

**CTB-00758 Rev 002**

**Date:** *September 15, 2022*

**Author:** Service Engineering

**Product:** Selenia Dimensions/  
3Dimensions

**Subsystem:** Detector

**Subject:** DET 8:93 Errors During Biopsy Procedures When Acquiring  
a Scout Exposure

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**Revision History**

Rev 002 - Removed references implying that this issue occurs only on 1.10/2.1 systems.

**Purpose**

To alert customers and the field of two rare issues that can occur during biopsy procedures when acquiring a scout exposure which cause DET 8:93 errors. Both issues can be resolved with simple workflow modifications.

These issues will be resolved in a future software release.

**Scenario #1**

This applies to both Selenia Dimensions or 3Dimensions systems. When attempting to perform a Stereo Scout, the system repeatedly will present a DET 8:93 error, but it will perform a standard 2D exam without error.

This error is the result of the Tube Arm being slightly off 0° by approximately 0.2°, and a timing issue occurring while waiting for the Tube Arm to reach 0°.

No X-ray is produced when this issue occurs, so the patient does not receive any extra dose.

The following workflow can be followed in the event this issue occurs.

# Customer Technical Bulletin (cont.)

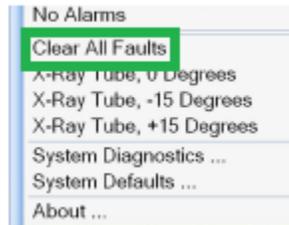
## Workflow modification for repeated DET 8:93 errors when attempting to take a Stereo Scout exposure

1. With the Affirm Upright Biopsy System on the gantry and the biopsy exam opened, select the System Status Icon from the taskbar at the bottom of the screen. See Figure 1.



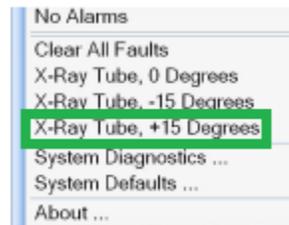
**Figure 1 – System Status Icon**

2. Select Clear All Faults from the System Status Menu. See Figure 2.



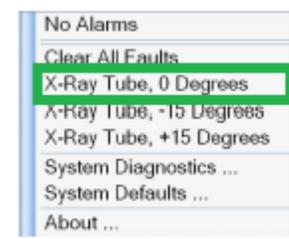
**Figure 2 – System Status Menu, Clear All Faults**

3. Select X-Ray Tube, +15 Degrees from the System Status Menu. See Figure 3.



**Figure 3 – System Status Menu, X-Ray Tube, +15 Degrees selection**

4. Select X-Ray Tube, 0 Degrees from the System Status Menu. See Figure 4.



**Figure 4 – System Status Menu, X-Ray Tube, 0 Degrees selection**

5. Once the Tube Head reaches 0°, proceed with the normal examination workflow.

# Customer Technical Bulletin (cont.)

## Scenario #2

This only applies to Selenia Dimensions/3Dimensions systems performing Biopsy procedures, and using the Smart Positioning function.

Smart Positioning was introduced in Version 1.10.0.1/2.2.0.1 Selenia Dimensions/3Dimensions software. It allows the system to go ready for an exposure when the Tube Head is at 0° relative to the C-Arm. The Tube Head will automatically move into the 0° position prior to making the exposure.

A timing issue can occur when attempting to take a Scout View exposure that requires the Tube Head to move to 0° from the ± 15° position. This results in an Image Capture Error DET 8:93 to display.

No X-ray is produced when this issue occurs, so the patient does not receive any extra dose.

The following workflow can be followed to prevent this issue from occurring.

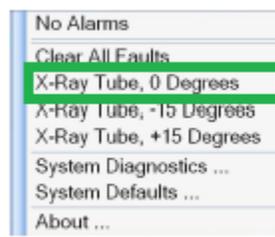
### Workflow modification when using Smart Positioning

1. During a Biopsy procedure when using the Smart Position function, position the patient normally.
2. At the AWS after positioning the patient and prior to engaging the x-ray button(s) and/or x-ray foot switch for a Scout view, select the System Status Icon from the taskbar at the bottom of the screen. See Figure 5.



**Figure 5 – System Status Icon**

3. Select X-Ray Tube, 0 Degrees from the System Status Menu. See Figure 6.



**Figure 6 – System Status Menu, X-Ray Tube, 0 Degrees selection**

4. Once the Tubehead reaches 0°, proceed with the normal examination workflow.