

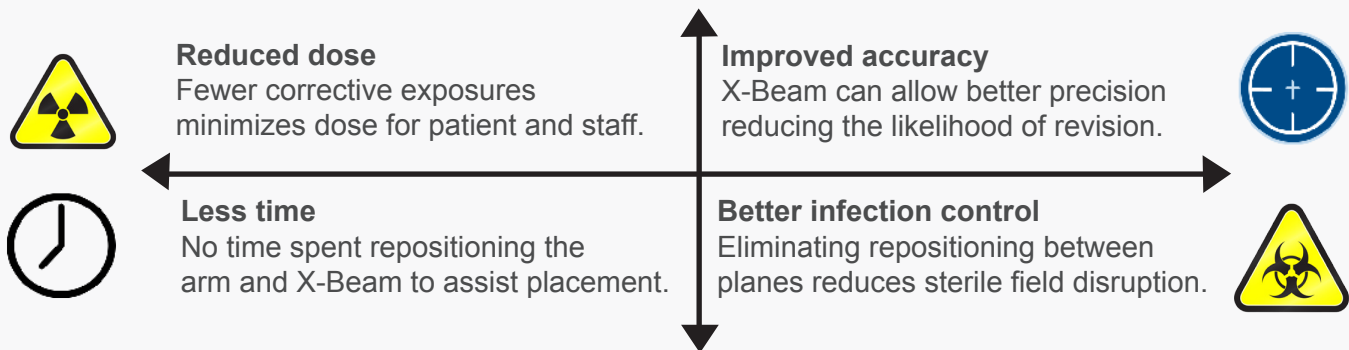
G-Arm
model GXi-2



Reduced dose
Improved accuracy
Less time
Better Infection control



G-Arm benefits



the GXi Advantage™

Unique attributes to enhance the OR experience and improve efficiency.

G-Arm® is a multi-plane remote electrically operated platform. This will change the way you perform spine, ortho, neuro and pain management procedures.

X-Beam® is a unique patented technology that allows both image planes to be viewed live and simultaneously at high frame rates, which has never been achieved before with mobile fluoroscopy.

iC-Clear™ imaging suite provides seven powerful real time image processing functions for optimised image clarity with lower dose within less time.



PCAEC - PC based Automatic Exposure Control automatically selects an optimum imaging technique thereby minimising dose to surgeon and patient.

Artifact Free Frame Averaging - AFFA reduces noise without motion blur inherent in the simple frame averaging used by other systems. The final image has a higher signal to noise (S/N) ratio, enabling the surgeon to use less dose and lower power.

Adaptive Nonlinear Edge Enhancement - ANEE uses a unique two stage process to enhance only edges and leave uniform regions with their original data quality. The result is better defined edges without loss of detail.

Multi-Point Image Optimization – Each image is divided into 9 sub-images which are each optimized before being incorporated back into a single image. MPIO applies different filters to post-process the images without changing X-ray dose.

AutoMap – The gray scale window size and position is automatically adjusted to optimize overall image brightness and contrast based on histogram analysis. AutoMap preserves the essential data richness of the original image and so avoids increased noise and graininess caused by image degradation.

AutoROI – Provides the operator with point and shoot capability by detecting the subject region of interest within the imaging field and optimising the imaging technique to suit the anatomy.

AutoDRM – Effortlessly manages the dynamic range by automatically detecting the subject key features and reducing background contrast, allowing more contrast for the subject anatomy features.



Contact us to find out more

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