PH-2 Whole Body Phantom **PBU-50**

PH-2B **CT Whole Body Phantom PBU-60**

Production supervision: Kyoto College of Medical Science

Photography cooperation: Kyoto College of Medical Science Toshifumi Kasai Keiko Toyama

Training guide

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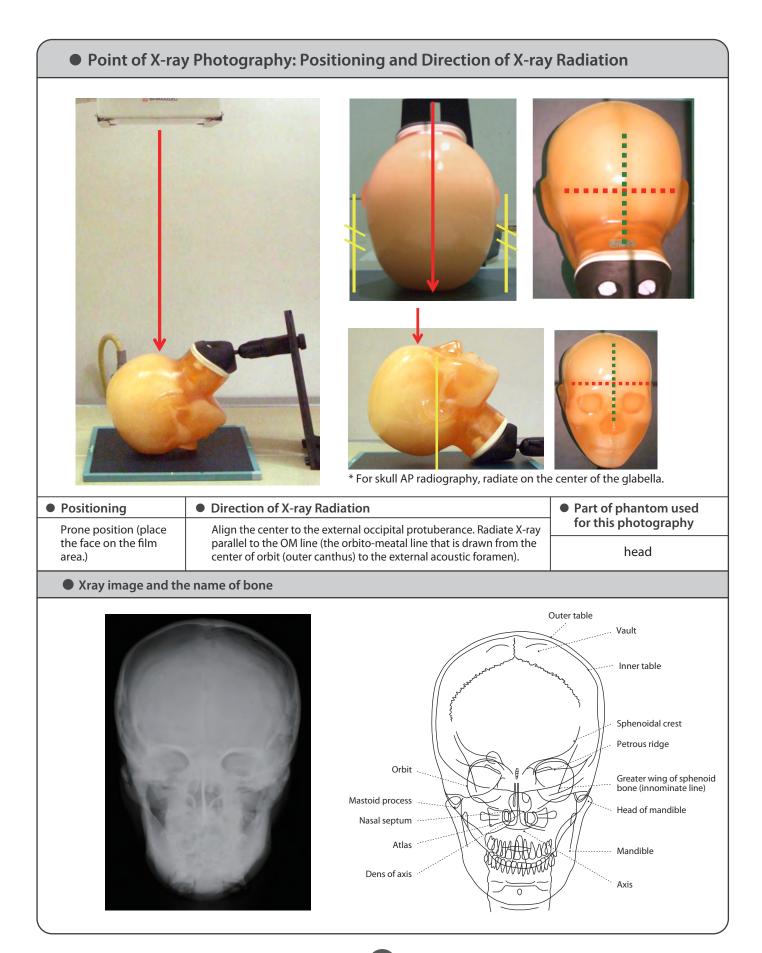
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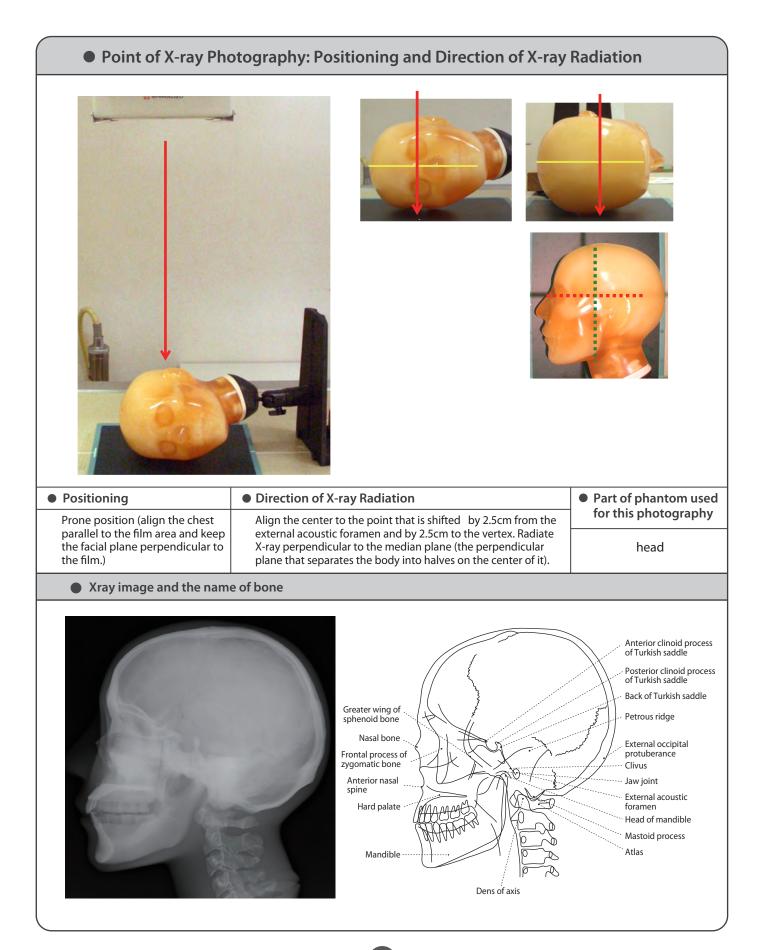
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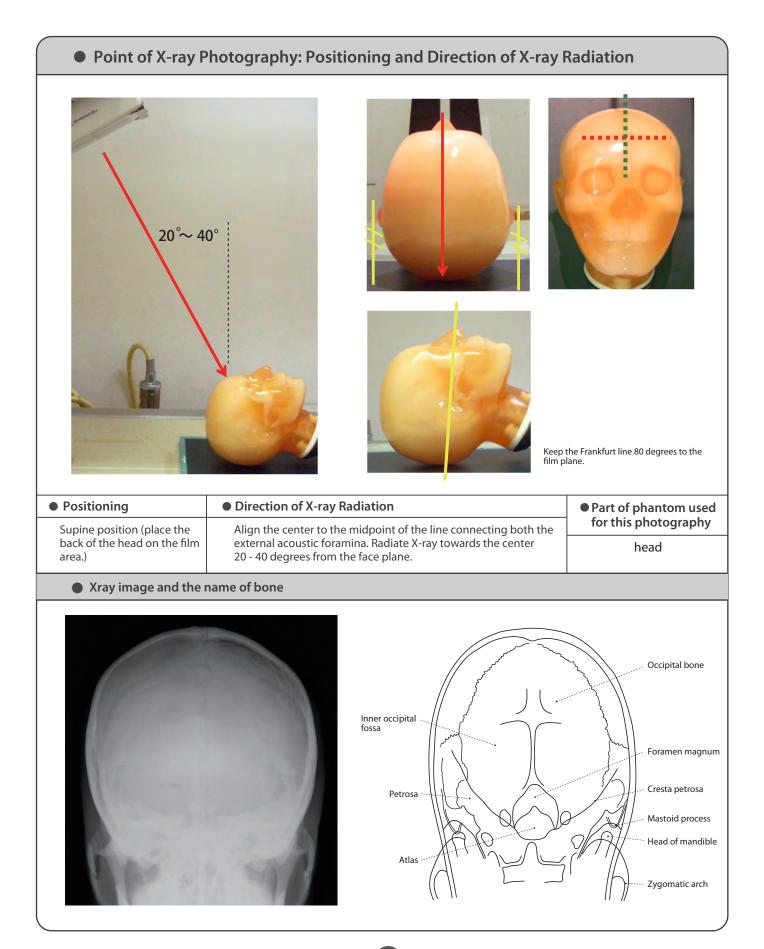
Postero anterior (PA) projection of Skull



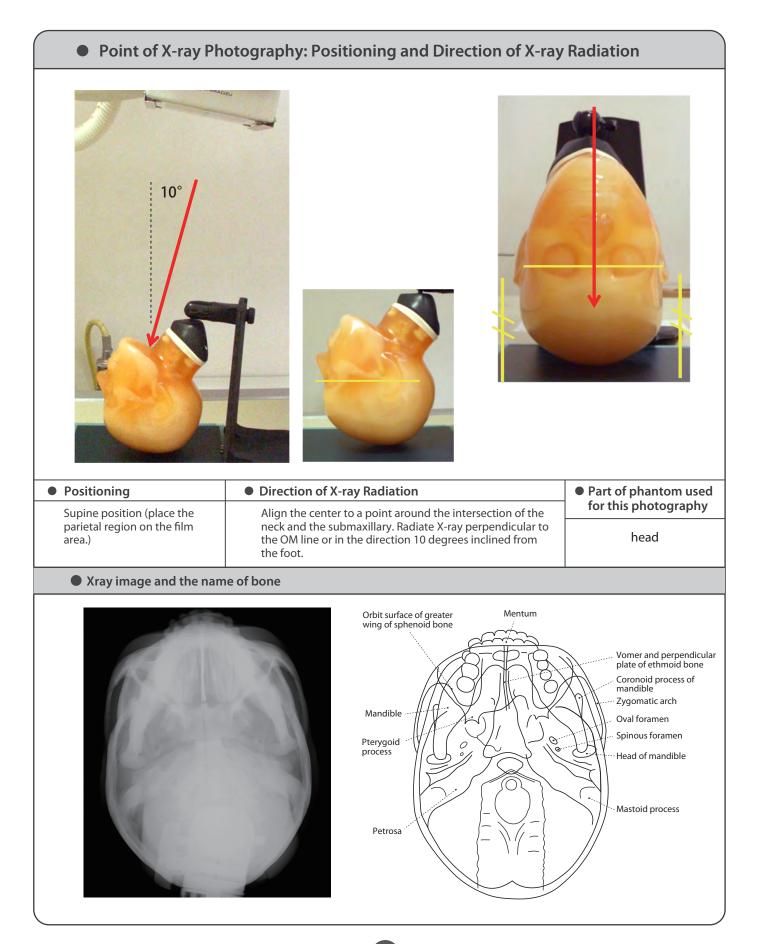
Lateral projection of skull



Townes

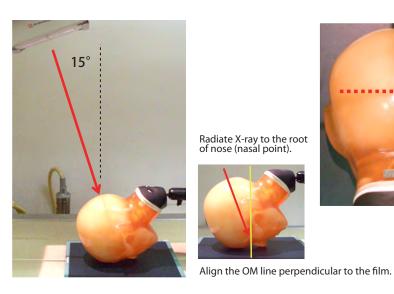


Axial projection of skull

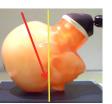


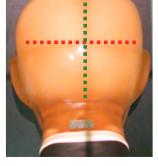
Other head radiography

• Caldwell



Radiate X-ray to the root of nose (nasal point).

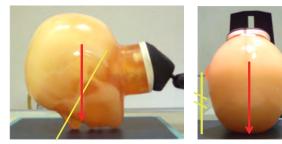






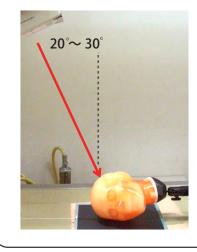
Waters

Radiate X-ray to the lower end of the nasal cavity.

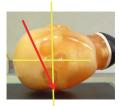


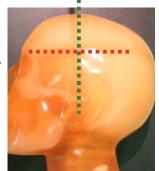
Keep the Frankfurt line 45 degrees to the film plane.

Schuller



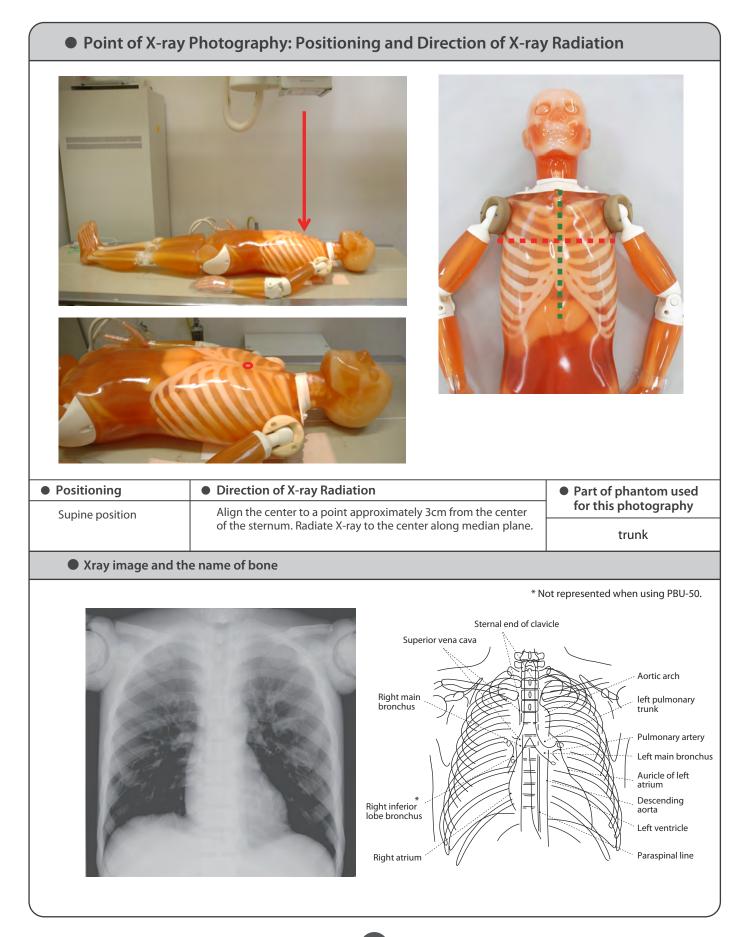
Radiate X-ray to the external acoustic foramen of the detector side at a 20 - 30 degrees inclination to the head from the Frankfurt line.

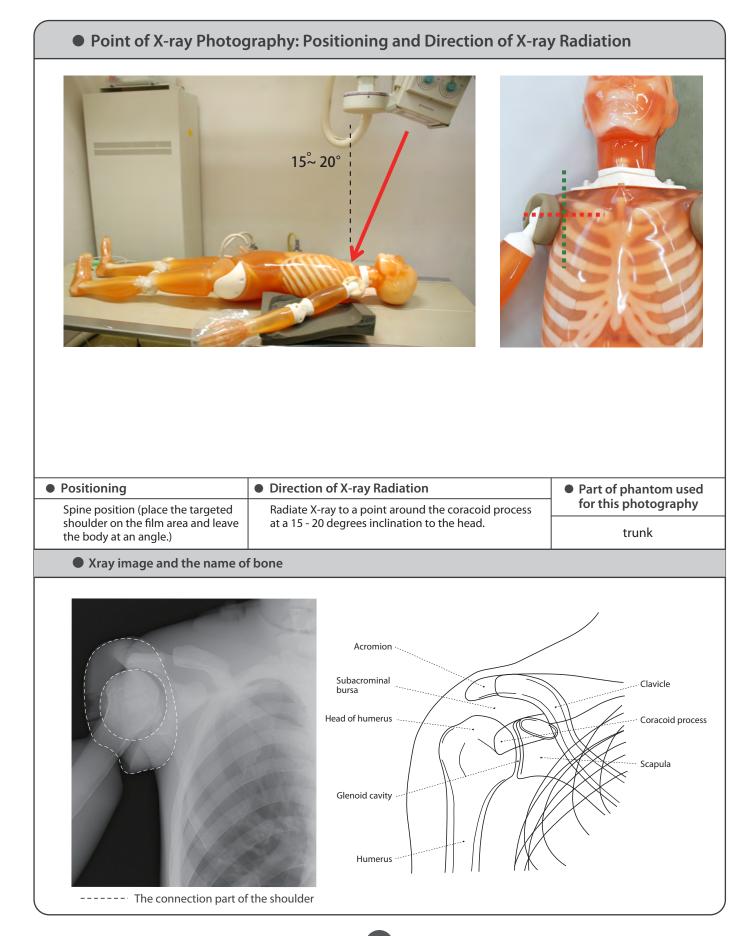






Frontal chest radiography

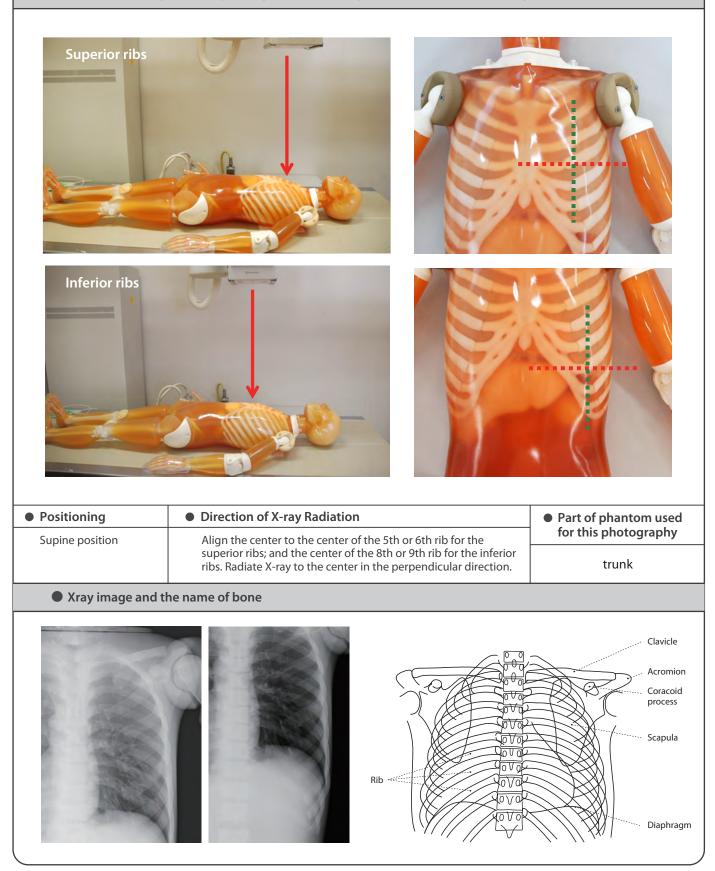




Chest radiography

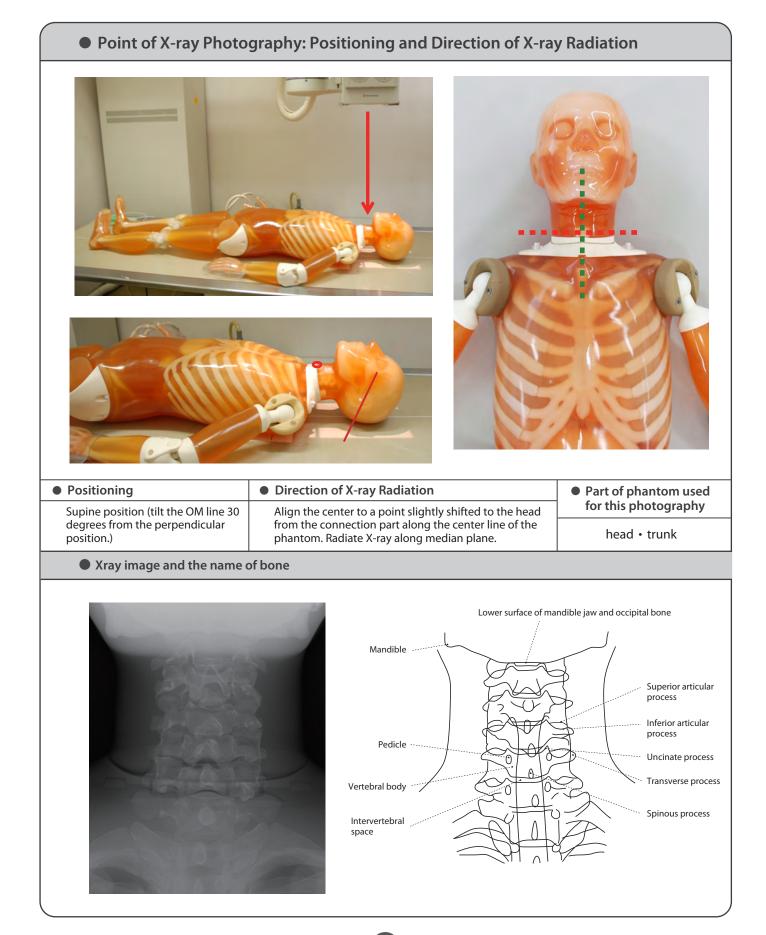
Frontal projection of superior and inferior ribs

• Point of X-ray Photography: Positioning and Direction of X-ray Radiation



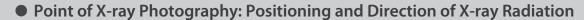
Chest radiography

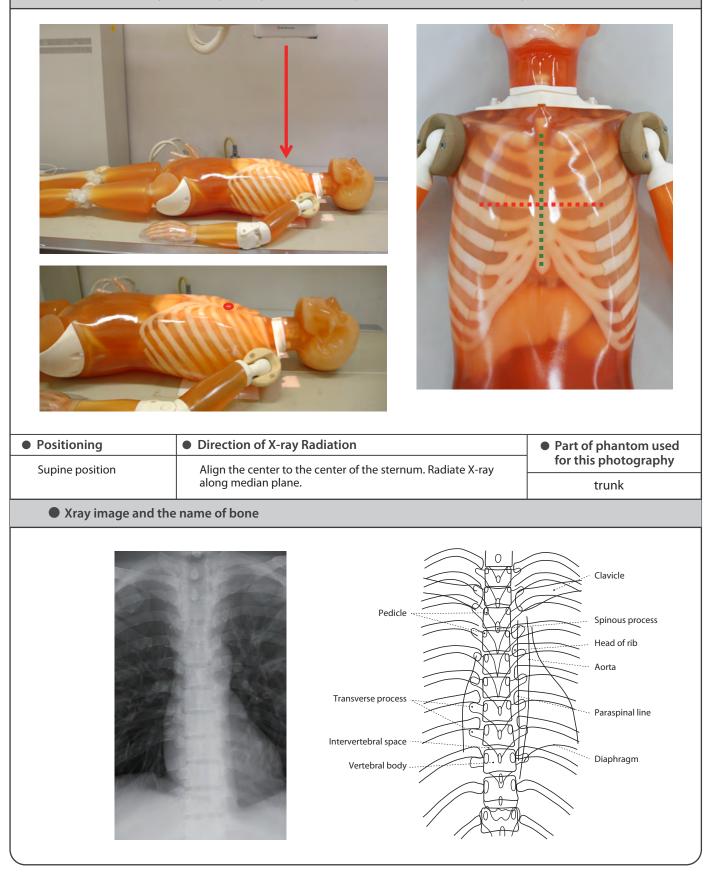
Frontal projection of cervical spine



Chest radiography

Frontal projection of thoracic spine



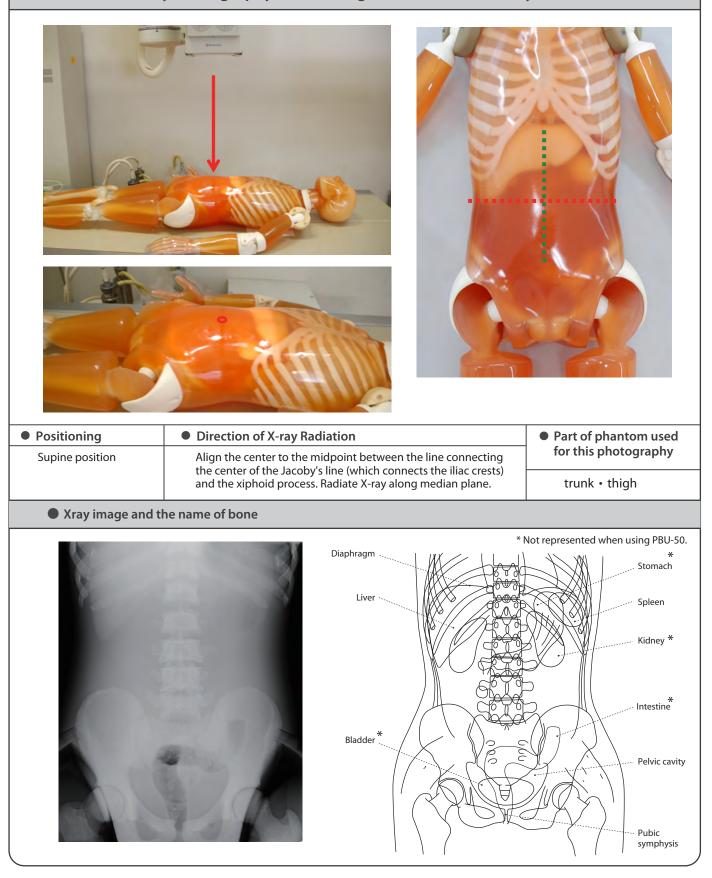


(10)

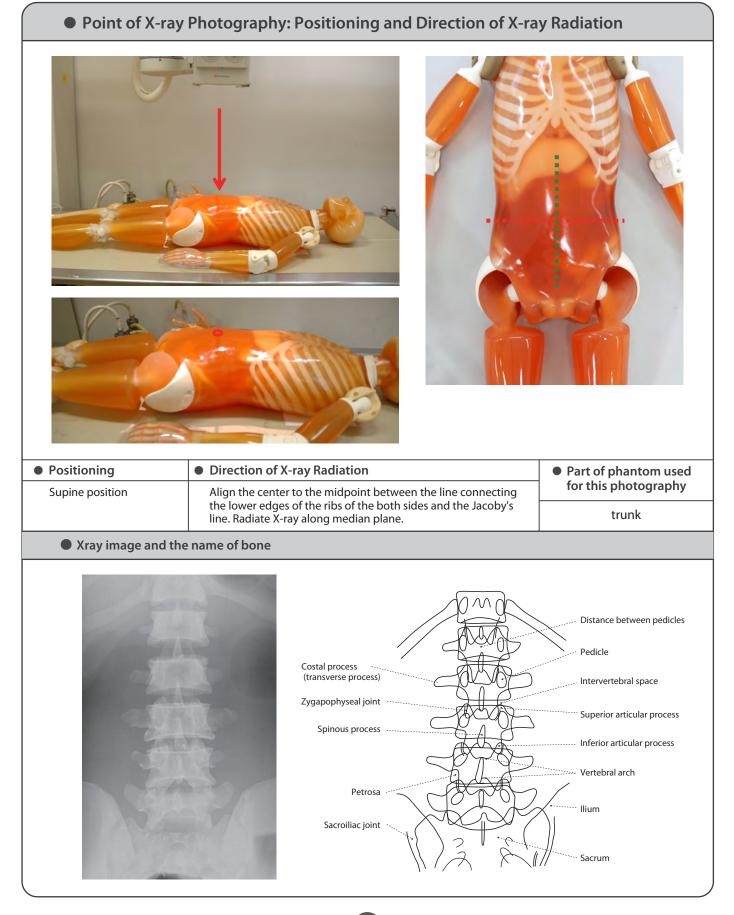
Abdomen radiography

Frontal projection of abdomen in supine position

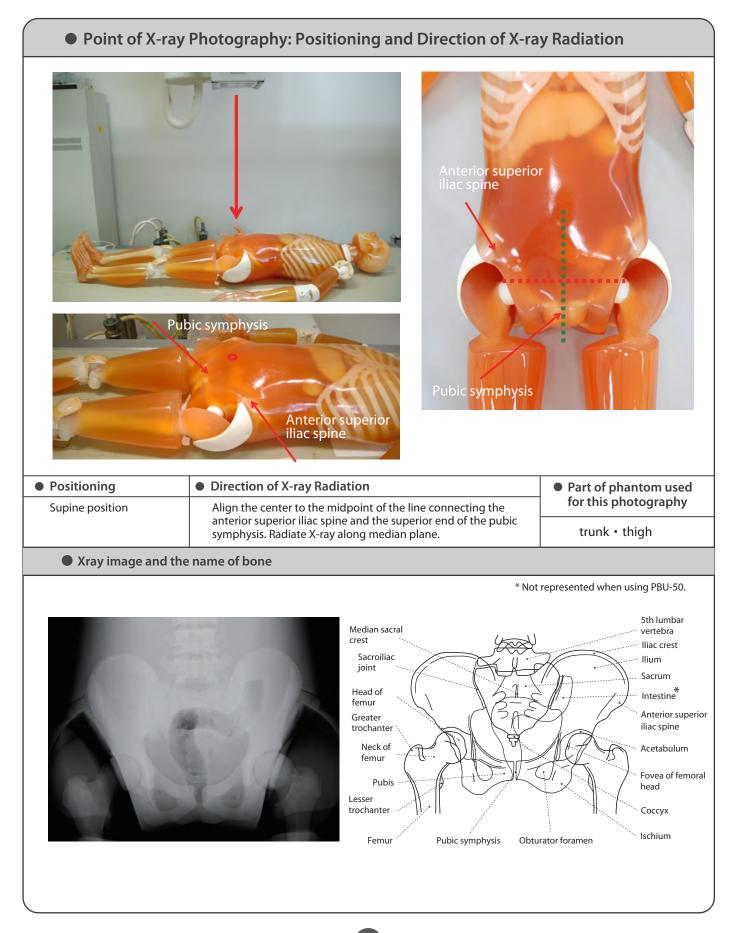
• Point of X-ray Photography: Positioning and Direction of X-ray Radiation



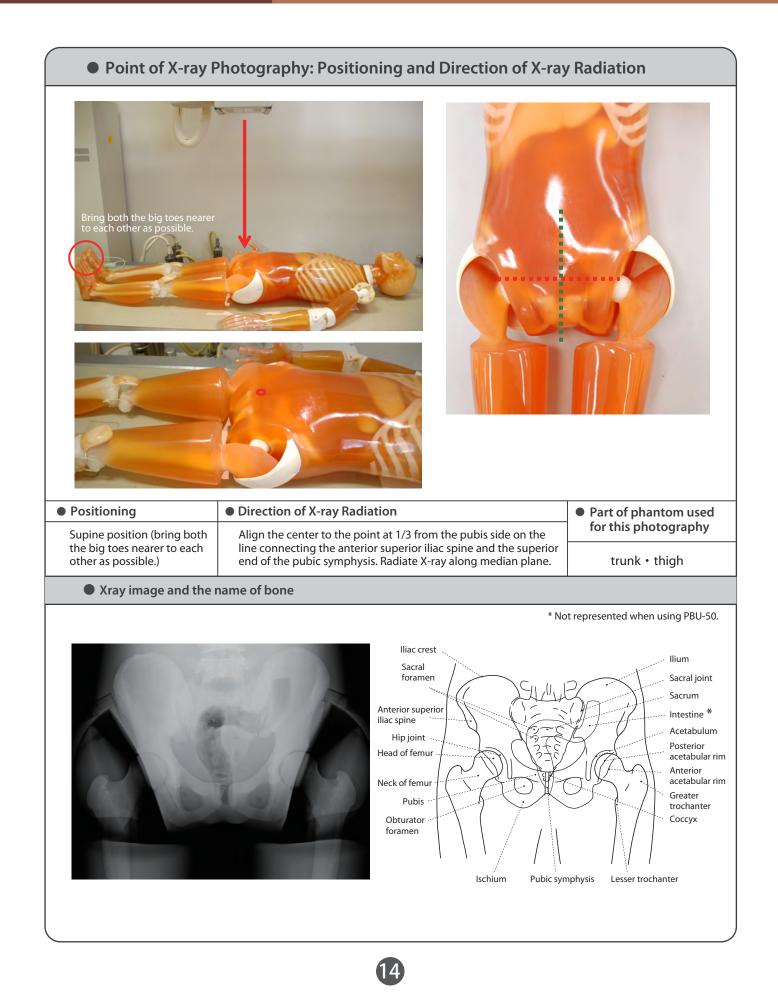
Frontal projection of lumbar spine



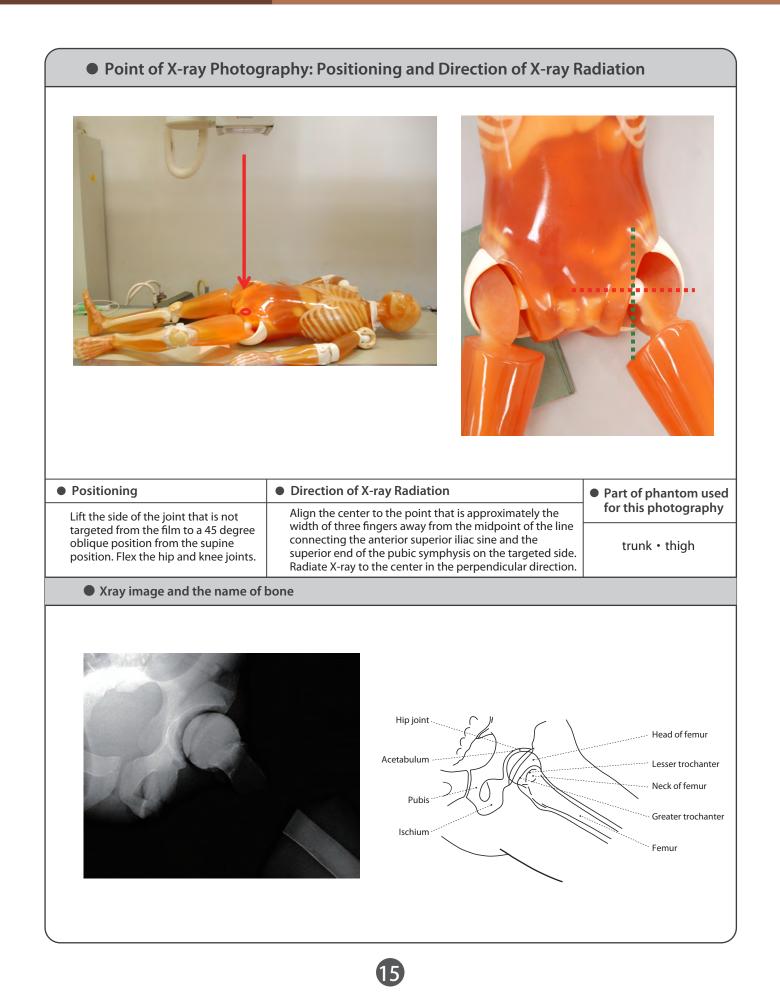
Frontal projection of pelvis

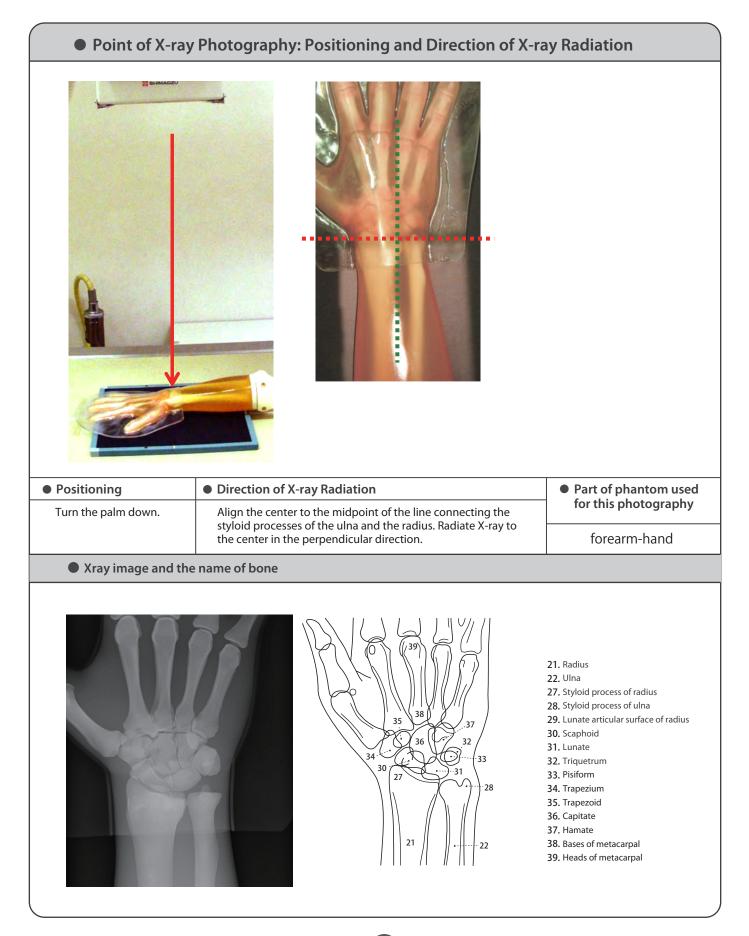


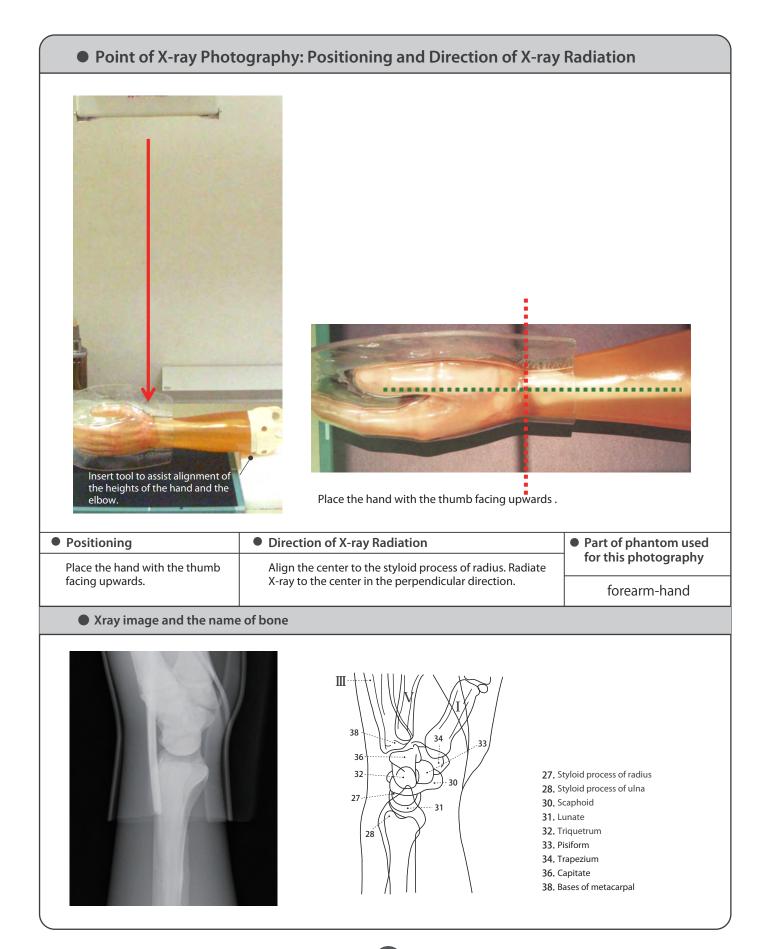
Frontal projection of hip joint



Lauenstein projection

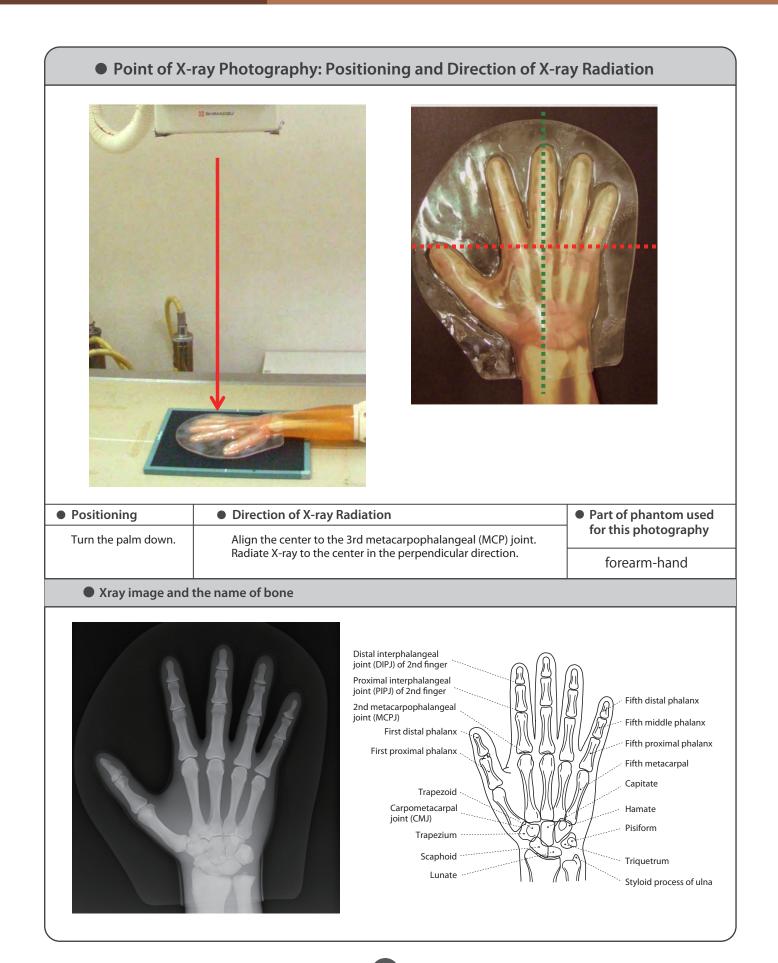






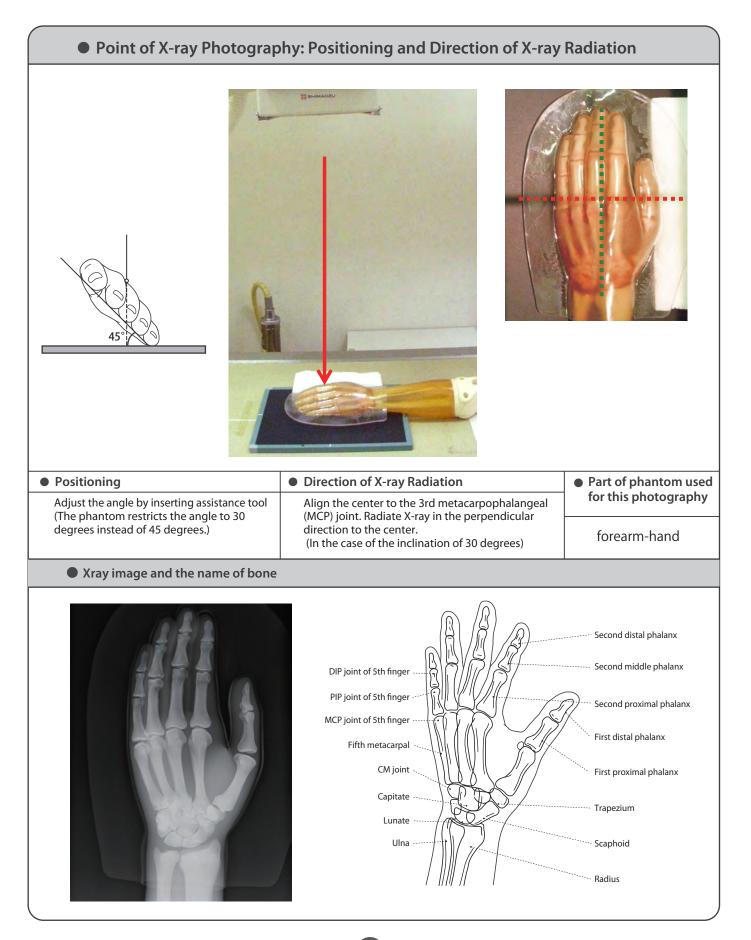
Frontal projection of fingers

Arms radiography



Arms radiography

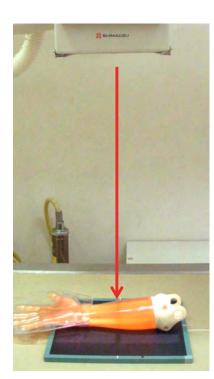
Oblique projection of fingers



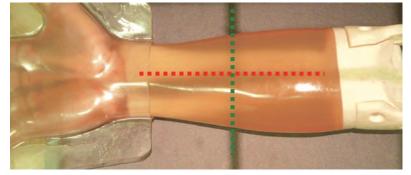
Arms radiography

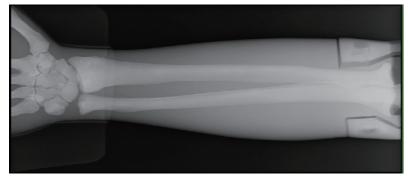
Other arms radiography

• Frontal projection of forearm



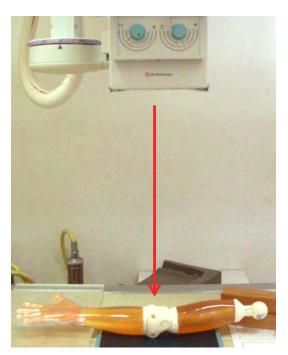




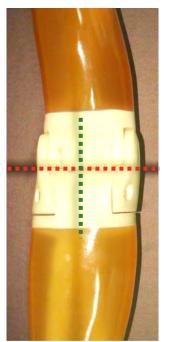


Radius and ulna are represented distinguishably.

• Frontal projection of elbow joint



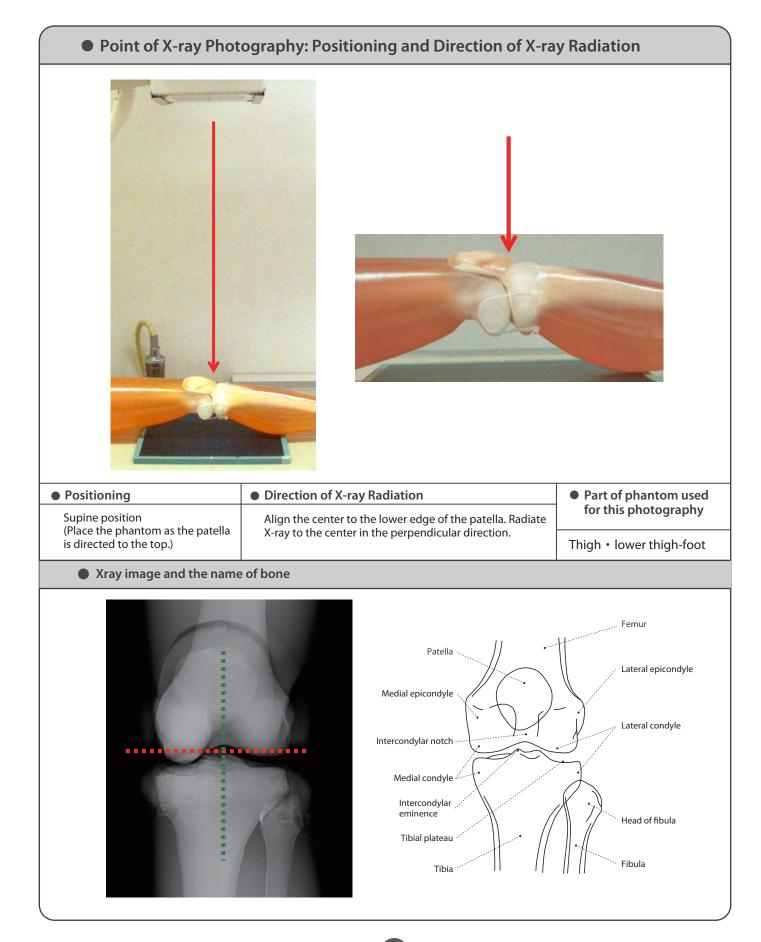
Turn the palm up and extend the elbow.



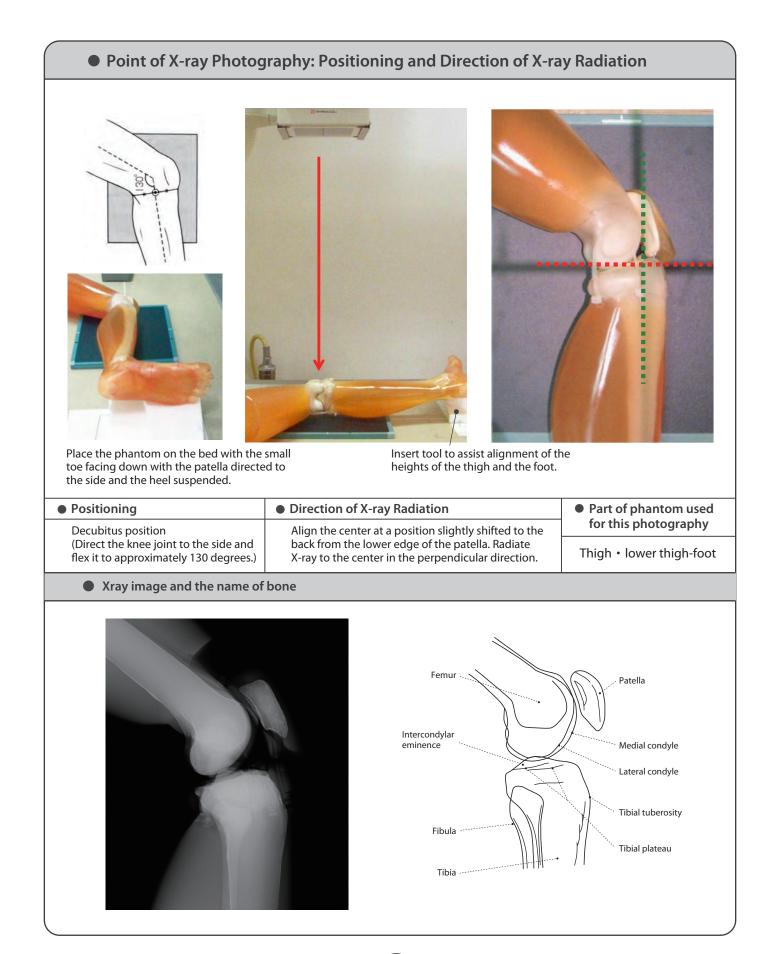




Frontal projection of knee joint



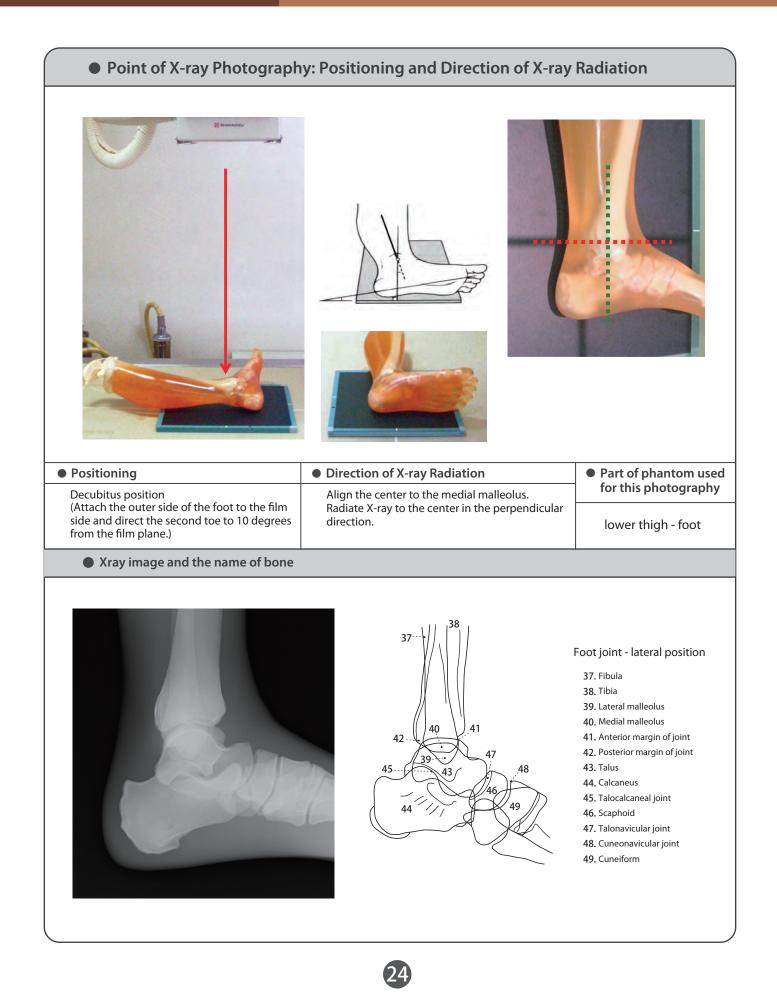
Lateral projection of knee joint



Oblique projection of foot joint

Point of X-ray Photography: Positioning and Direction of X-ray Radiation Positioning Direction of X-ray Radiation • Part of phantom used for this photography Align the center to the midpoint of the line Supine position (Tilt the line connecting the second toe connecting the medial malleolus and the lateral and the heel 20 - 30 degrees from the malleolus. Radiate X-ray to the center in the lower thigh - foot perpendicular position.) perpendicular direction. • Xray image and the name of bone Fibula Tibia Tibia Fibula Tibia inferior articular surface Tibia incisura Talocrural joint Lateral malleolus Lateral malleolus Medial malleolus Medial malleolus Talocalcaneal joint Scaphoid Talus Calcaneal sulcus Pulley of talus Scaphoid Calcaneus Talus Metatarsal Calcaneus

Lateral projection of foot joint





Don't mark on the phantom with pen or leave printed materials contacted on its surface. Ink marks on the phantom will be irremovable.

Please contact manufacturer with any discrepancies in this manual or product feedback. Your cooperation is reatly appreciated.

KYOTO KAGAKU co., ltd

http://www.kyotokagaku.com e-mail: rw-kyoto@kyotokagaku.co.jp

Main Office and Factory

15 Kitanekoya-cho Fushimi-ku Kyoto 612-8388, Japan Telephone : 81-75-605-2510 Facsimile : 81-75-605-2519 KyotoKagaku America Inc. USA,Canada,and South America
3109 Lomita Boulevard, Torrance, CA 90505,USA
Telephone : 1-310-325-8860
Facsimile : 1-310-325-8867