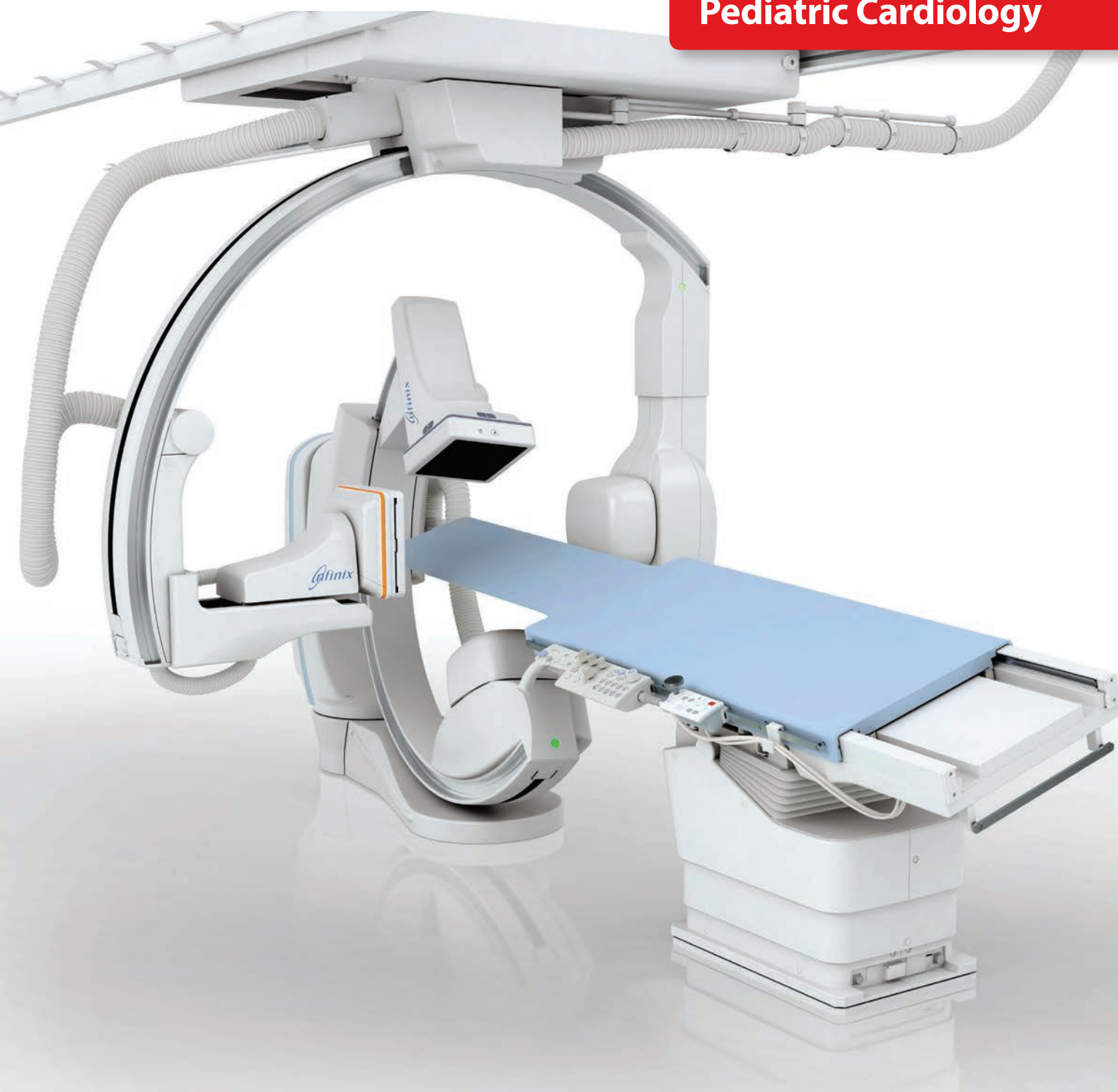# Canon

Infinix-i Biplane ™
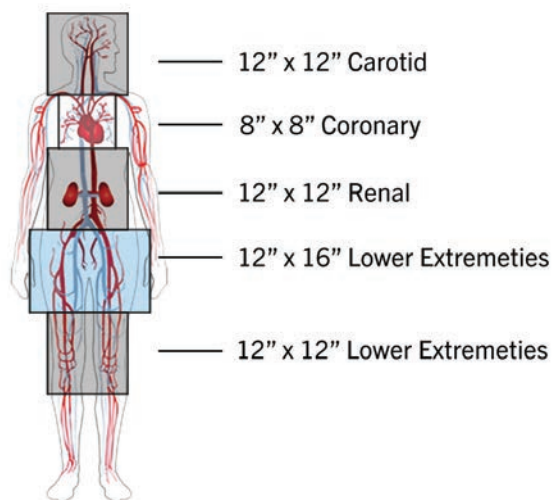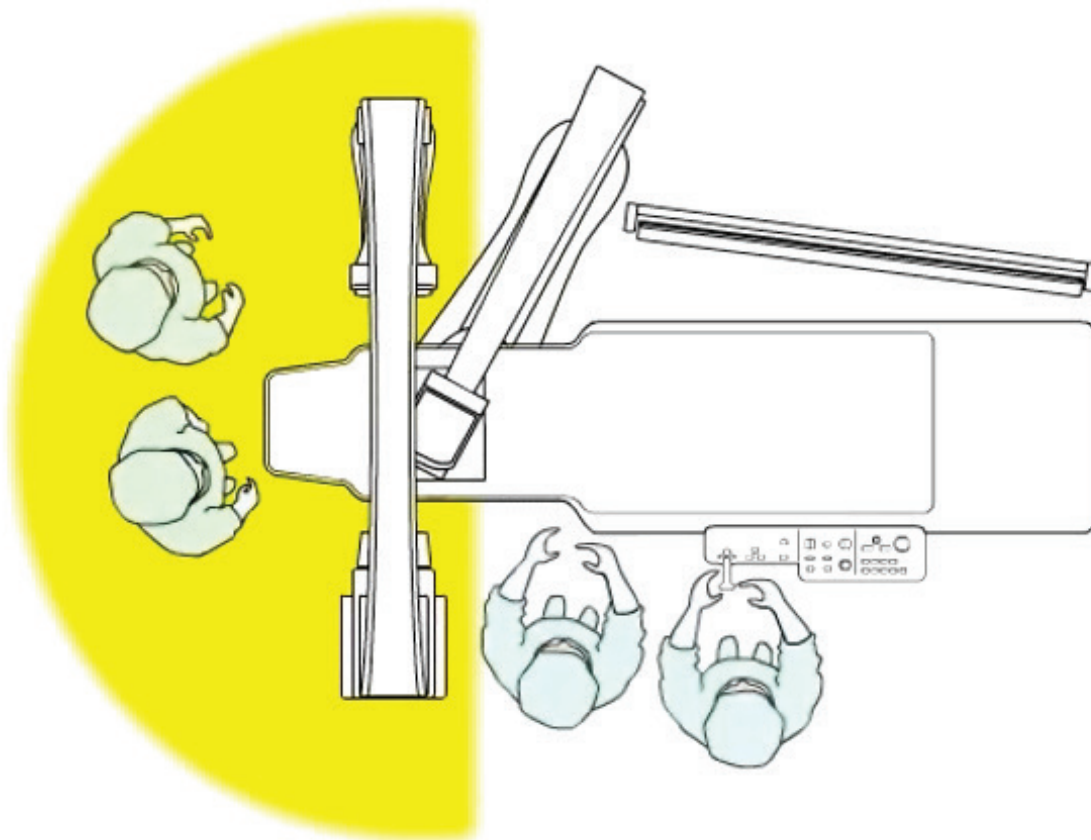
Pediatric Cardiology

FLEXIBLE DESIGN

Canon Medical Systems' biplane C-arms and simplified movement deliver fingertip-to-fingertip and head-to-toe coverage without moving the patient. With an array of positioning options and lateral C-arm variable iso-center, **WorkRite** features offer the ease and efficiency to help clinicians meet the unique imaging needs of children and all the way through adult-hood.

Access Halo. Ensure unobstructed head-end workspace to improve patient access for staff and ancillary equipment.

Flat Panel Detector (FPD). Choose either 8" x 8" or 12" x 12" detectors on either C-arm for high-quality imaging.

- 12" x 12" Carotid
- 8" x 8" Coronary
- 12" x 12" Renal
- 12" x 16" Lower Extremeties
- 12" x 12" Lower Extremeties

Create more ease and comfort for kids.
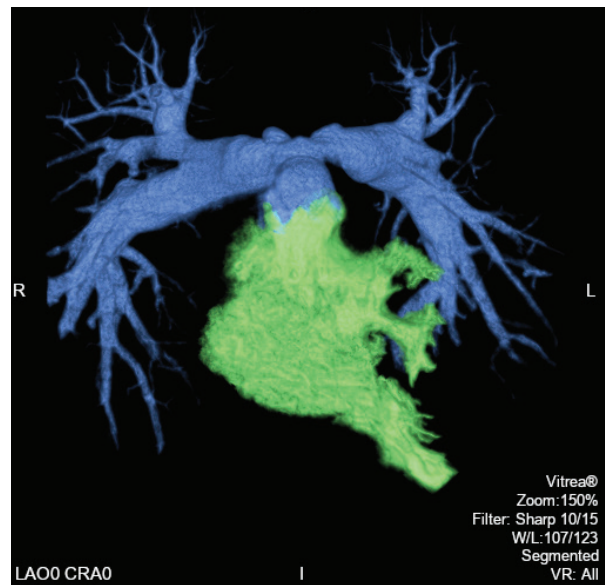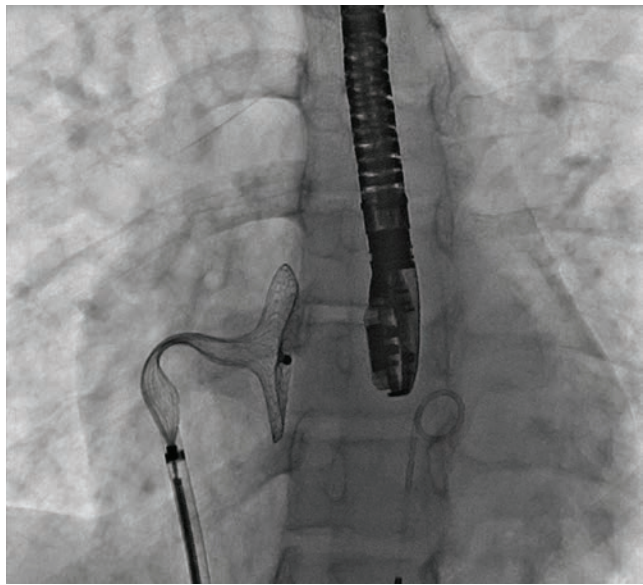
HIGH IMAGE QUALITY

High-quality images are essential for clinicians imaging patients with congenital disorders to help them avoid unnecessary repeat procedures. Our **ImagingRite** tools focus on enabling clinicians to minimize patient X-ray exposure while maintaining image quality.

2D Roadmap. Create a roadmap from an injection or previous acquisition to assist with guidance of catheters and devices during fluoroscopy.

3D Rotation. Generate a 3D reconstruction with rotational DA imaging to show vascular structure.

3D Roadmap. Enable a reconstructed 3D image to be superimposed on the fluoroscopic image, allowing guidewire manipulation or catheterization to be performed while observing the course of the vessels.

3D Multi-Modality Fusion. Overlay a previously acquired 3D data set with a live, current image to use with a live blur-over.

" I want to take extra care "
with pediatric patients, while still getting high-quality images.

Optimum image quality at reduced dose.

INDUSTRY-LEADING DOSE MANAGEMENT

Protecting children is our top priority. Using an extensive array of **DoseRite™** features, Infinix-i systems help clinicians lower dose. Dedicated to the principles of ALARA (As Low As Reasonably Achievable), Infinix-i's sophisticated software enables clinicians to customize exams to each child's diagnostic needs and size.
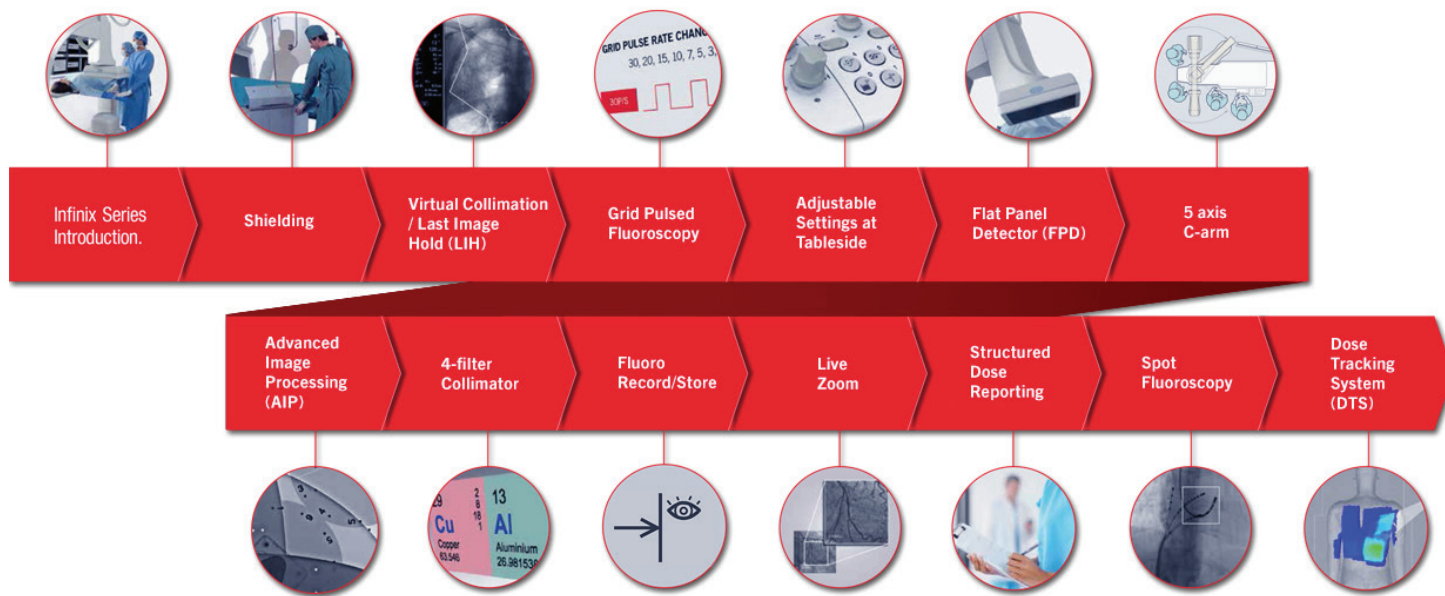
Spot Fluoroscopy
See a more complete picture, see live fluoroscopy inside the target ROI while viewing the surrounding area over Last Image Hold (LIH), without the need to expose the entire field of view.

Dose Tracking System (DTS)
Estimate dose delivered to the skin in real time and display it on a color-coded map during procedures to continuously monitor exposure and make adjustments.

Weight specific protocols and settings
Customize protocols based on patient weight instead of age. Enable Clinicians in obtaining the images they need at the dose they want, reducing dose while prioritizing safety .

Infinix Series Introduction. | Shielding | Virtual Collimation / Last Image Hold (LIH) | Grid Pulsed Fluoroscopy | Adjustable Settings at Tableside | Flat Panel Detector (FPD) | 5 axis C-arm

Advanced Image Processing (AIP) | 4-filter Collimator | Fluoro Record/Store | Live Zoom | Structured Dose Reporting | Spot Fluoroscopy | Dose Tracking System (DTS)

Unprecedented Flexibility and Integration.

Many children with chronic conditions need repeated procedures over time, which often means repeated radiation exposure. Infinix™-i Biplane systems directly meet this challenge with industry-leading dose management protocols, customizable settings based on weight, and imaging tools that enable clinicians to deliver high-quality images on the first attempt. Together, these features enable clinicians to perform diagnostic imaging at lowered doses to give young patients the care and safety they deserve.

Canon

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