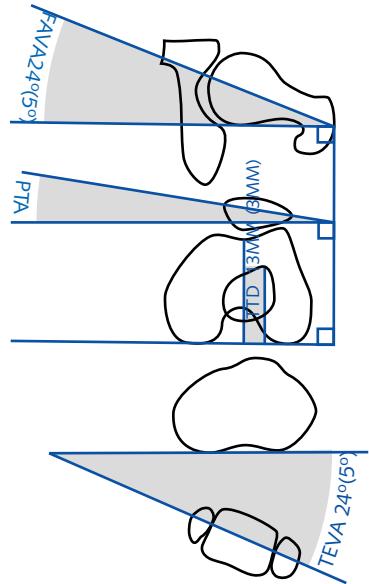
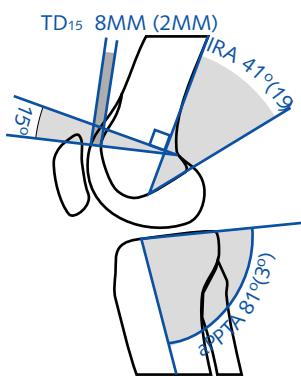


## ANATOMICAL ANGLES OF THE LOWER EXTREMITY

CT-LOWER EXTREMITIES



X-KNEE LATERAL

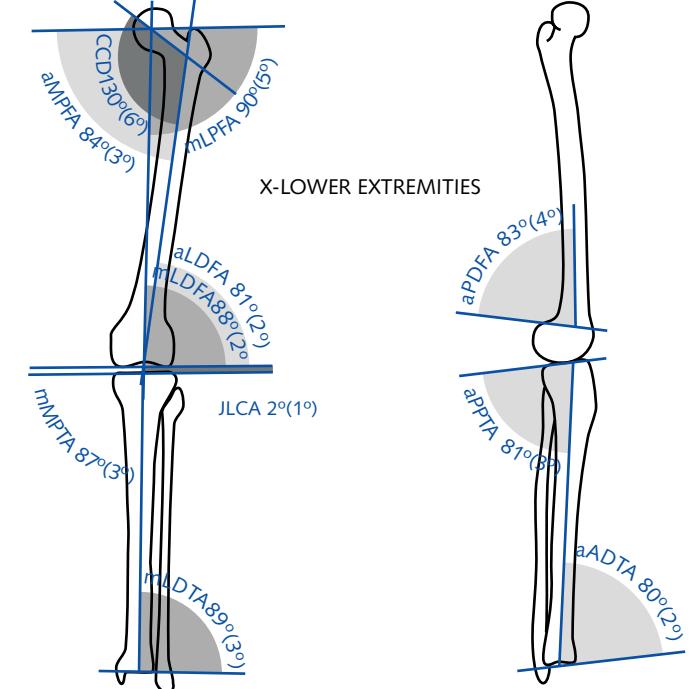


SPONSORED BY

 **SYNTHESES®**

abbr	name	mean	(SD)	ref
FAVA	Femoral AnteVersion Angle	16°	7°	8
PTA	Patellar Tilt Angle	16°	3°	4
TTD	Tuberosity Trochlea Distance	13mm	3mm	4
TEVA	Tibial External Version Angle	24°	5°	8
TD15	Trochlear Depth at 15°	8mm	2mm	4
IRA	Intercondylar Roof Angle	41°	19°	9
aPPTA	anatomical Posterior Proximal Tibial Angle	81°	3°	5

## ANATOMICAL ANGLES OF THE LOWER EXTREMITY



X-LOWER EXTREMITIES

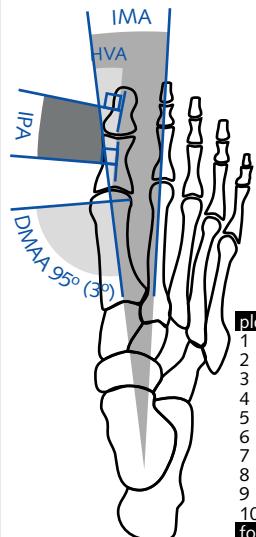
abbr	name	mean	(SD)	ref
aPDFA	anatomical Posterior Distal Femur Angle	83°	4°	5
aPTA	anatomical Posterior Proximal Tibial Angle	81°	3°	5
aADTA	anatomical Anterior Distal Tibial Angle	80°	2°	5
CCDA	Center Collum Diaphysis Angle	130°	6°	5
mLPFA	mechanical Lateral Proximal Femoral Angle	90°	5°	5
aMPFA	anatomical Medial Proximal Femoral Angle	84°	5°	5
aLDFA	anatomical Lateral Distal Femoral Angle	81°	2°	5
mLDFA	mechanical Lateral Distal Femoral Angle	88°	3°	5
JLCA	Joint Line Congruency Angle	2°	1°	5
mMPTA	mechanical Medial Proximal Tibial Angle	87°	3°	5
mLDTA	mechanical Lateral Distal Tibial Angle	89°	3°	5

HOLLA'S ORTHOPAEDIC POCKETCARDS © 2005

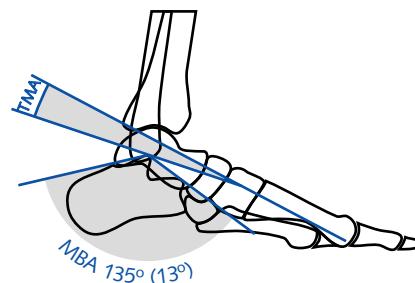
HOLLA'S ORTHOPAEDIC POCKETCARDS © 2005

## ANATOMICAL ANGLES OF THE LOWER EXTREMITY

X-FOOT AP (STANDING)



X-FOOT LATERAL (STANDING)



please read these references before the use of this card

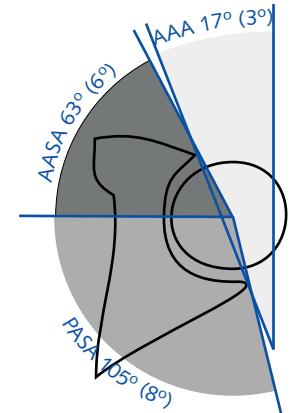
- 1 Anda, Acetabular CVT measurements.. 1991
  - 2 Berquist, Radiology of the Foot and Ankle 1987
  - 3 Coughlin, surgery of the Foot and Ankle 1994
  - 4 Dejour, Factors of patella instability.. 1994
  - 5 Paley, Principles of Deformity Correction.. 2003
  - 6 Fredernsborg, the CE Angle of normal hips.. 1978
  - 7 Gentili, Pictorial review: Foot axes and angles 1996
  - 8 van Heerwaarden, Derotation osteotomy.. 2003
  - 9 Howell, the slope of the intercondylar roof.. 1998
  - 10 Tonnis, Abrenzung normaler Huftpannendach.. 1968
- for more cards and information: [www.pocketcards.org](http://www.pocketcards.org)

abbr	name	mean	(SD)	ref
AAA	Acetabular Anteversion Angle	17°	3°	8
AASA	Anterior Acetabular Sector Angle	63°	6°	1
PASA	Posterior Acetabular Sector Angle	105°	8°	1
CEA	Centre Edge Angle	35°	6°	6
CCDA	Center Collum Diaphysis Angle	130°	6°	5
AA	Acetabular Angle	modified chart		10

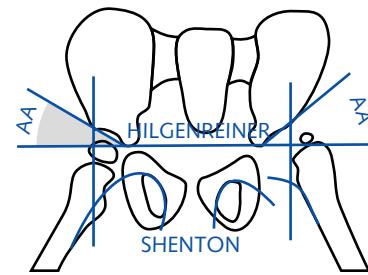
abbr	name	mean	(SD)	ref
IMA	InterMetatarsal Angle	10°	2°	7
DMAA	Distal Metatarsal Articular Angle	93°	3°	7
HVA	Hallux Valgus Angle	10°	5°	7
IPA	InterPhalangeal Angle	5°	5°	7
MBA	Metatarsal Break Angle (Böhler's Angle)	35°	13°	2
TMA	Talar Metatarsal Angle	4°	4°	3

## ANATOMICAL ANGLES OF THE LOWER EXTREMITY

CT-HIP (LEVEL TIP TROCHANTER)



X-PELVIS AP (CHILD)



### ACETABULAR ANGLE INDEX

