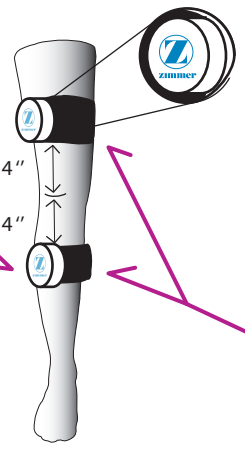
X - PSI Image Acquisition*

ZIMMER BIOMET
Your progress. Our promise.™

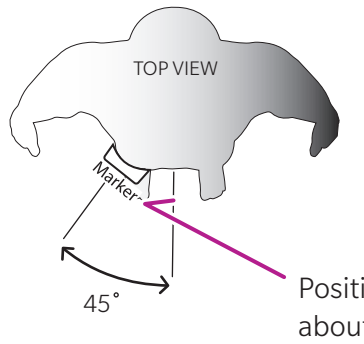
Position X-Ray Calibration Strap and Marker 3D

1 Attach one band firmly around the **thigh** and **calf.**



Ensure Zimmer logo is **horizontal.**

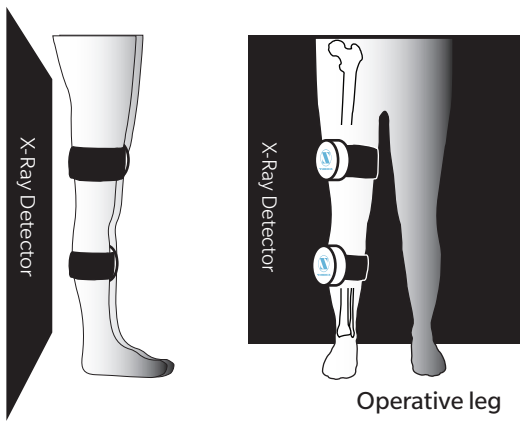
2 Attach white **X-Ray markers** on each strap.



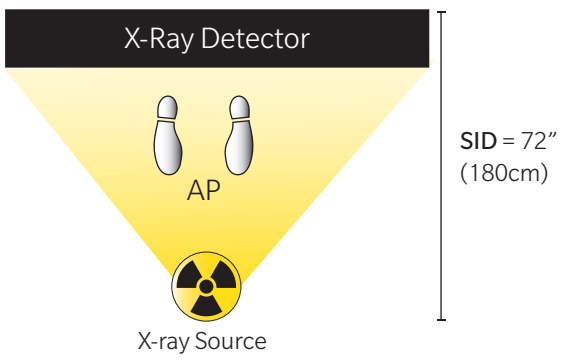
Position **markers** at about **45°** from the patient's midline.

Position patient and take A/P full leg

3

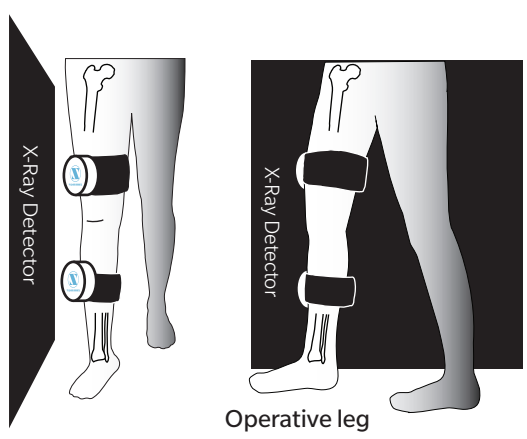


Imager Pixel Spacing value : should set value at less than 0.25 mm

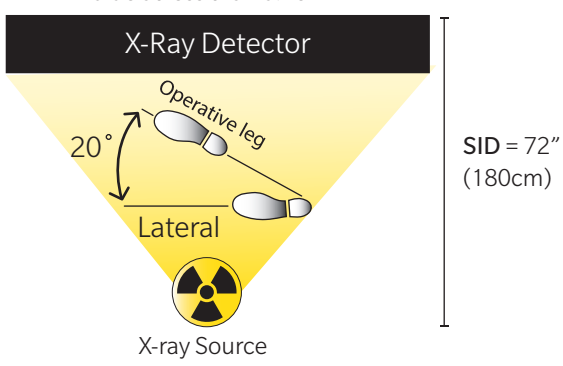


Position patient and take LAT full leg

4



Imager Pixel Spacing value : should set value at less than 0.25 mm



5 **TIPS:**

- In standing position, capture the entire leg image from above the **femoral head** to below the **ankle joint** .
- **Prevent patient movement** between any of sequential images in AP or LAT.
- **No repositioning of the Markers** is permitted during the procedure.
- SID (Source to Image Distance) value: **must be fixed during the entire study.**

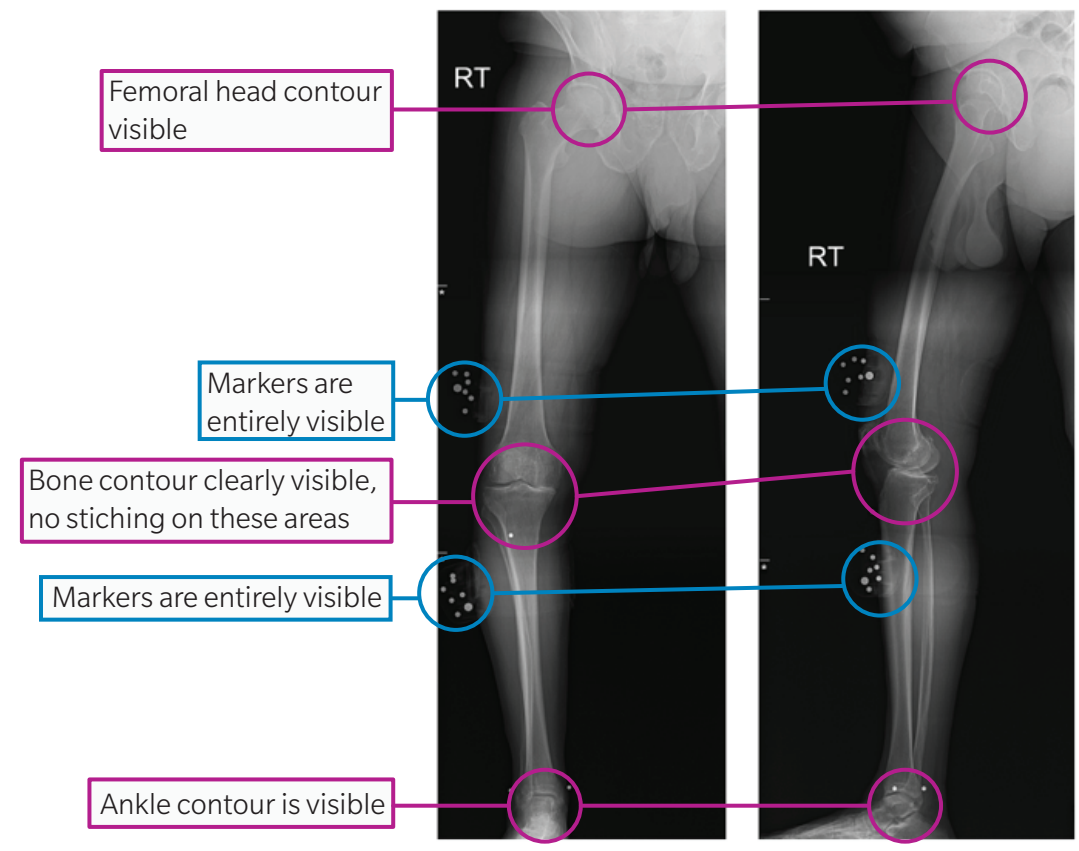
Prepare and transfer final images to Zimmer Biomet

6 The following should be available on the DICOM tag or engraved on images:

SID
Imager Pixel Spacing
Patient Gender
Laterality
PSI Case ID
Surgeon Name

7 Transfer DICOM Images (final stitched and non-stitched images) to Zimmer

Sample of good final stitched images



*For more details on each step please refer to XPSI Acquisition protocol (803.305)