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Computed Tomography

Poor target visualization can make interventional oncology procedures technically challenging.

Navigational tools and image fusion platforms have the potential to facilitate these complex interventions.[1]

Optimized Interventional Capabilities for Interventional Oncology

"The development of **true 3D fluoroscopy** on the Aquilion ONE has brought **real clinical benefits** for tackling even the **most challenging biopsy procedures."**[2]

— Elmar Kotter, Prof. Dr.,
Department of Diagnostic Radiology,
University Hospital Freiburg, Germany

Improving safety and accuracy for CT interventional procedures

Real-Time Display for CT Fluoroscopy[3]

Real-time display to monitor needle placement as it happens. It can increase:

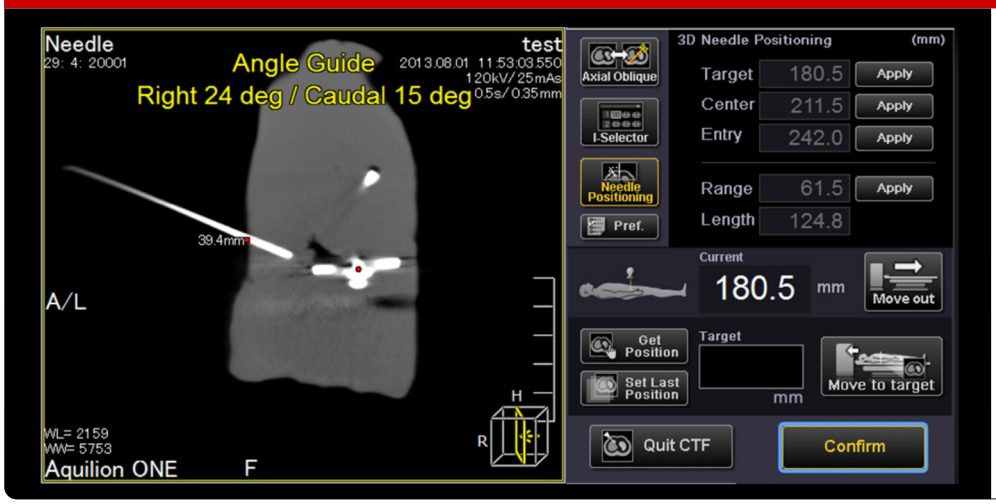
- Accuracy by enabling more precise positioning
- Control with real-time multi slice CT

Gantry Tilt

Allows ±30 degrees gantry tilt to align gantry with anatomy

- For all scan modes
- Without compromise in image quality

3D Needle Positioning[3]



- A target viewport will display an oblique image in the plane of the skin entry and target point
- Provides an angle guide for needle navigation

[1] M.A. Chehab et al. Navigational Tools for Interventional Radiology and Interventional Oncology Applications. Seminars in Interventional Radiology 2015, 32(4):416-427 (https://dx.doi.org/10.1055/s-00335-1564705.
[2] The clinical results, performance and views described are the experience of the clinicians. Results may vary due to clinical setting, patient presentation and other factors
[3] Optional

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