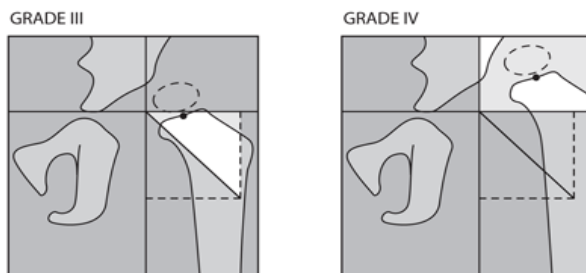
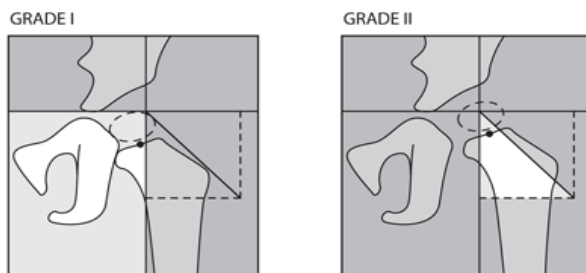
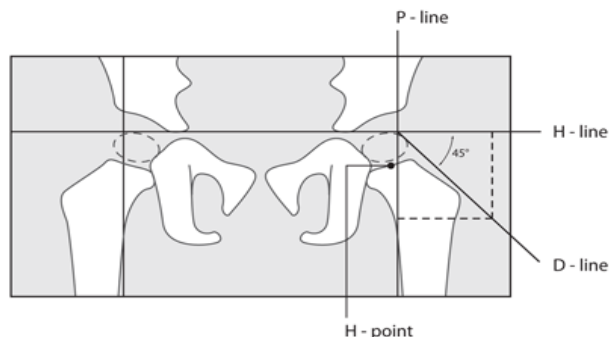


Reliability of a New Radiographic Classification for Developmental Dysplasia of the Hip *

IHDI classification for DDH

(not requiring the presence of an ossific nucleus).

- H-line is Hilgenreiner's line drawn through the top of the tri-radiate cartilages bilaterally.
- P-line is Perkin's line drawn perpendicular to the H-line at the superolateral margin of the acetabulum.
- D-line is diagonal line drawn 45 degrees from the junction of H-line and P-line.
- H-point is the midpoint of the superior margin of the ossified metaphysis.



Grade I: the H-point is at or medial to the P-line.

Grade II: the H-point is lateral to the P-line and at or medial to the D-line.

Grade III: the H-point is lateral to the D-line and at or inferior to the H-line.

Grade IV: the H-point is superior to the H-line.

The IHDI method of classification has excellent inter-rater reliability, both among experts and novices, and is more widely applicable than the Tönnis method as it can be applied even when the ossification centre is absent.

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