

## 1 Moving the unit



**CAUTION:**

Do not use the unit on floors with an inclination higher than 5 degrees. Do not drive the unit on ramps with an inclination higher than 10 degrees.



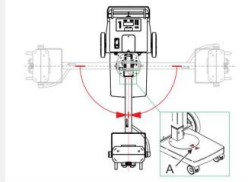
**CAUTION:**

The equipment must be moved only after bring it to transport position

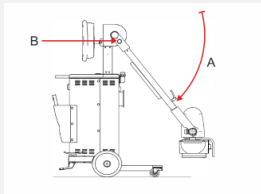
- Make sure the device is switched off.
- Move the rotating column in central position.



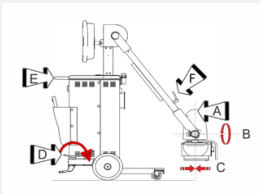
Power off button



- Lower the arm (A) to locked position.



- Put the X-ray tube (A) in vertical position on both rotation axes (B and C).



- Turn the X-ray tube rotation handle (F) clockwise. The device is now in transport position.

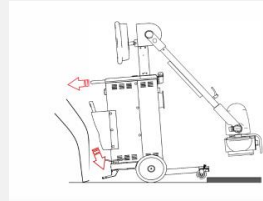
- Release the brake.

On a system with rotating column, release the brake by pulling the lever on the handlebar.

On a system with fixed column, release the brake pedal.

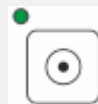
- Move the unit holding the handlebar.

- To overcome obstacles or small drops, press with the foot on the pedal for the tilting and, at the same time, pull the handlebar.



## 2 Starting the device

- Unroll the mains cable from the cable reel and extend it completely.
- Plug the cable into a mains power socket.
- Press the power button.



Power on button

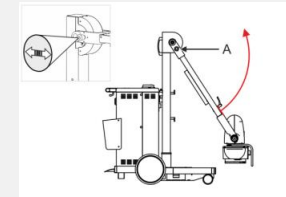
## 3 Positioning



**WARNING:**

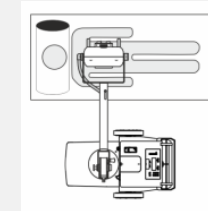
Monitor the patient position (hands, feet, fingers, etc.) with special care to avoid injury to the patient caused by unit movements. Patient hands must be kept away from mobile components of the unit. Intravenous tubing, catheters and other patient connected lines should be routed away from moving equipment.

- Pull and rotate the knob (A) with the arrow towards the green dot to unlock the arm.

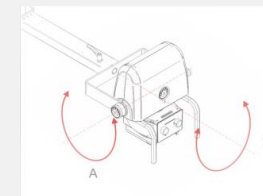


- Lift the arm.

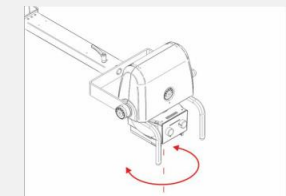
- Position the X-ray tube relative to the region of interest by moving the device or rotating the column.



- Point the X-ray tube towards the region of interest.



The X-ray tube can be tilted in all directions.



The collimator can be rotated on its vertical axis.

## 4 Preparing the exposure

Set the exposure parameters for an anatomic program.

For making a free exposure, continue with the next step, adjusting the exposure parameters.

- Press the button to open the list of anatomic programs.



- To switch to another anatomic group, press the F1 button on the console repeatedly.



- To scroll down the list of anatomic programs, press the button to scroll pages.



- Select an anatomic program by pressing the F2, F3 or F4 buttons, corresponding to the line on the display containing the selected program.



- To return to the list of anatomic programs, press the F2 button.



- To leave the anatomic program and make a free exposure, press the reset button.



Adjust the exposure parameters.



- Check the position of the X-ray unit and the patient.
- If a filter is used, mount the filter to the collimator.

- Switch on the light localizer on the collimator. Adapt collimation if required.



## 5 Executing the exposure

- Activate the preferred exposure control mode.



Switch between remote control exposure button or wired exposure button. The indicator lights up when the remote control is enabled.



**WARNING:**

Excessive user or operator radiation exposure. Always keep a distance of at least 2 meters from the focal spot and X-ray beam, protect body and do not expose hands, arms or other parts of the body to the primary beam.

- Execute the exposure.



**WARNING:**

The radiation indicator on the control console lights up during exposure release.

Using the wired exposure button

- Completely extend the cable of the exposure button and keep as far as possible from the radiation source.
- Press and hold the exposure button down to the first pressure point.

The X-ray tube is prepared for performing an exposure.

- Press the exposure button down fully and keep it pressed until the exposure has ended.

When the X-ray exposure is finished successfully, three beeps are heard. The exposure time is displayed in ms. The device prepares for a next exposure.

Using the remote control exposure button

- Ensure that there is no other equipment with remote control nearby.
- Keep as far as possible from the radiation source. The remote control operates at a distance of maximum 11 m from the device at any angle and within sight, through glass or leaded glass. The remote control doesn't operate through doors or walls.
- Point the remote control towards the remote control receiver on the device.
- Press and release the exposure button on the remote control.

The X-ray tube is prepared for performing an exposure.

- Press the exposure button within 15 seconds and keep it pressed until the exposure has ended.

When the X-ray exposure is finished successfully, three beeps are heard. The exposure time is displayed in ms. The device prepares for a next exposure.

- Return the remote control to its cradle.

## 6 Stopping the device

- Bring the device to transport position.
- Press the power off button.



Power off button

- Unplug the power supply cable.
- Wind the mains cable on the cable reel.
- Move the device to a suitable place for parking.