Innovations at the Forefront: A Glance at the Future of Image-Guided Therapy

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Disclosure
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Which lesion should I treat?
Is there adequate flow?
Is the tissue viable?
Have I done enough?
X-ray has its limitations
X-ray alternatives have high barriers to adoption

- Improve clinical outcomes
- Expand & democratize treatment
- Maximize patient numbers
- Minimize costs
Philips has set a standard for safety, breadth of use, efficiency.

**AlluraXper**
- DAP: 3338 mGy·cm²/frame
- AK: 8.5 mGy / frame

**AlluraClarity**
- DAP: 464 mGy·cm²/frame
- AK: 1.2 mGy / frame

Up to 83% reduction in X-ray dose.
Up to 30% of time saved.
At least one more patient treated per day.

Images courtesy Karolinska University Hospital, Stockholm, Sweden.
Two separate injections: iodine not fully comparable. 2fps DSA.
Open your eyes to the possibilities
Fiber Optic RealShape – FORS lets you guide devices in 3D. No fluoro.

Standard X-ray imaging

Real time 3D visualization of guidewire and catheter
Fiber Optic RealShape – FORS can be registered to 2D or 3D images
Fiber Optic RealShape – FORS uses light to visualize the entire device.
Complement your sight with sound to decide, treat and confirm
Quantify decision-making with dimensional and functional data
Qualify endpoints with satisfaction when normal perfusion has been restored.
Acquire ultrasound data dependent on the patient, not the practitioner

Perform an exam while the patient is in motion with wearable US

Capture large fields of view using multiple sensors

Automatically extract 3D vascular structures of interest for accurate sizing and pathology
Access and handle data from every source, by augmenting reality
Integrate technologies ergonomically to assist optimal decision making
Philips’ dedication to interventional excellence spans the spectrum from the greatest... to the finest of details.
X-ray alternatives have high barriers to adoption standards

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PHILIPS
See clearly, treat optimally.
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