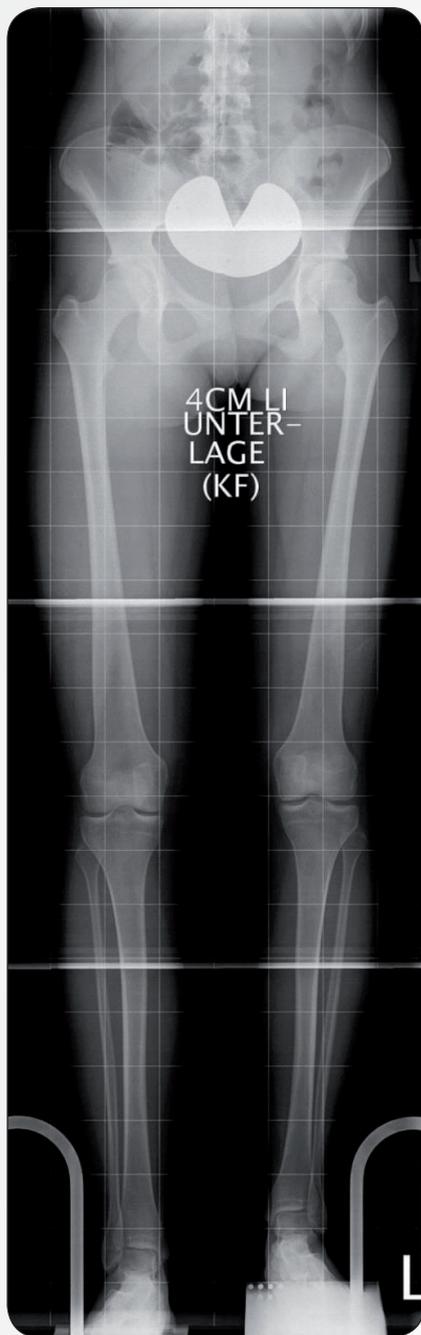


X-Ray Instructions

Long Standing Radiographs: Best Practice



- Long standing radiographs (LSR) are routinely used for analyzing deformities and planning corrections of axial and longitudinal misalignment of the lower limbs. In order to get reproducible radiographs the following criteria should be taken into consideration:
 - Film-size of 1200 x 400mm
 - The film is best positioned 3 meters away from the focus
 - A calibration ball should be used at the bone level
 - The central beam should be focused on the knee joint gap
 - The patella should face forward
 - Limb length discrepancy should be compensated
 - The weight load should be equal on both sides
- If not lateralized by subluxation, the patella facing forward represents the frontal plane and is regarded to be the best standard.
- In addition to the LSR, a lateral view of the bone is necessary to see the curvature of the bones.



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