

# Pediatric Fluoroscopy with Digital Radiography Expedites Clinical Outcomes

AXIOM Luminos TF, the proven system for fluoroscopy, has many features to ease workflow and facilitate system handling. Together with the mobile digital flat detector it becomes even more versatile, producing excellent results in pediatric care.

## Tailored for optimal patient care

The open design of AXIOM Luminos TF facilitates easy and comfortable access to the patient. The large distance between the tabletop and digital imaging tower as well as a wide tabletop make user perform patient repositioning more conveniently.

All operator controls are within easy reach during the procedure, allowing the operator to select organ programs and control radiographic parameters directly in the examination room.

## Fast diagnosis by the patient's side

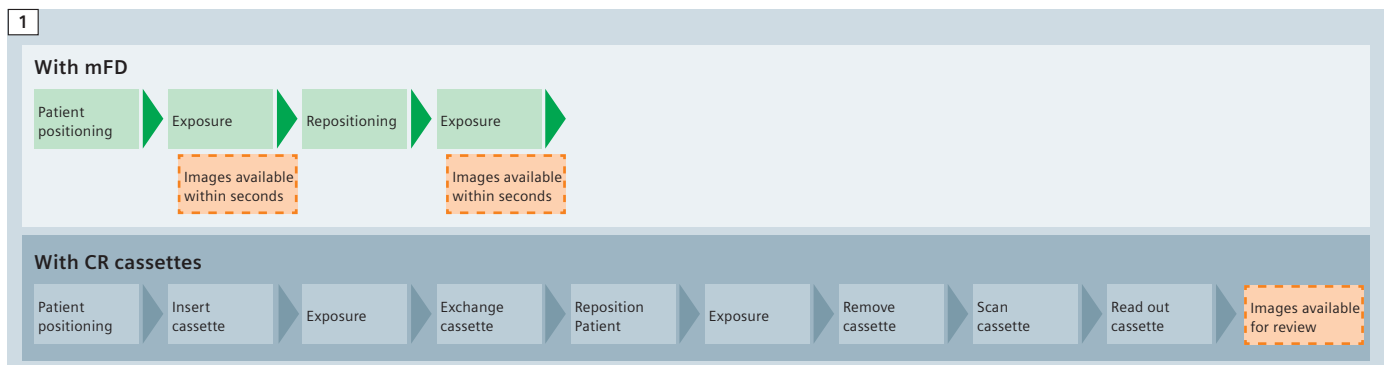
Digital radiographic exposures in addition to fluoroscopy can be acquired directly in the fluoroscopic suite with the integrated mobile Flat Detector (mFD). The light-weight, mobile and easy-to-handle mFD is quickly positioned in the Bucky tray or used for free exposures. The acquired images are available in seconds and eliminate time-consuming examination steps such as cassette handling, allowing the operator to remain in the examination room. Diagnosis from the entire procedure can be accomplished faster. All acquired images, whether fluoroscopy scenes or radiographic images are located in the

same patient folder and displayed in the order of acquisition.

## Brilliant image quality and lowest dose levels

With convenient and efficient system handling and the outstanding image quality at low dose levels, pediatric examinations can be performed with radiation exposure levels that are as low as reasonably achievable while maintaining diagnostic image quality. Equipped with the comprehensive radiation reduction program CARE, AXIOM Luminos TF with mFD can reduce the skin entrance dose by a factor of eleven in pediatric fluoroscopy\*.

*\*Data on file. Results may vary.*



**1** Compared to CR cassettes, working with the mFD is faster and requires fewer steps. Furthermore there is no need to leave the examination room for cassette processing, thereby increasing quality of patient care.

“Overhead radiographs acquired with the mobile flat detector are not only of outstanding image quality but also significantly enhance the procedure workflow. Our technologists were able to remain with the patient during the entire examination, greatly improving patient care.”

John P Harris, MD, North Colorado Medical Center, Greeley, CO, USA

**2** Fully digital imaging with the mobile Flat Detector enhances flexibility and efficiency.



**3** Convenient and efficient system handling for a smooth procedure.

