AGFA

1 Starting Valory

⚠️ **WARNING:**

Before making X-ray exposures, make sure that the system is functioning correctly and that all components and accessories are securely mounted.

■ Switch on the electrical room switch.

■ Press the Power ON button on the X-ray generator mini console to switchon the system.

⊙

■ Start the MUSICA Acquisition workstation.

The MUSICA Acquisition application and the software console are available on the MUSICA Acquisition workstation.

For detailed information about starting up the MUSICA Acquisition workstation, refer to the MUSICA Acquisition User Manual, document 4420.

■ Power on the DR detector.

■ Perform the automated workflow for warming-up of X-ray tube.

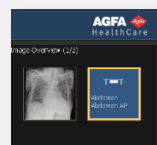Close the collimator blades fully.

3 Starting the examination

■ Retrieve patient info from the RIS (select a patient and click **Start Exam**).
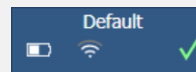
Start Exam

■ Select the thumbnail for the exposure.

The default X-Ray exposure parameters for the selected examination or exposure are sent to the modality.
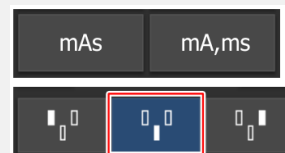
■ The DR detector is activated. The **DR Detector Switch** shows which DR detector is active and shows its status.
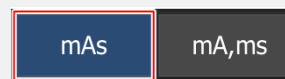
Default ✓

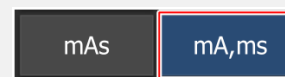## 4 Generator controls

One point mode, by selecting kV. The exposure is controlled by AEC.

mAs	mA,ms

Two point mode, by selecting kV and mAs. AEC is disabled.

mAs	mA,ms

Three point mode, by selecting kV, mA and exposure time independently. AEC is disabled.

mAs	mA,ms

5 Inserting the DR detector

■ Position the DR detector in the bucky
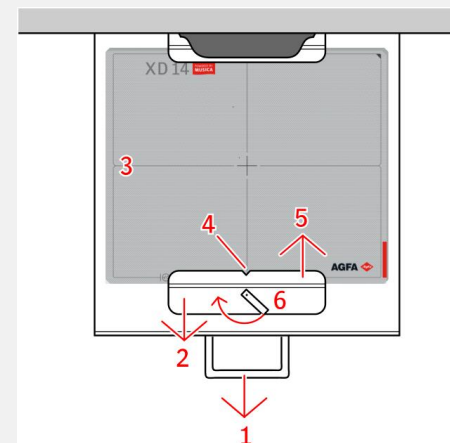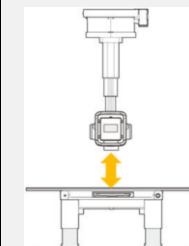
6 Moving the tube head to the default SID

■ Rotate the X-ray tube head to 0° position.

■ On the X-ray tube head, press the constant SID button.

The X-ray tube head moves to the default SID.

■ Adjust the table height.

The X-ray tube stand is **moving** up or down accordingly.

SID

7 Centering the tube head on the table

- On the X-ray tube head, while pressing the transversal movement button, move the X-ray tube towards the center of the radiographic table in transversal direction.

- While pressing the longitudinal movement button, move the X-ray tube to the required position.
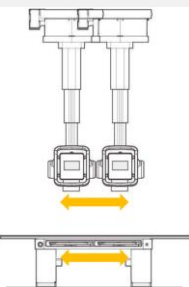
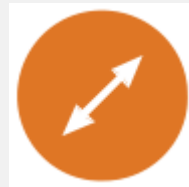- Press the automatic centering and position tracking button.

- Adjust the position of the X-ray tube head.

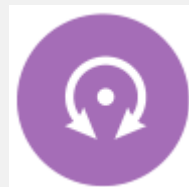The DR bucky is **moving** left or right accordingly.

8 Centering the tube head on the wall stand

- On the X-ray tube head, while pressing the transversal movement button, move the X-ray tube towards the radiographic wall stand.

- While pressing the tilting button, tilt the X-ray tube 90° towards the radiographic wall stand.

- While pressing the longitudinal movement button, move the X-ray tube to the required SID.
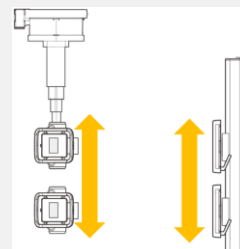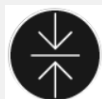
- Press the automatic centering and position tracking button.

- Adjust the position of the X-ray tube head.

The DR bucky is **moving** left or right accordingly.

9 Performing the exposure

- On the handswitch , press the exposure button to execute the exposure.

WARNING:

During exposure release, the radiation indicator on the software console lights up and the beacon light turns yellow.

10 Performing quality control

- Assess the image quality and prepare the images for diagnosis (e.g. by using L/R markers or mirroring or rotating images).

- If all images are OK, you can **Close and Send** them.

Close and Send

- Depending on the configuration, the images will be sent to a hardcopy printer or PACS (Picture Archiving and Communication System).

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