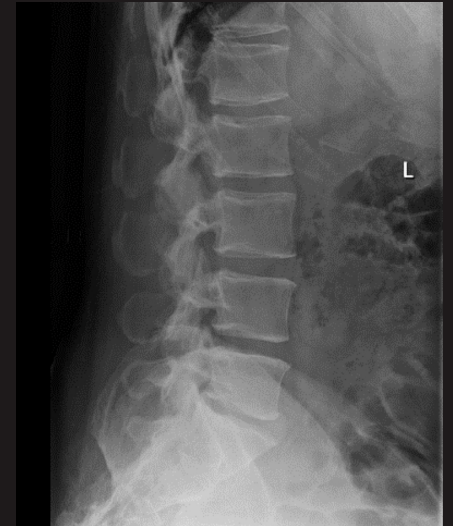
## GI Studies



## Arthrography



## Digital Radiography



# KALARE™

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## Canon

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