# KDR® with Dynamic Digital Radiography

**Dynamic Digital Radiography (DDR)** is an enhanced X-ray technology that provides a series of individual digital images acquired at high speed and low dose. The resulting cine loop enables clinicians to observe the dynamic motion of anatomical structures over time, enhancing diagnostic capabilities. The motion series can be analyzed and quantified with the DDR advanced image processing capability. **DDR is not fluoroscopy; DDR is X-ray that moves!**
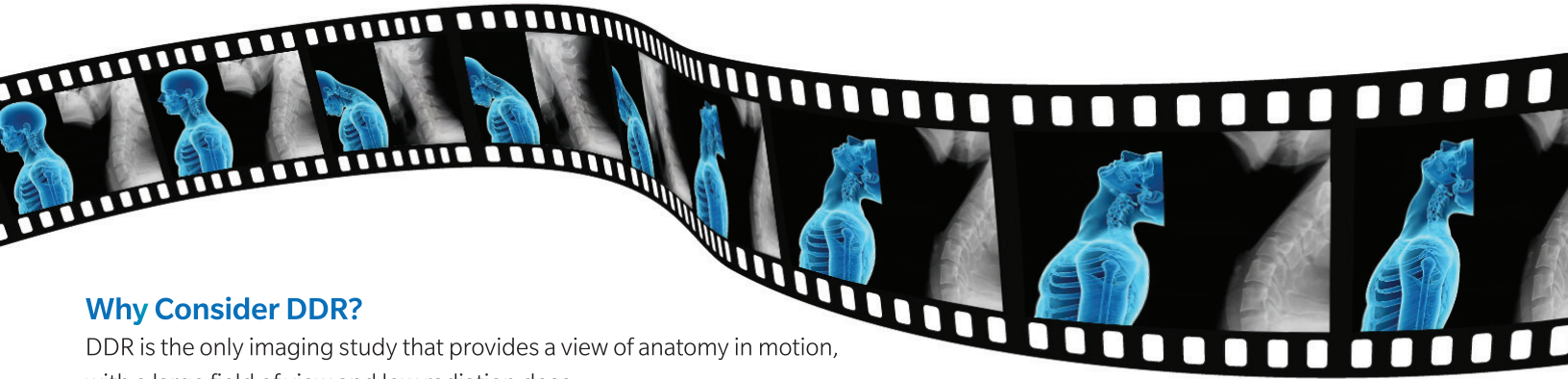


## Why Consider DDR?

DDR is the only imaging study that provides a view of anatomy in motion, with a large field of view and low radiation dose.

- Most advanced medical imaging technologies like CT and MRI provide superb spatial resolution but not movement
- Ultrasound has a limited range and fluoroscopy cannot be reprocessed to highlight soft tissue
- Images can be acquired with the patient in a natural upright position which is not possible with CT or MR

## A Time-Saving System that Revolves Around the Patient

The compact, efficient KDR Advanced U-Arm System with DDR features an array of advanced design innovations to optimize workflow, increase staff efficiency and improve outcomes, expediting the diagnostic process and elevating the patient experience. That makes it an excellent option for all clinical settings.

## KDR with DDR for Orthopedic Applications

Orthopedic clinicians have shown significant interest in DDR as a tool for visualization of movement and diagnosis of abnormalities. Furthermore, showing patients joint movement makes communication simpler and more effective.

- Biomechanics
- Musculoskeletal injury, such as whiplash
- Treatment follow-up
- Postoperative evaluation of movement (knee, wrist, spinal fusion etc.)

## Together, the KDR System with Dynamic Digital Radiography will boost your practice's clinical capabilities to the next level

**The KDR with DDR** system uses exam information to automatically move itself into the predetermined anatomy-specific position and source-to image-receptor distance (SID). This saves patient positioning time. The advanced detector and Ultra acquisition software work in unison to acquire and enhance static and dynamic images individually or as part of a study.

**xraythatmoves.com**

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