

Radiation Exposure: Table side vs. Workstation

- Radiation dose at workstation operator is **12x** less than value of the manual operator at the table.



Conclusions

- The preliminary experience with Robotic Navigation is encouraging
- Both right and left atrial navigation and ablation appeared feasible and safe
- This technology could help less experienced operators to perform complex atrial ablation procedures

Robotic Navigation: Advantages

- Reduced Procedure times
- Reduced Ablation time (contact/stability)
- Reduced Fluoroscopy exposure:
 - ◆ for Physician and Patient
- Reduce Burden of Lead

Robotic Navigation: Advantages

- Precise control of the catheter tip
 - ◆ Consistent Contact
 - ◆ Better stability
 - ◆ Fine movement
 - ◆ Better access to hard to reach areas
- Reduces demand for manual skills
- RF procedure available to larger number of EP's.

What is missing...

Tactile Feedback

