1. Prep for building
   - Obtain initial vendor apps training
   - Set dose watch parameters
   - Remove 140 kVp protocols
   - Enable dose modulation
   - Build protocols
   - Label protocols “adult” and “pediatric”

2. Basic protocol build
   - Set upper and lower limits (dose modulation)
   - Reduce rotation speed
   - Body Scan?
     - No
     - Yes
       - Enable iterative construction
       - Create written protocol
     - Increase pitch for body exams

3. Reduce radiation dose
   - Increase noise index by 5% increments
   - Perform phantom test to ensure quality
   - Begin performing studies
   - Radiologist provides feedback on study quality
   - Quality image?
     - No
     - Adjust to previous setting
     - Yes

4. Update protocol
   - Radiologist reviews and approves final protocol
   - Update written protocol
   - Educate and implement new protocols

100K Children Campaign
Safe Imaging
Washington State Hospital Association