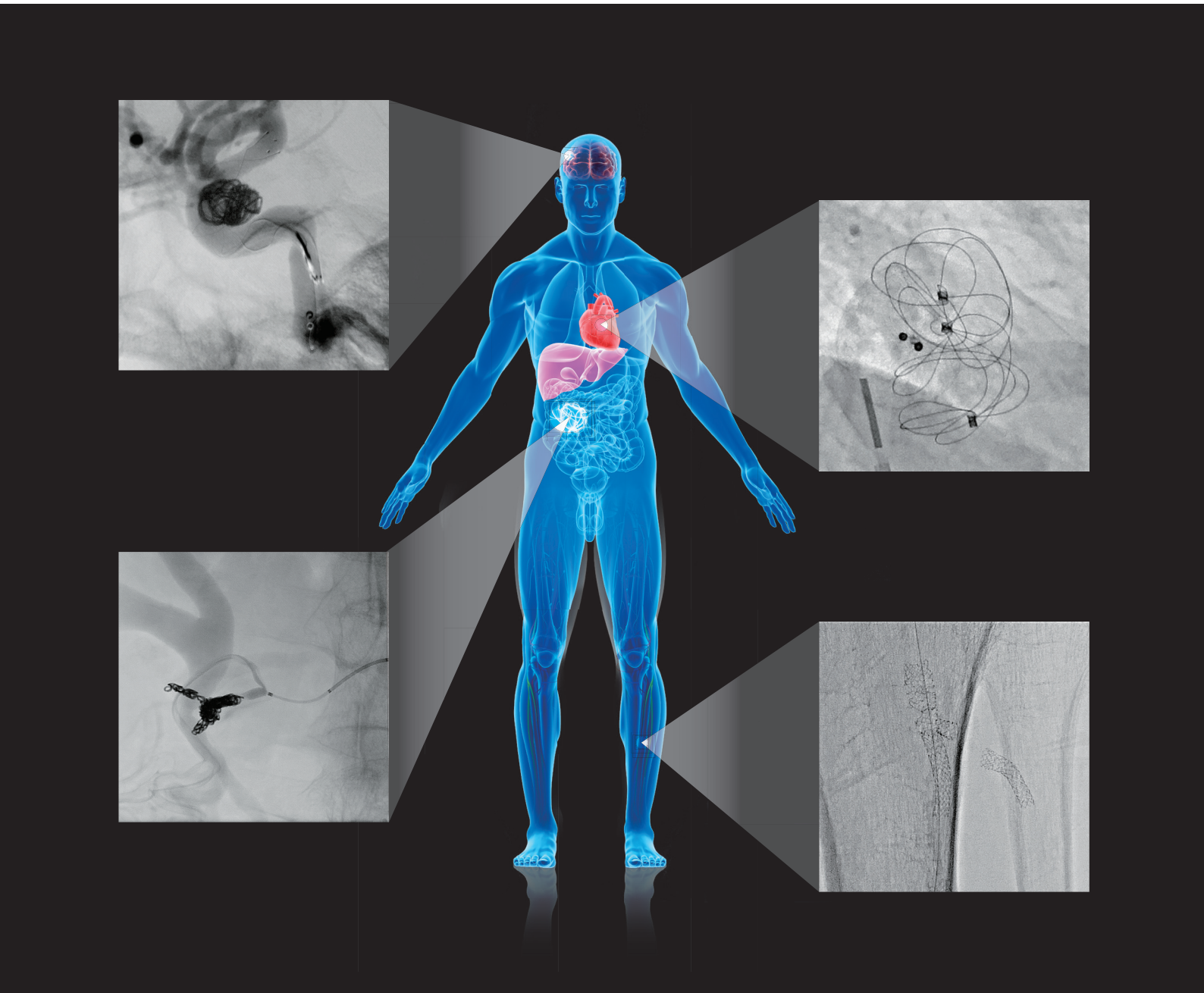
Canon

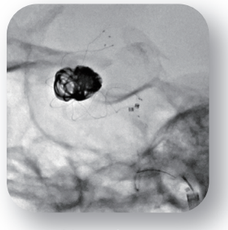
Alphenix

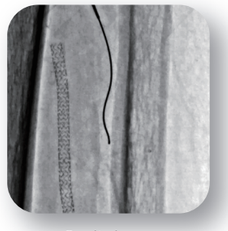
See more, Do more with Less
Using High-Definition (Hi-Def) Technology

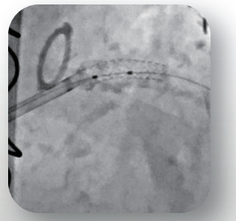
First True Hi-Def for all X-ray guided therapies

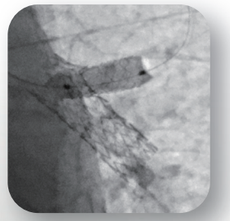


Visualization Like Never Before with the World's First High Definition Mode for universal / multi-use / interdepartmental


Neurology

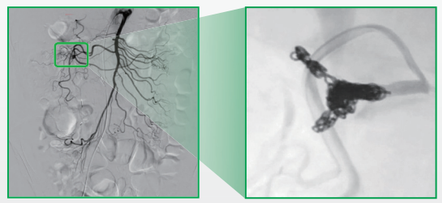

Radiology


Cardiology


Pediatric Cardiology

ImagingRite

The Alphenix interventional systems feature the all-new and exclusive high definition (Hi-Def) imaging detector with the highest spatial resolution available, helping clinicians see fine details with increased confidence.


12" × 12" FOV

1.5" × 1.5" FOV

WorkRite

Hi-Def is available on our Sky+, 4D CT, Biplane, and Core+ systems, for multiple clinical departments sharing one economical and efficient universal system.

DoseRite

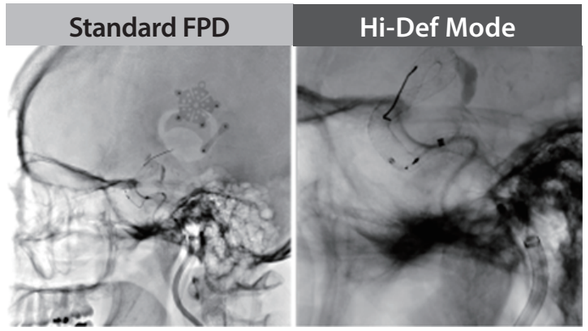
Improved spatial resolution increases visualization, which can improve imaging efficiencies and may reduce overall patient dose by up to 9%.*

InvestRite

With the ability to use high-definition imaging without compromise in a variety of clinical departments, Alphenix is the best system from the perspective of return on investment.

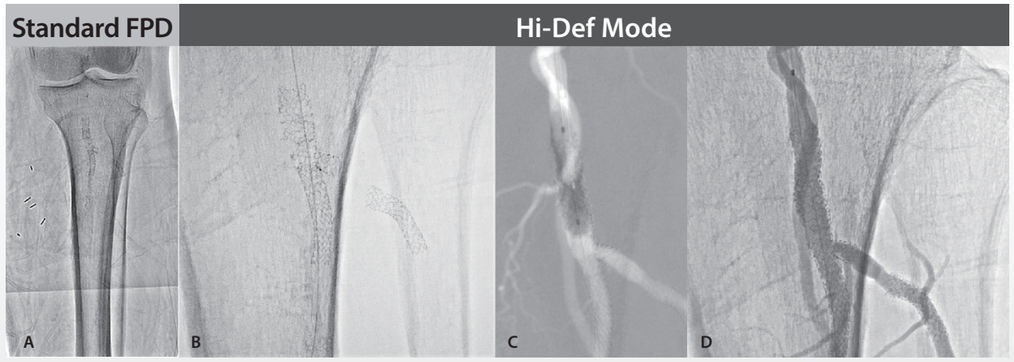
*Reference RSNA 2020 abstract

Initial Hi-Def feedback from wide range of clinical usage



"During the critical parts of the case when you deploy a complex intravascular device – for example, a coil, a stent, a flow diverter, an intrasaccular flow disruptor, anything where you really need to appreciate how the device is behaving in a small space and it is of critical implication – there's nothing that comes close to the ability to visualize these implements than Hi-Def technology."

Adnan SIDDIQUI, M.D., Ph.D. FACS FAHA FAANS
Vice Chairman and Professor
University at Buffalo



The 3" x 3" Hi-Def mode (B) showing complete fracture and avulsion of one of the previously placed stents which was not visible under the 12" x 12" FOV FPD mode (A). The Hi-Def mode was subsequently used to accurately size and precisely deploy a stent across the stenosis within the popliteal artery (C, D).

"The Hi-Def mode also revealed features of the previously placed stents that were not seen by FPD, for example, complete fracture and avulsion of one of the stents."

Salman A. Arain, M.D., FACC, FSCAI
The University of Texas Health Science Center at Houston

The clinical results, performance and views described in the testimonials are the experience of the clinician. Results may vary due to clinical setting, patient presentation and other factors. Many factors could cause the actual results and performance of Canon's product to be materially different from and of the aforementioned.

Hi-Def Configuration

Floor-mounted system

N C V

Core+
12 × 12

Biplane
12 × 12 + 12 × 12

N C R V

Core+
12 × 16

Biplane
12 × 16 + 12 × 12

Ceiling-mounted system

R C

Sky+
12 × 16

4D CT
12 × 16

N Neurology
C Cardiology
R Radiology
V Vascular

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Made For life