

# NEONATAL IMAGING

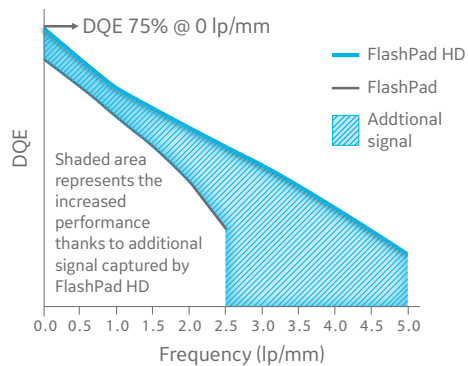
## AMX™ NAVIGATE



**MOBILE X-RAY FOR YOUR PEDIATRIC IMAGING NEEDS**  
EXTRAORDINARY RESOLUTION, FINE DETAILS AT LOW DOSE

### Exceptional Dose Efficiency for Your Tiniest Patients

Detector with high resolution (100  $\mu$ m) & DQE (75%/0 lpm)



### 10" x 12" Detector Fits Most Incubators

Small 10" x 12" detector that fits most incubators, including GE Healthcare Giraffe™ incubators. Lightweight at 4 lbs (1.8 kg) and easy to carry.

FlashPad HD detectors available in 10" x 12" and 14" x 17" configurations

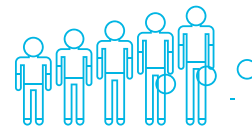


### More Pediatric Protocols

AMX Navigate offers many pediatric protocols according to the size of the patient. When a patient is selected from the worklist, the system automatically recognizes the type of exam and displays the appropriate protocol.

Based on the protocol selected, the kVp and mAs is automatically adjusted. Use the appropriate pediatric protocols to avoid over exposure.

- Pediatric Extra Small
- Pediatric Small
- Pediatric Medium
- Pediatric Large
- Pediatric Extra Large

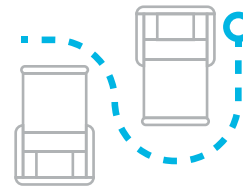


Pediatric protocols can be adjusted to five different patient sizes

### Small Footprint and Low Noise

Designed with hospital rounds in mind, AMX Navigate is easy to maneuver. Its small footprint allows you to fit in the tightest spaces. And automatic charging algorithms allow it to recharge at any charge level and at any time, even during exposures.

This ensures the long battery life you need to make it through your entire round without interruptions. Quiet 50 to 60 dBA operation makes AMX Navigate low noise and helps minimize disruptions for patients in the NICU.



Maneuverable positioning

### Helix™ Advanced Image Processing

Harness the full high-resolution power of FlashPad™ HD detectors to deliver exceptional image quality despite challenging exams conditions.

- Extraordinary anatomical detail at low dose in every X-ray image
- Up to 40% increase of detectability<sup>1</sup> harnessing the ultra-high resolution and dose efficiency of FlashPad HD
- Anatomy specific image enhancement for exquisite bone detail and clear delineation of soft tissue with 5 lp/mm spatial resolution and 16-bit (65,536 grey levels) contrast resolution on acquired and transferred images



### QuickEnhance™

Assess line placement with confidence and speed. Helix™ and QuickEnhance help line placement without additional dose to the patient.



Without QuickEnhance

With QuickEnhance



MOBILITY & EXAM PREP	IMAGE ACQUISITION	IMAGE PROCESSING	IMAGE REVIEW	EXAM CLOSE
<p><b>Minimal Noise</b></p> <p><b>Small and Quiet Tubehead</b></p> <p><b>Easy Drivability</b></p> <p><b>Smaller Footprint</b></p> <p><b>QuickCharge:</b> "On the go" FlashPad HD charging</p> <p><b>Free Motion Telescoping Column:</b> Reduce lift force of te column and tubehead by up to 70%</p>	<p><b>2 FlashPad HD Detectors</b> Large (14" x 17") Small (10" x 12")</p> <p><b>10" x 12" Pediatric Detector for Incubator</b></p> <p><b>More Pediatric Protocols:</b> For various patient sizes</p> <p><b>QuickConnect:</b> Adaptive Wireless Connectivity (802.11)</p> <p><b>QuickShare:</b> In-bin registration and easy sharing</p>	<p><b>Helix™ 2.1 Advanced Image Processing</b> Automatic AI Brightness and Contrast can reduce Tech image processing time by up to 87%</p> <p><b>QuickEnhance:</b> 1-touch image processing</p>	<p><b>21.5" Monitor</b> Large capacitive touchscreen with glare reduction</p> <p><b>Radiation Dose Structured Reporting (RDSR)</b></p> <p><b>Repeat-Reject Analysis</b></p> <p><b>X-ray Quality App (XQA)</b></p>	<p><b>PACS Export</b></p> <p><b>Dose Reporting:</b> DICOM® Export</p> <p><b>QuickClean:</b> Touchscreen lockout application for easy cleaning</p> <p><b>HIS/RIS Link:</b> Provides an interface which allows access to a facility's HIS/RIS software or application.</p>
<p align="center"><b>Zero Click Exam<sup>2</sup>:</b> Eliminates up to 100% of user clicks simplifying workflow. Incorporates RFID badge reader login, barcode patient verification, Auto Protocol Assist, Helix 2.1 AIBC, and QCS to automate the image acquisition workflow and eliminate any required touchscreen interaction prior to annotation.</p>				

1. Source: GE whitepaper: High resolution for improved visualization Optima XR240amx 510K Product description).

2 Data on file - Workflow efficiency study

3 Data on file - Comparison to non-motoried system designs

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