



Atrium Health.

Every Site, Every Patient

Normalizing SGRT

Outline

- My experience
- Common anatomy with SGRT
- Less common anatomy with SGRT
- How to transition to every site/patient



Poll: Who uses SGRT for the following?

SGRT Usage at 2026 Meeting



Poll: How useful is SGRT for these sites?



My experience

Moved from Center 1 (2013-2025) to Center 2 (2025-)

Center 1

- 2 Truebeams
 - AlignRT on both
- SGRT used for setup and monitoring
- SGRT sites:
 - BH and FB, prone breasts (RTC used)
 - SBRT (BH and FB)
 - SRS/HN/Brain
 - Thorax/Abdomen
 - Pelvis
 - Extremities incl OA
 - Electrons (limited)
 - Dx scans
 - Misc palliative

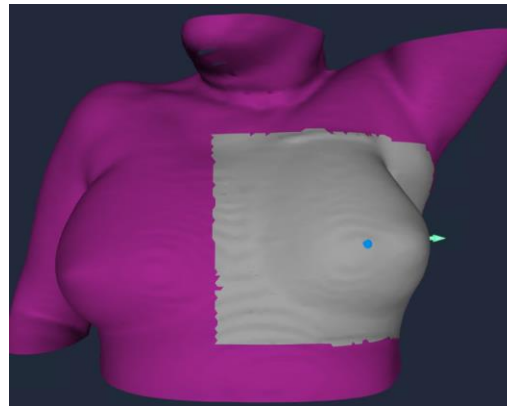
Center 2

- 3 Truebeams
 - AlignRT on 2, ExacTrac Dynamic on 1
- SGRT used primarily for monitoring
- SGRT sites:
 - BH breasts (no RTC)
 - SBRT (BH and FB)
 - SRS/HN/Brain
 - OA (only bilat)

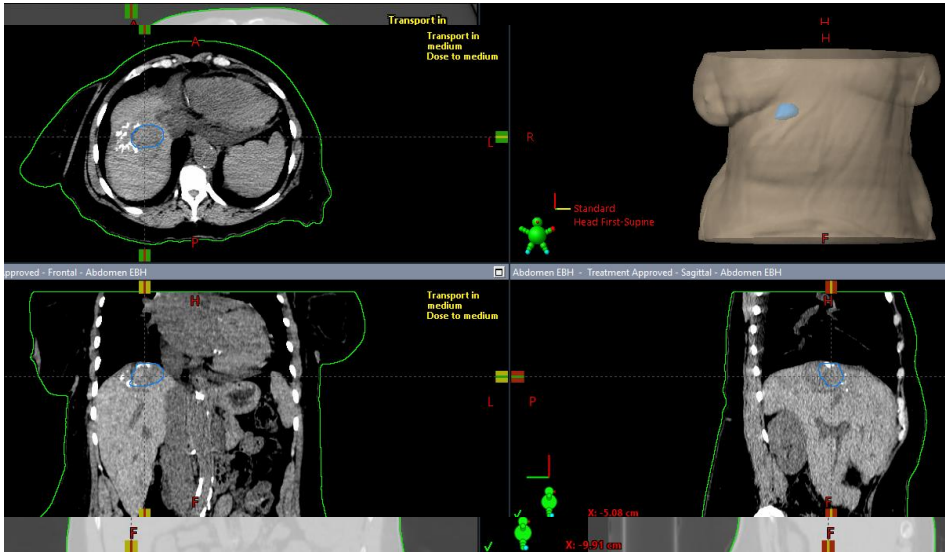
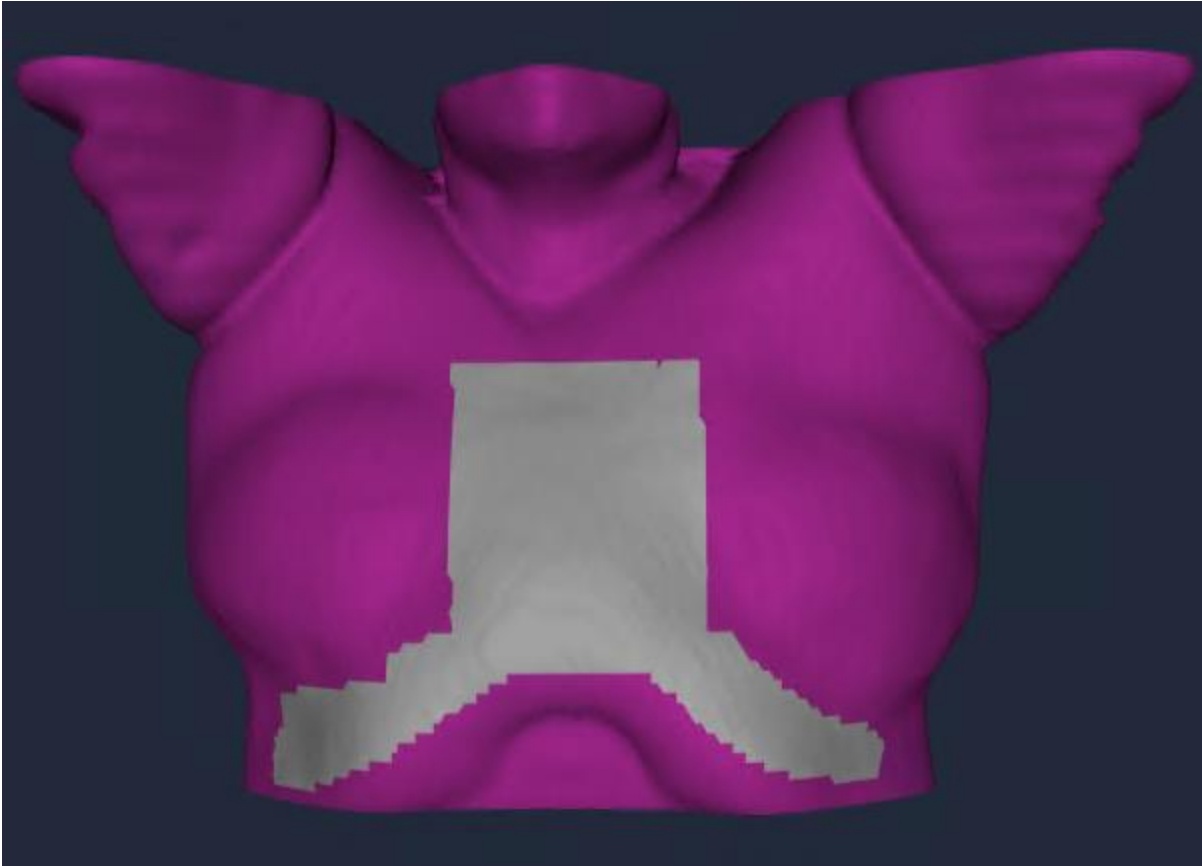
Common Anatomical Sites for SGRT

Breasts

- BH and FB supine
- Prone
- Coaching devices
- Bolus
- Arm position
- Deformation

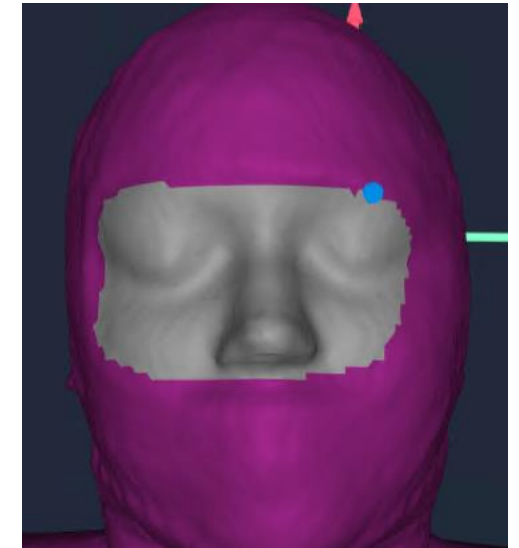
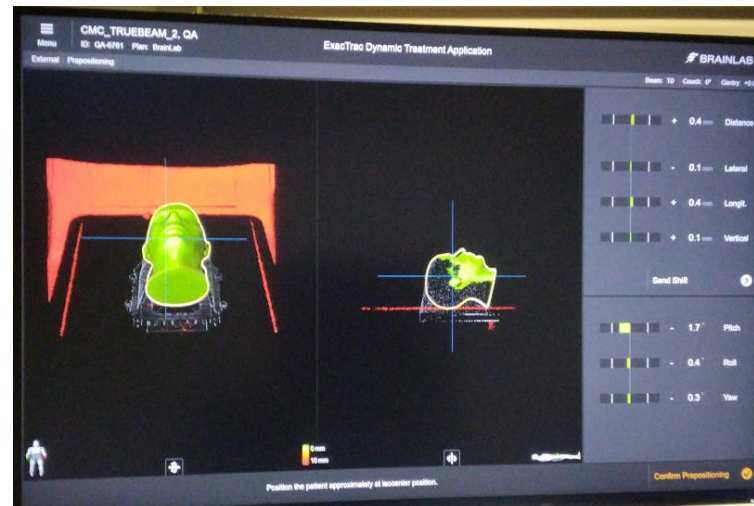
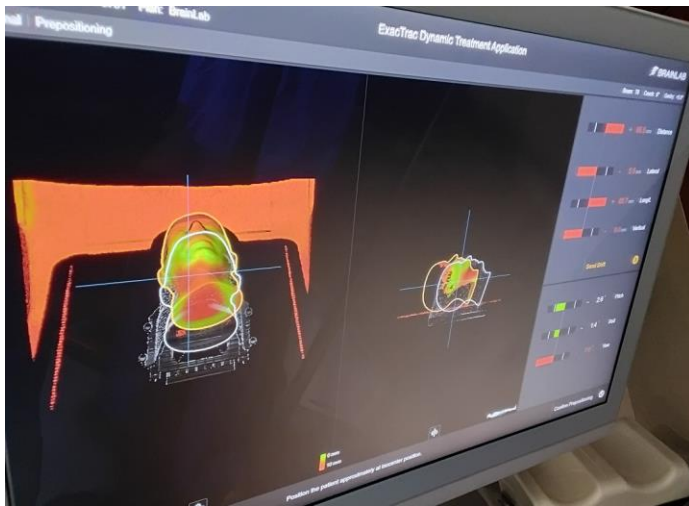


SBRT



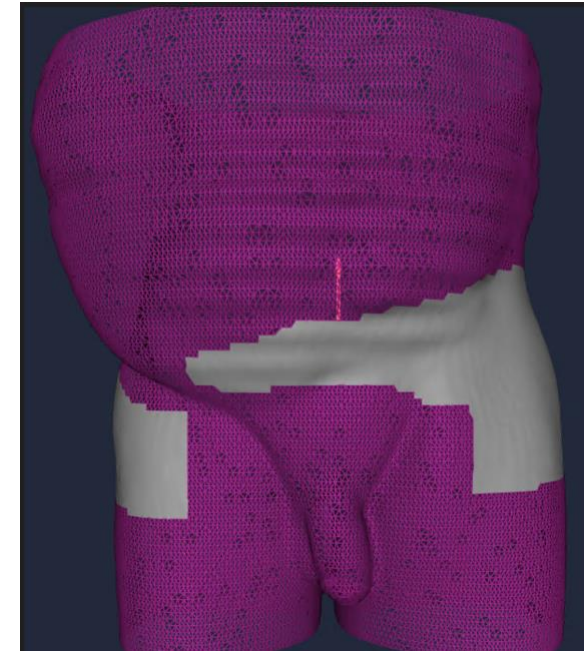
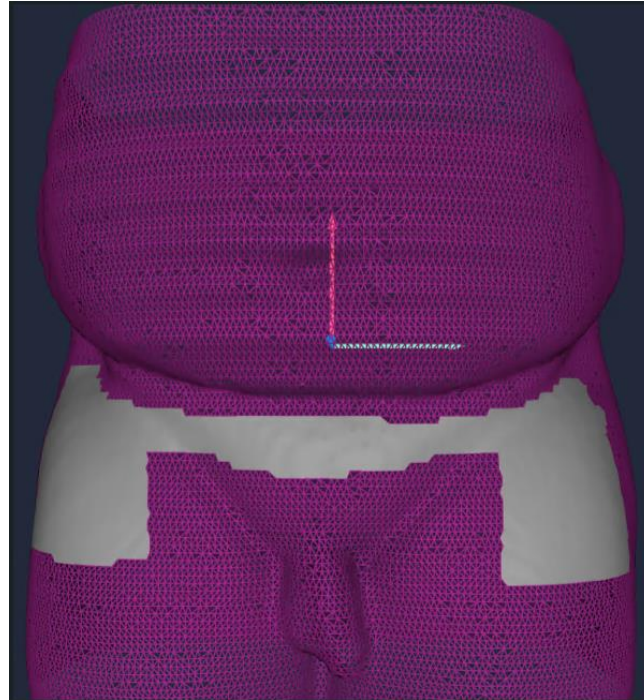
SRS/HN/Brain

- Whole brain or fractionated brain
- Other head holders (side or prone)
- Shoulders for HN
- Couch kicks for SRS



Thorax/Abdomen/Pelvis

- No one size fits all



Extremities

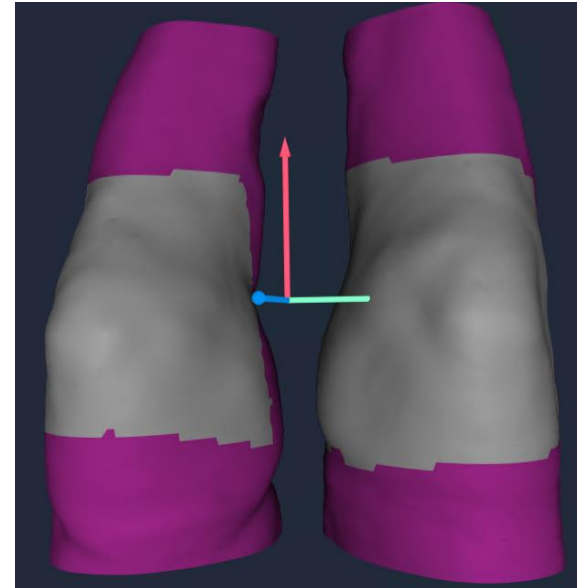
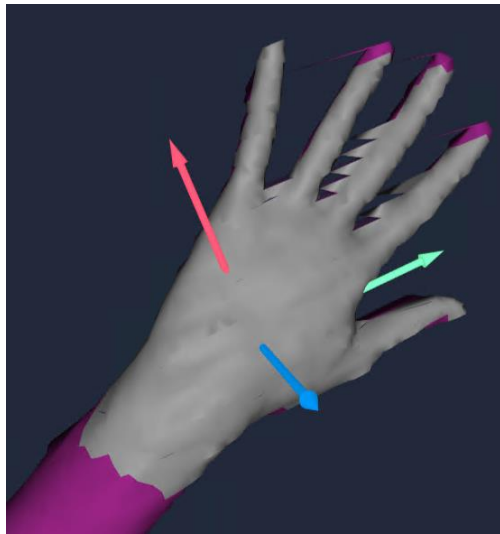
- VMAT
- Special positioning
 - Clinical electron Dupuytren
 - Soft tissue sarcoma



Less Common Anatomical Sites for SGRT

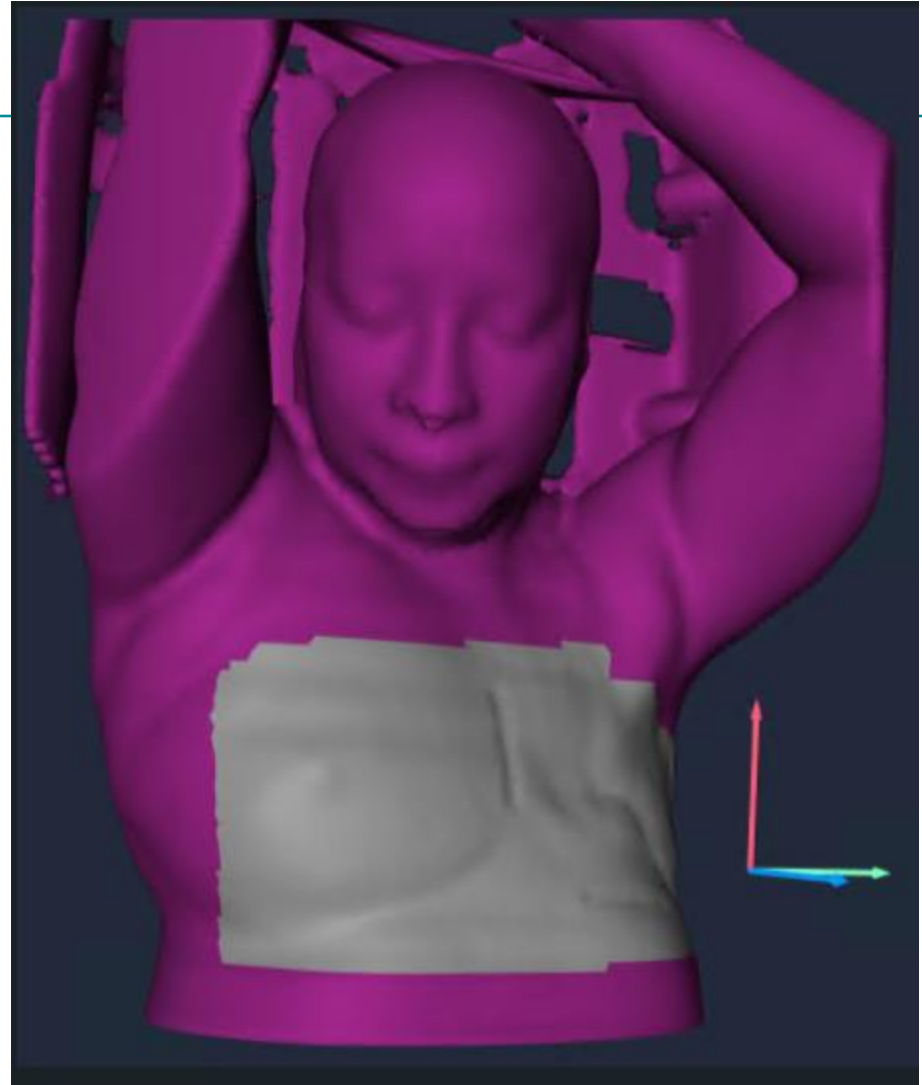
Osteoarthritis (OA)

- Low dose procedure
- Useful when no AP SSD (bilat)



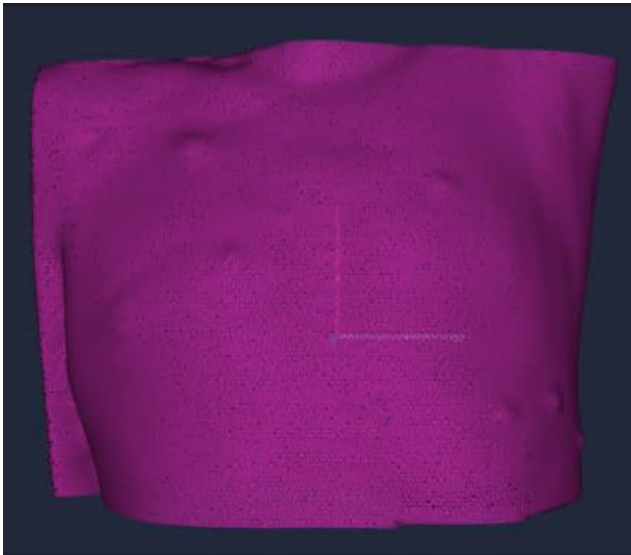
Electrons

- Limited success due to cone
- Clinical setups (keloid, boosts)
- Special positioning (decubitus)



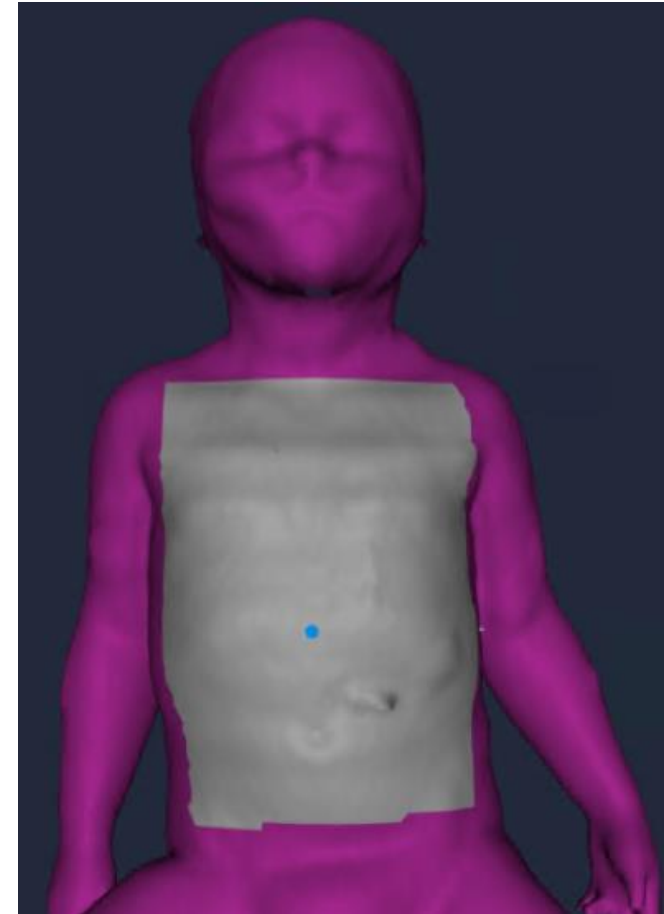
Diagnostic Scans

- Helps setup efficiency/safety
- Immobilization creation
- Less imaging



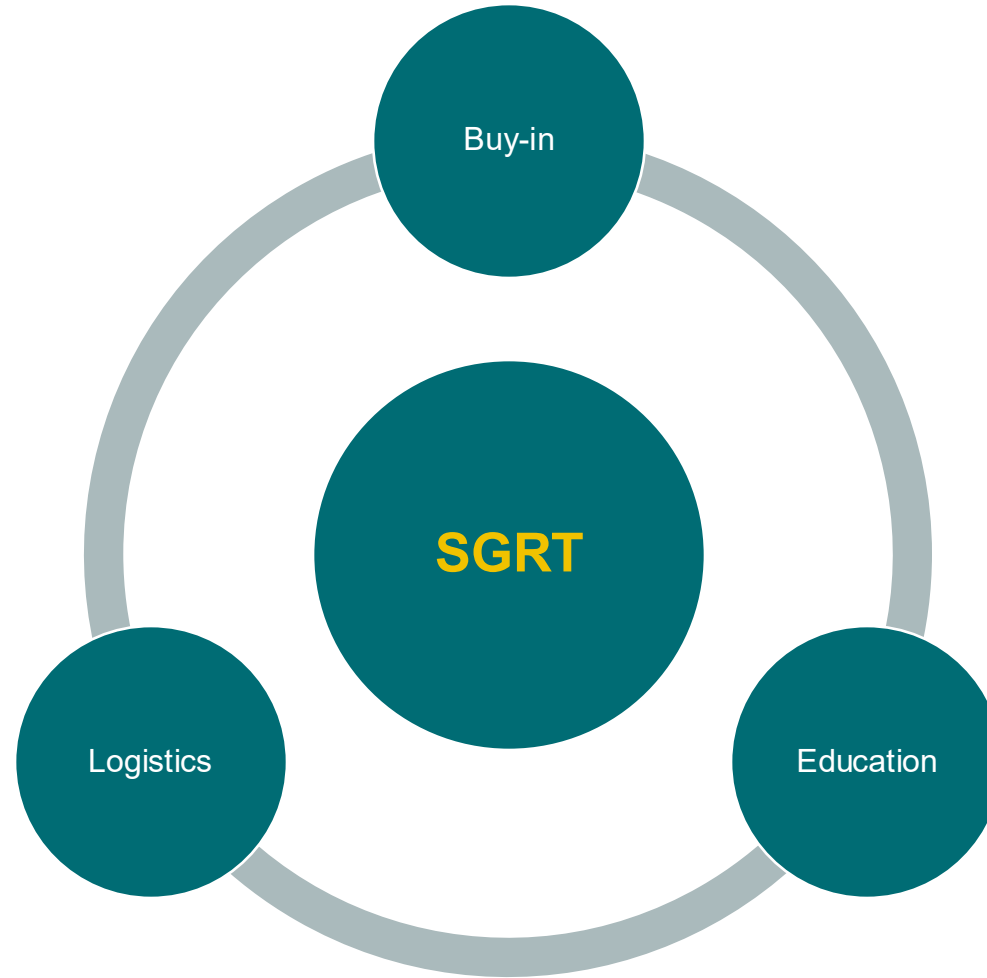
Other situations

- Palliative and on-call
- Recreate immobilization
- Special procedures (ex. CSI)
- Patients who are mobile (dementia, pain)

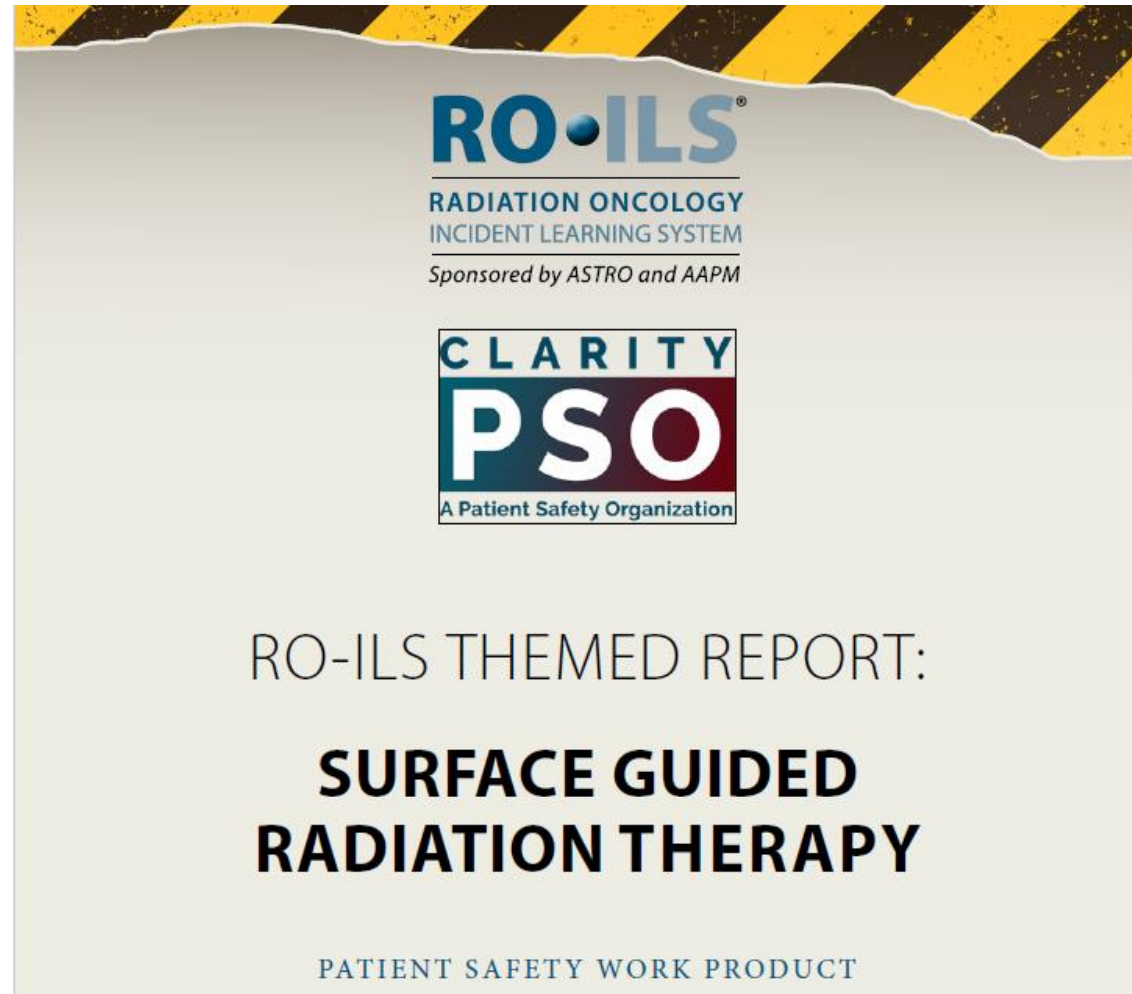


Transitioning to every site, every treatment

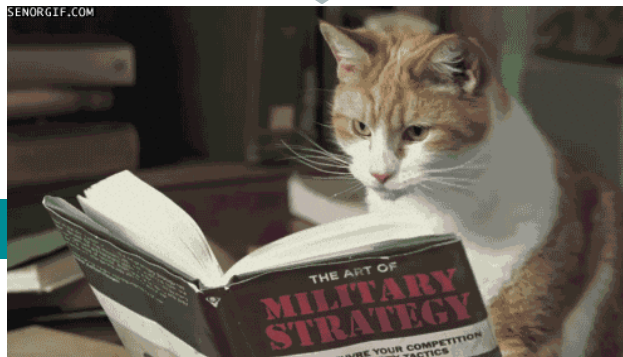
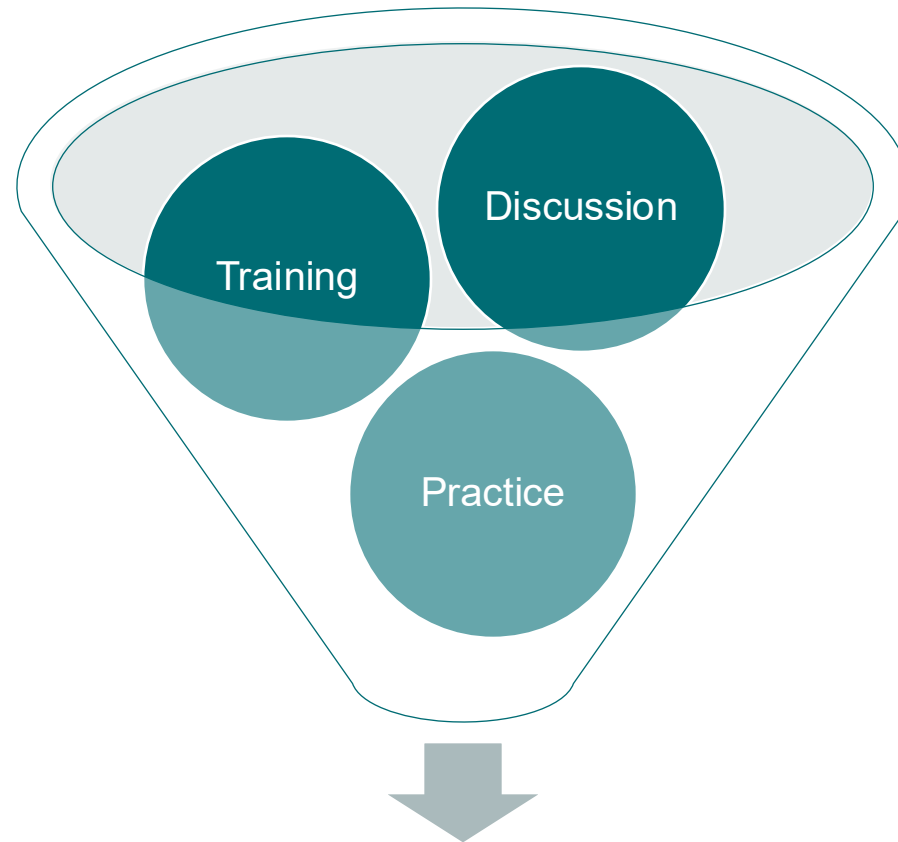
Transition Plan



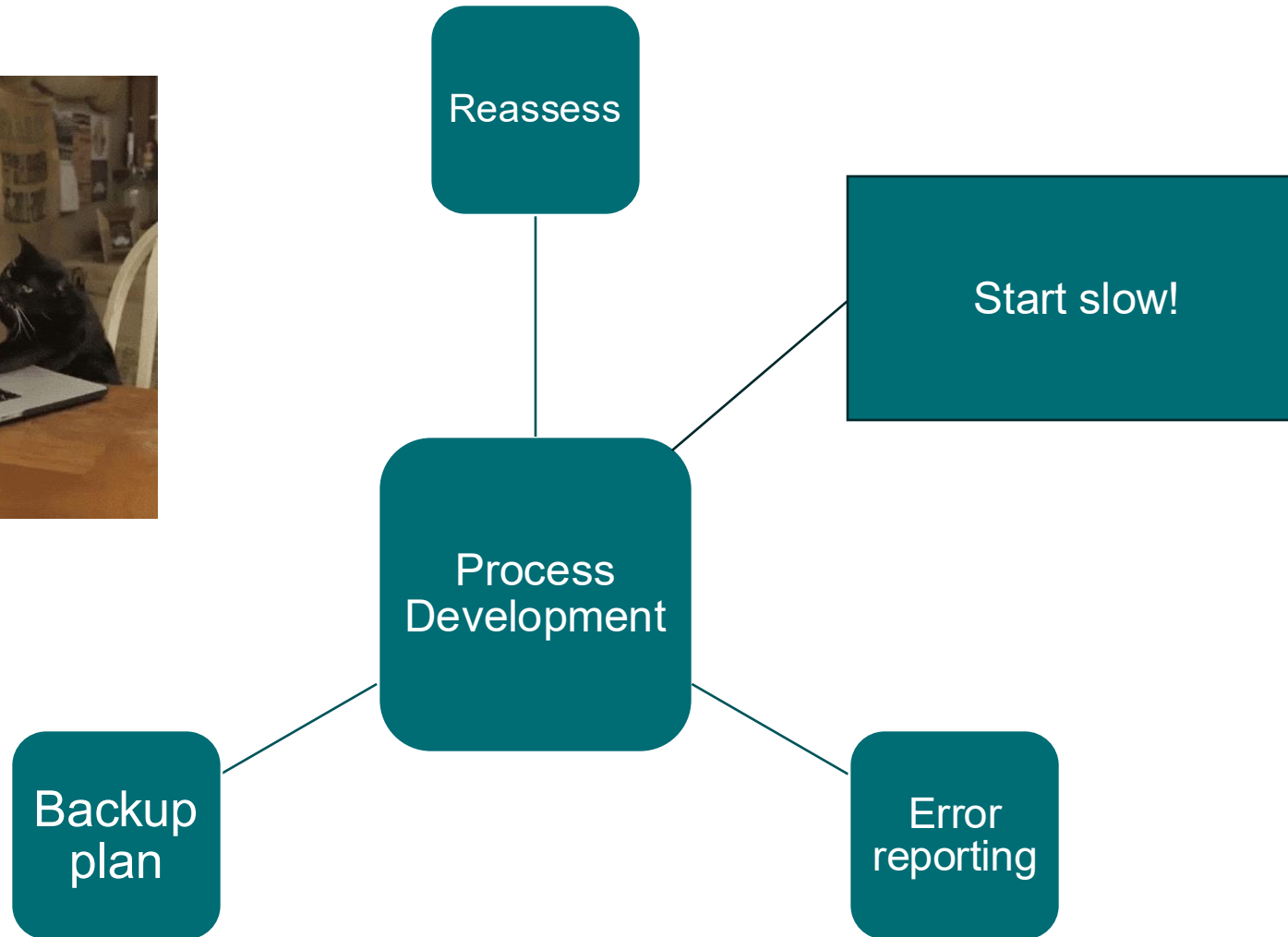
Get buy-in



Education



Logistics



Take aways

- Be proactive
- Be flexible
- Be curious

