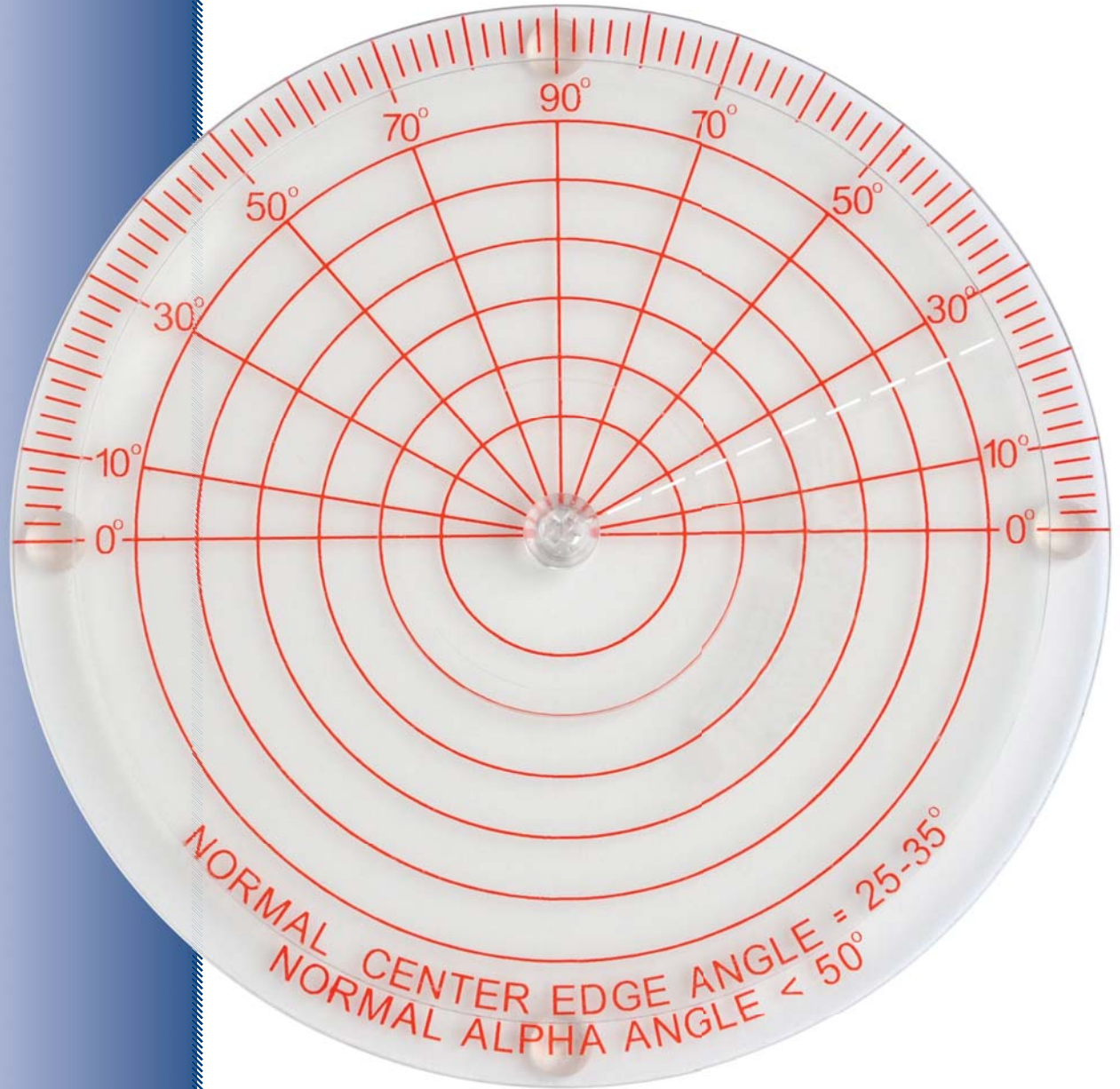


Hurst Alpha Angle Tool

Designed by Jason M Hurst, MD

Used for the quick measurement of the alpha angle and lateral center-edge angle from both plain hip radiographs or digital images displayed on a computer monitor



PRODUCT NO:

2018
Diameter: 4.5"

MADE
IN USA

See reverse side (page 2)
for basic instructions

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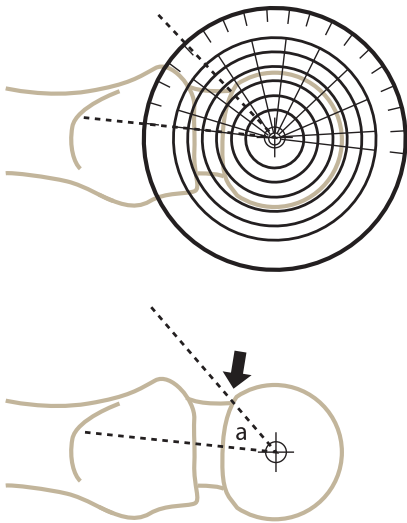
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To measure the alpha angle from lateral radiographs

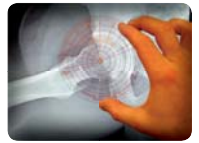
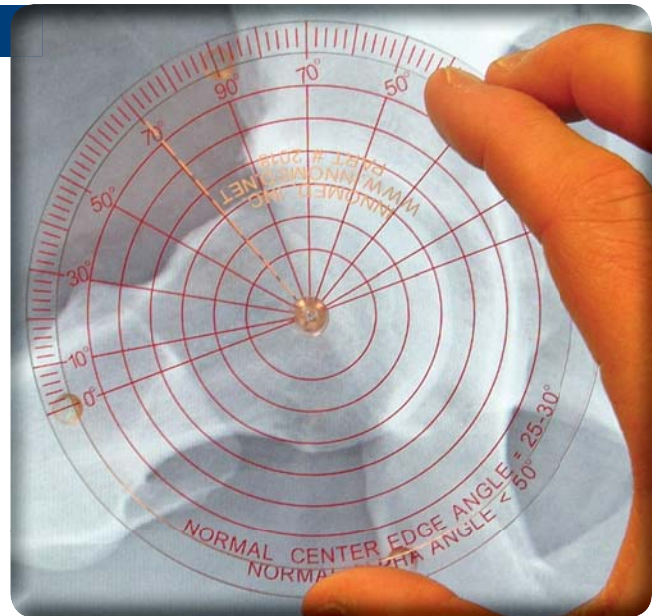


The device is held up to the computer monitor or light box with the center screw of the tool placed in the center of the femoral head. The concentric circles are used as a "perfect circle" reference for the femoral head so that the center screw can be placed in the absolute center.

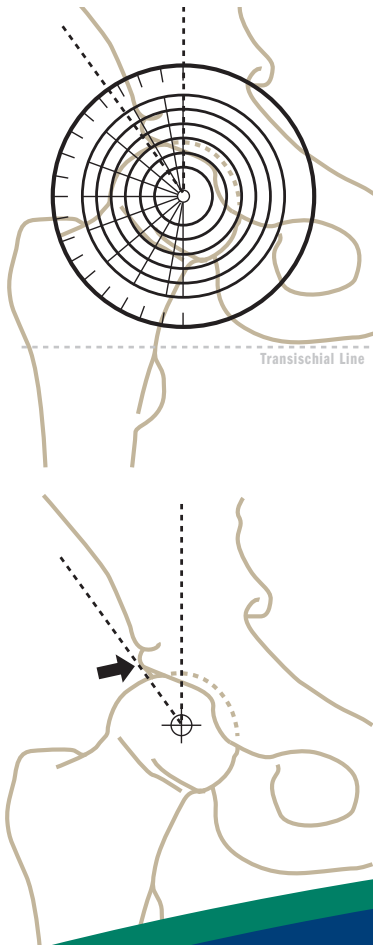
The "0 degree line" is then placed down the center of the femoral neck.

The outer disc with the dashed line is then rotated until it first intersects with the region of femoral head asphericity—where the head begins to go "out of round."

The corresponding angle measurement is the representative alpha angle.



To measure the lateral center-edge angle from AP radiographs

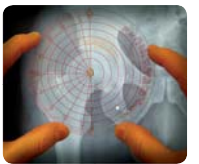
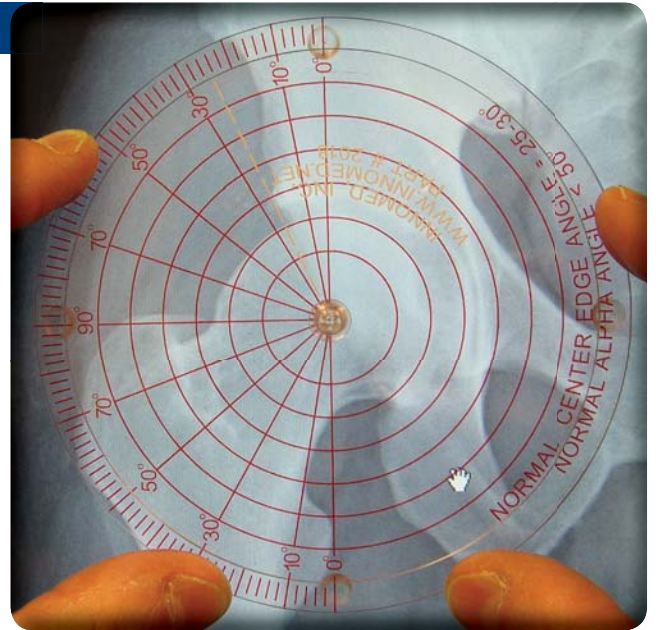


The center screw of the tool is placed in the center of the femoral head using the concentric circles to center the device.

The "0 degree line" is then directed vertically on the pelvis, with the 90 degree line parallel to the transischial line.

The outer disc with the dashed line is rotated until it intersects with the lateral edge of the acetabular rim.

The corresponding angle measurement is the representative lateral center-edge angle.



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