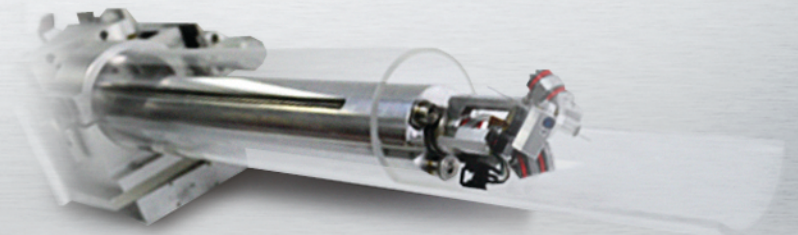




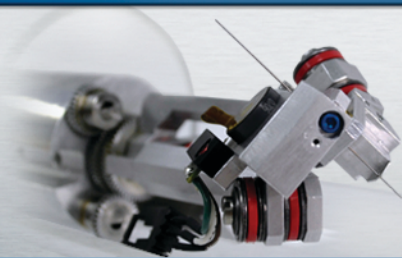
1.519.914.5445
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Robotic Procedures Guided by Fluoroscopy or Planned from CT Reconstructions

- Biopsy
- Brachytherapy
- Cardiac Perfusion
- Implantation
- Cannulation
- Blood Sampling



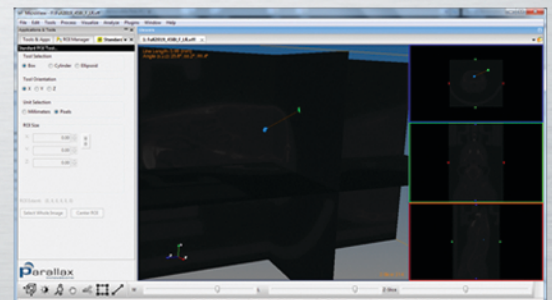
Fluoroscopy-Guided Interventions



- Full control of needle position
- Live view of needle under robotic control
- Highly accurate needle positioning
- Full control of animal position
- Complete control of x-ray angle

Interventions Planned from Reconstructed Volumes

- Fast acquisition and reconstruction
- Plan trajectory of needle with full anatomical information
- Easy-to-use, interactive planner - point and click to define trajectory
- Highly accurate - no need to reposition the animal between acquisition and intervention





Performance Specifications

Range of Motion:

- 185° in the roll plane, perpendicular to the x-ray beam
- 57° in the pitch
- 7.3 mm range for the needle*
- X, Y, Z range is 10.6 mm, 12.1 mm and 25.0 mm, respectively**

* Accommodates a variety of tools

** Z is parallel to the long axis of the CT bore

Accuracy and Repeatability:

- Targeting accuracy is better than 200µm
- Repeatability is better than 50µm

