GE SpeCZT uCT Scanner - Operating Notes: very rough SOP

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- uid: VCT User
- password: vct@pci (provided by your trainer)
- wear radiation exposure safety badge

- place object on bed
    - QA phantom, placed in "vials end first"
- toggle lasers on
    - align lasers with masking tape mark (replace tape with other ...)
- toggle lasers on
- close lead housing around table
    - note: lead housing must be pushed in completely for interlock to release
    - hit yellow button on black box near console to release interlock

protocols:
CT fast scan vision120 90kvp large focus (1mm focal spot) DWH
(has user designed protocol warning)

CT warmup

(aside)
switch to service page
- can see heat units from service page (12% following warmup procedure)

back to Scan Menu

CT FLouro - live side view (can see table near bottom of live image)
can adjust gantry / table position using lower buttons on live monitor

pop-up: adjust new gantry position to zero"

- need to adjust table height (260.4 mm currently) to centre QA phantom - perhaps up 3.2mm (from recon)
    - write table height and scanner on QA phantom
- can be tabulated for various beds (such as pink beds with Falcon tube)

Parker-weighted thumbnail scan appears - double-click to launch MicroView

Service Menu
    - now at 26% heat units

Recon Menu
- name ObjectName_YYYYMMDD - scan#3840
- recon half resolution
- submit reconstruction
- shows up in recon menu when complete
- can crop object or region of interest, then do full-res recon
- save ROI crop

program to analyze QA phantom ROIs and report: /usr/local/bin/qaphantom
- move up
- can accidentally