

	Standard Operating Procedure #410 <b>MS Scanner Warmup Procedure</b>		Page 1 of 1
	Investigator: Jan Markowski	Location: MicroCT Imaging Lab	Revision: 00

## 1. Introduction

- 1.1 X-Ray equipment, if not properly used, may cause injury. The GE eXplore Locus utilizes a radiation emitting x-ray source and complies with US and Canadian cabinet x-ray standards which allow the system to be safely operated without additional x-ray shielding.
- 1.2 Use of the Locus (MS) scanner is restricted to individuals that have had documented safety, operation, and maintenance training of the scanner by a facility technician (Joseph Umoh).

## 2. System Warmup Procedure

- 2.1 Green power indication lights on the black x-ray control units will indicate if the scanner is ON. Turn on the MS scanner if the green lights are not on:
  - 2.1.1 Turn the key located in the black CM-8X control unit below the MS scanner counter-clockwise. At this point you will not be able to remove the key.
  - 2.1.2 The green power indication lights should turn on.
- 2.2 If the Locus SP console is not already ON, turn it on and wait for the login screen to appear. Log onto the console with appropriate login/password combination.
- 2.3 A warmup process should automatically start as soon as user has logged on. However, if the process fails to start, manually begin the warmup process:
  - 2.3.1 Run **Warm-up App**.
  - 2.3.2 Click **Idle**.
  - 2.3.3 Wait for a popup window to appear that says “x-rays are now warmed up” on **Scan Control**. This will take about 3 minutes.
  - 2.3.4 You may proceed to scan.

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