Optimizing your c.cam Image Quality

Proper Patient Positioning

Proper patient positioning is extremely important when using a small field of view camera to avoid truncation. To properly position a patient using the c.cam® Imaging System, follow the instructions below.

1. Position the patient on the chair so that his spine is centered on the chair.

2. Once the camera is in the Mark position, ensure that the heart does not get truncated by viewing the patient positioning monitor on the acquisition laptop.

3. Prior to marking the points to determine the scanning orbit, ensure that the detectors are approximately an inch from the front and side of the patient.

4. When the patient is positioned properly, the sinogram should look like the one displayed to the right.

5. The first indication of improper patient positioning can be seen not only in the cine of the raw data but also in the sinograms. The sinogram in Step 4 above was the result of good patient positioning. The sinogram displayed below demonstrates patient positioning that may lead to the truncation of the myocardium.