

Angell Hospital

München Showroom

WR-3D Mess-Report

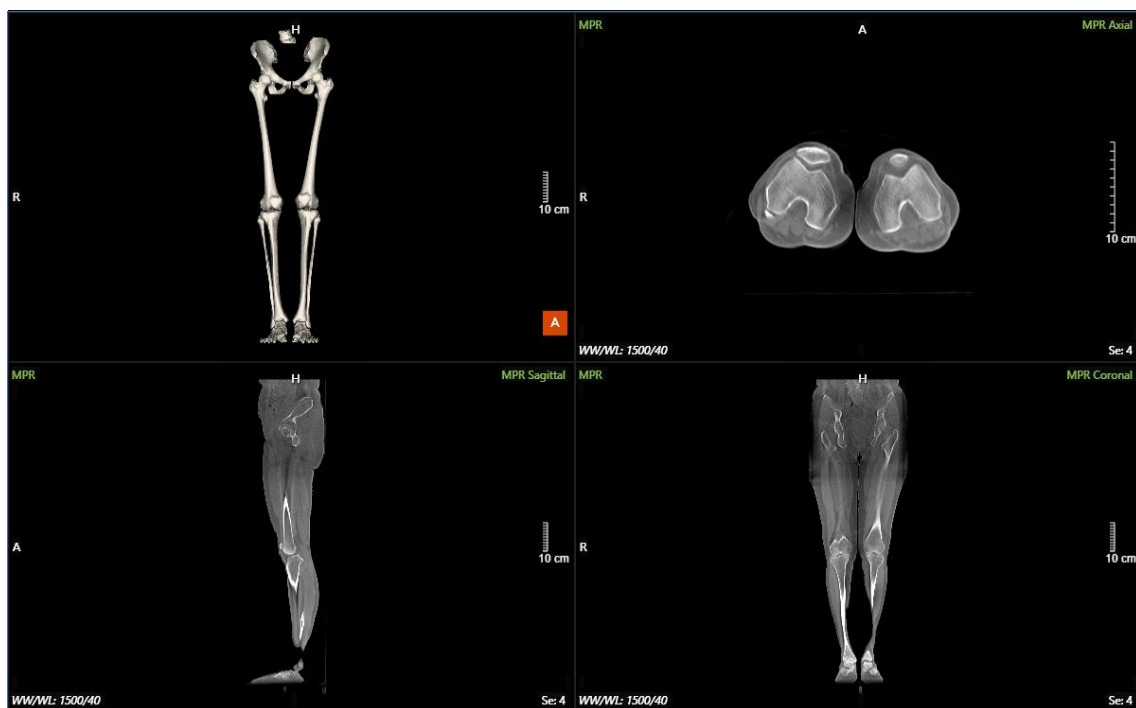


Name	
ID	0004026
Geschlecht	Female
Alter	63Y
Körperteil	Full Leg
Anlage	ANGELL WR-3D System
Datum Studie	2025/10/20

ID: 0004026

2025/10/20

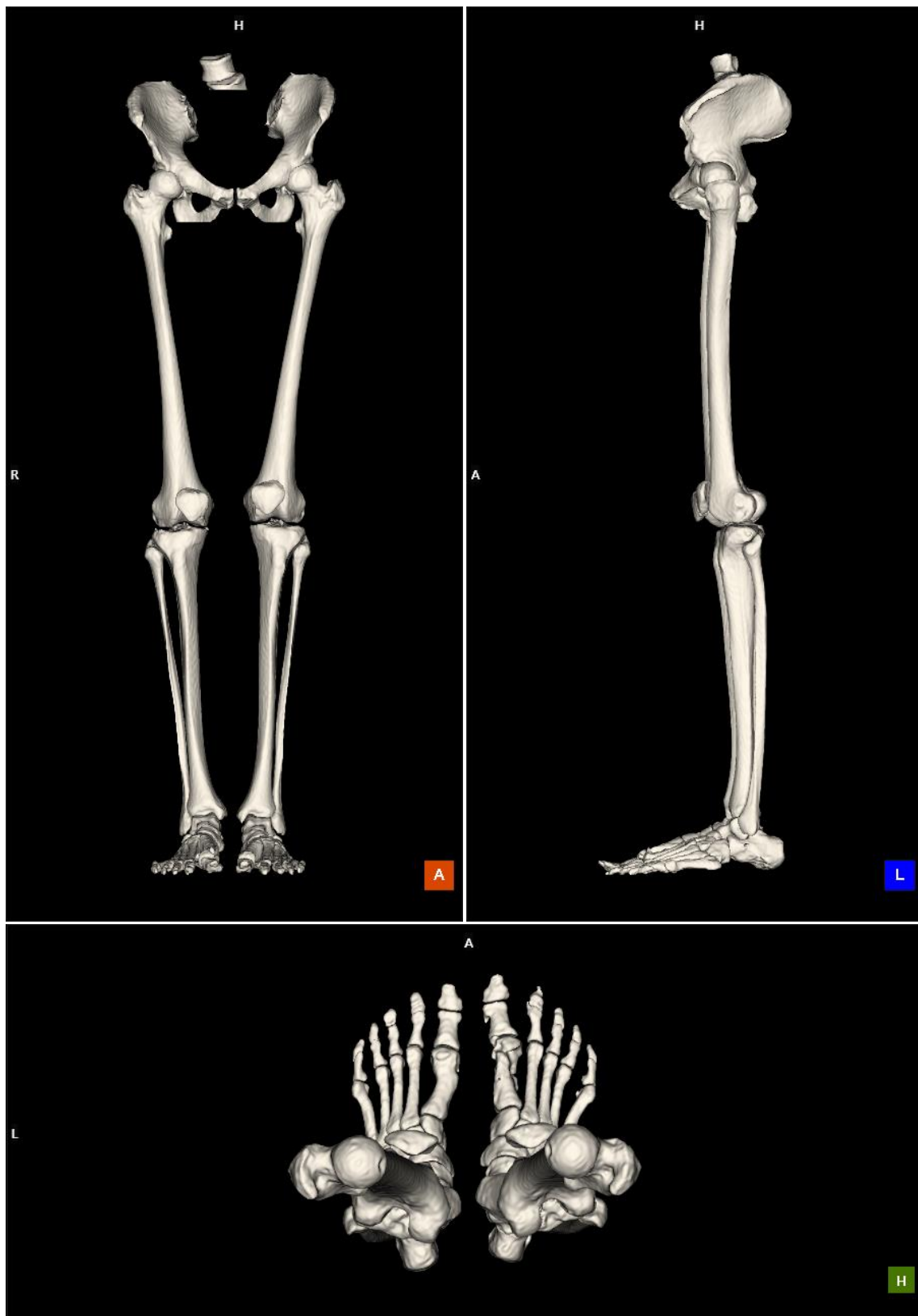
MPR Darstellung



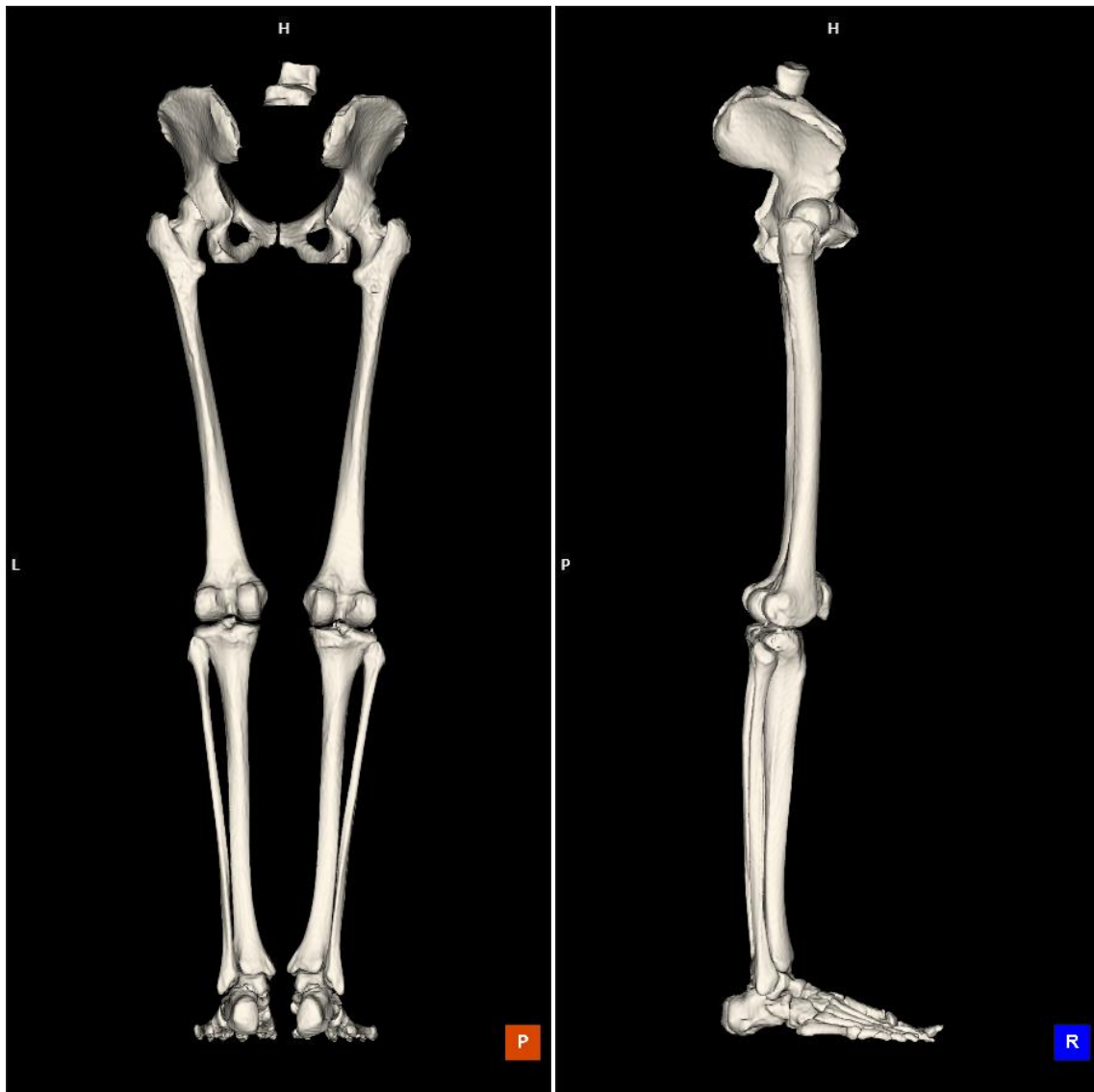
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2025/10/20

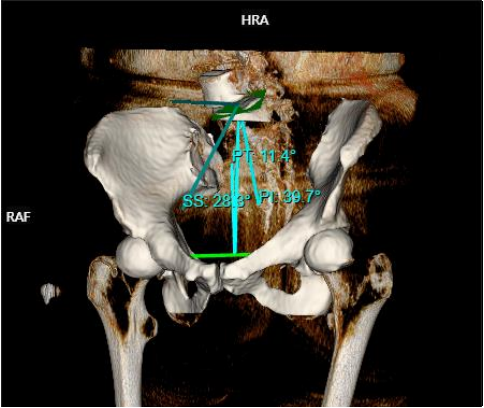
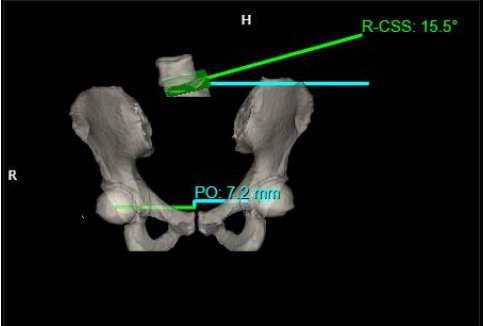
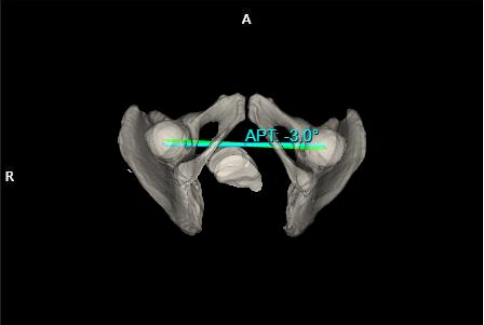
Skelett Darstellung



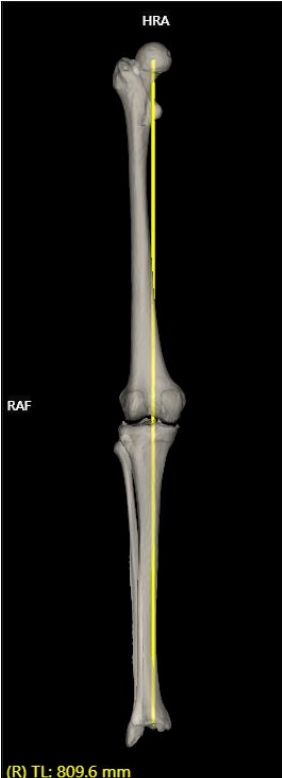
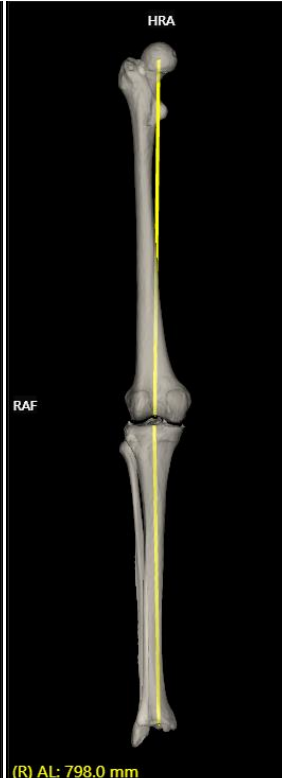
Skelett Darstellung



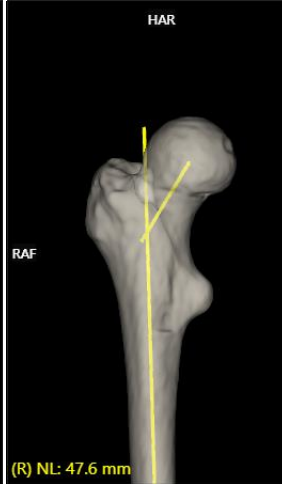
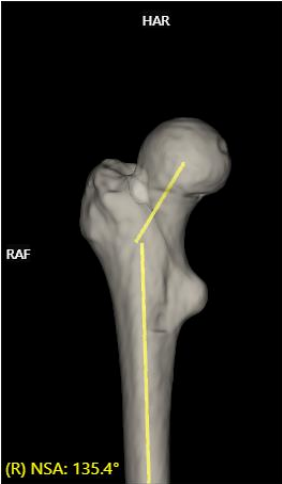
Full Leg Parameters (Pelvic Parameters)

Name	Value	Image
Pelvic Incidence (PI)	39.7°	
Sacral Slope (SS)	28.3°	
Pelvic Tilt (PT)	11.4°	
Coronal Sacral Slope (CSS)	15.5° (Right)	
Pelvic Obliquity (PO)	7.2 mm (Right)	
Axial Pelvic Tilt (APT)	3.0° (CCW)	

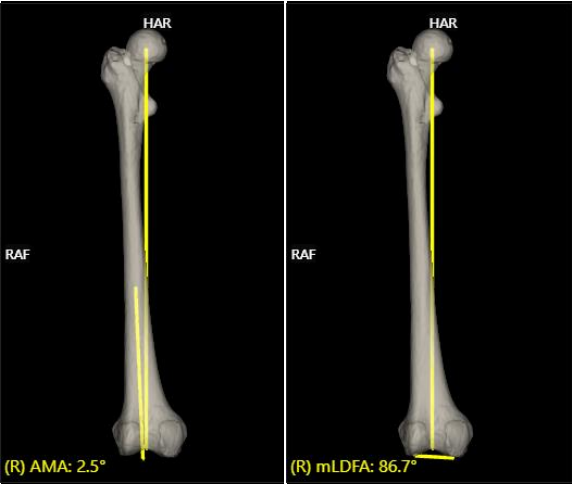
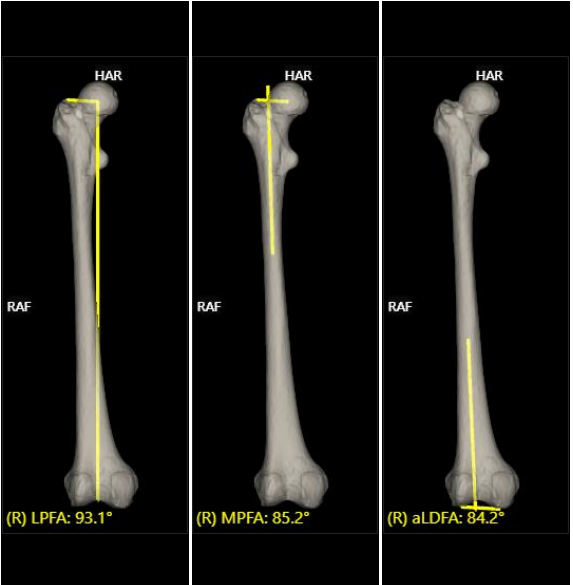
Full Leg Parameters (Lower Limb Length)

Name	Value		Image	
Femur Length (F)	Right: 432.9 mm	Left: 434.9 mm		
Tibia Length (T)	Right: 365.1 mm	Left: 371.4 mm		
Functional Length (TL)	Right: 809.6 mm	Left: 819.6 mm		
Anatomic Length (AL)	Right: 798.0 mm	Left: 806.3 mm		

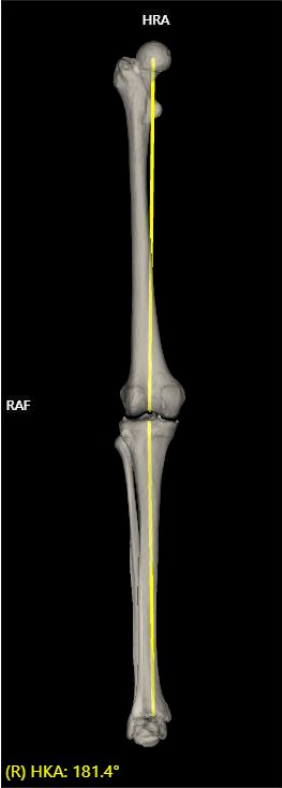
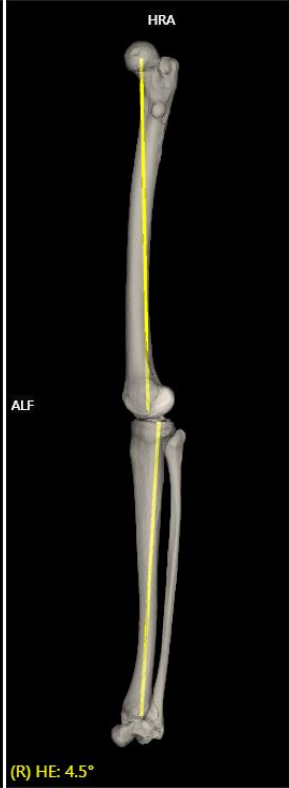
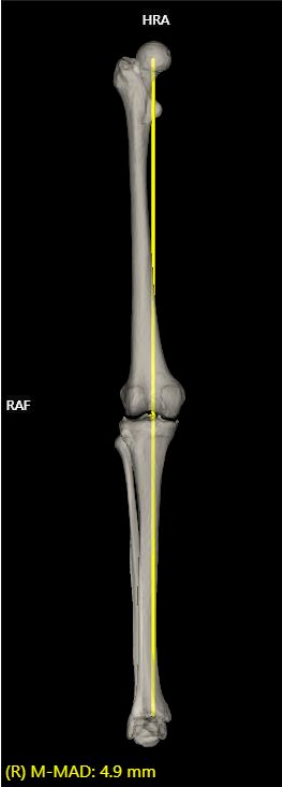
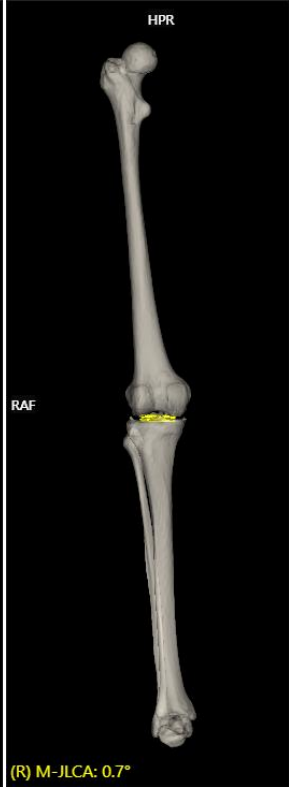
Full Leg Parameters (Femoral Parameters)

Name	Value		Image	
Femoral Head Diameter (FHD)	Right: 43.9 mm	Left: 44.0 mm		
Femoral Neck Length (NL)	Right: 47.6 mm	Left: 52.0 mm		
Femoral Neck Shaft Angle (NSA)	Right: 135.4°	Left: 136.6°		
Femoral Offset (FO)	Right: 33.7 mm	Left: 36.1 mm		

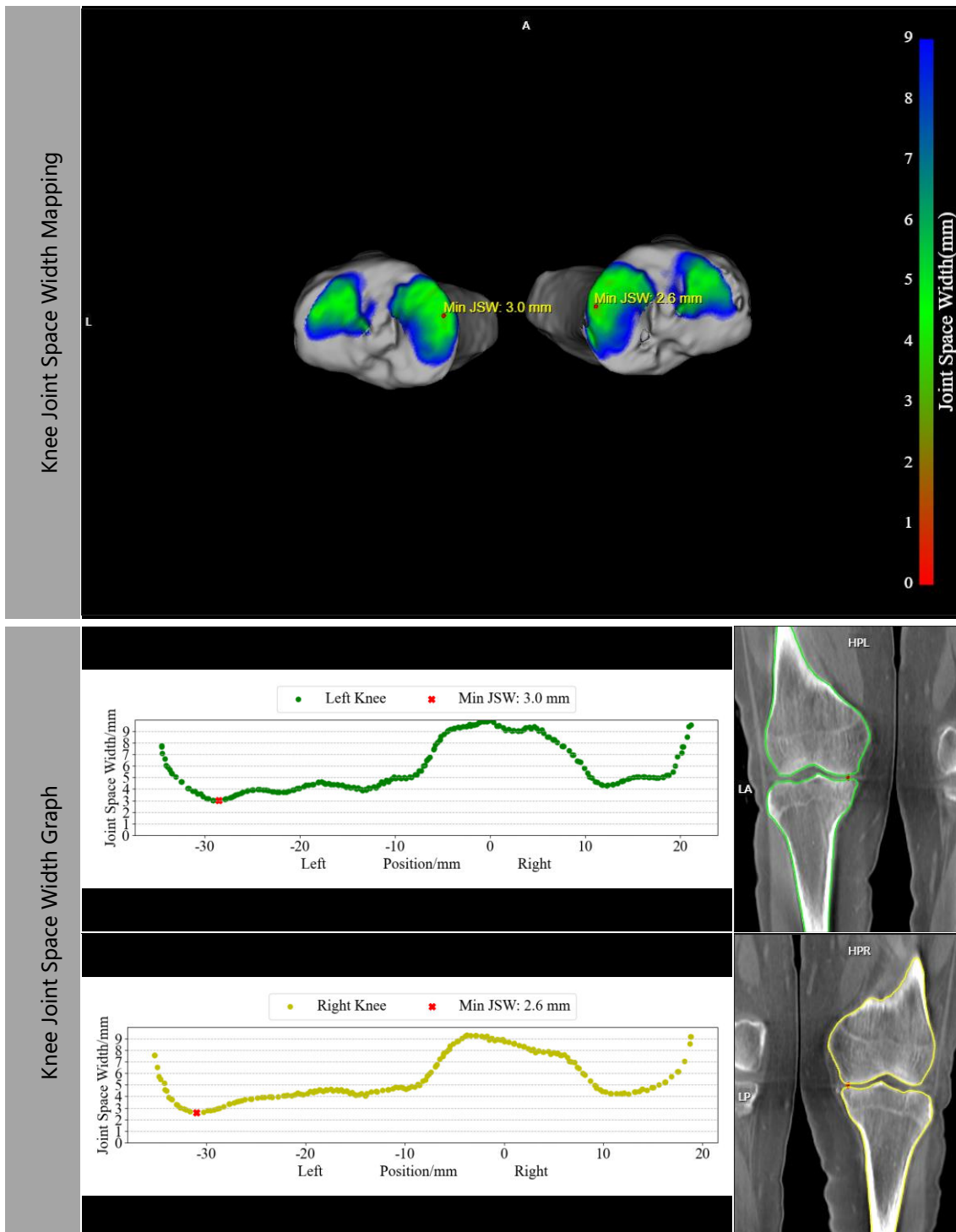
Full Leg Parameters (Femoral Parameters)

Name	Value		Image		
Anatomic-Mechanical Angle (AMA)	Right: 2.5°	Left: 2.7°			
Mechanical Lateral Distal Femoral Angle (mLDFA)	Right: 86.7°	Left: 84.6°			
Lateral Proximal Femoral Angle (LPFA)	Right: 93.1°	Left: 93.6°			
Medial Proximal Femoral Angle (MPFA)	Right: 85.2°	Left: 82.3°			
Anatomic Lateral Distal Tibial Angle (aLDFA)	Right: 84.2°	Left: 82.0°			

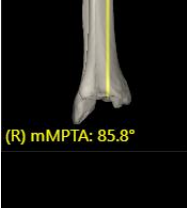
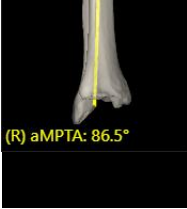
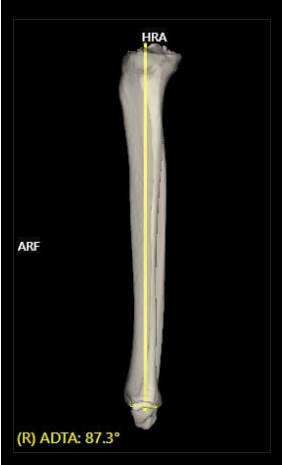
Full Leg Parameters (Knee Parameters)

Name	Value		Image	
Hip-Knee-Ankle Angle (HKA)	Right: 181.4°	Left: 179.1°		
Fixed Flexion Deformity / Hyperextension (FFD/HE)	Right: 4.5° (Extension)	Left: 2.8° (Extension)		
Mechanical Axis Deviation (MAD)	Right: 4.9 mm (Medial)	Left: 3.1 mm (Lateral)		
Joint Line Convergence Angle (JLCA)	Right: 0.7° (Valgus)	Left: 0.4° (Valgus)		

Full Leg Parameters (Charts of Knee Joint Space Width)



Full Leg Parameters (Tibial Parameters)

Name	Value		Image		
Mechanical Lateral Distal Tibial Angle (mLDTA)	Right: 87.5°	Left: 88.9°			
Mechanical Medial Proximal Tibial Angle (mMPTA)	Right: 85.8°	Left: 85.7°			
Anatomic Medial Proximal Tibial Angle (aMPTA)	Right: 86.5°	Left: 86.9°			
Posterior Proximal Tibial Angle (PPTA)	Right: 85.7°	Left: 86.9°			
Anterior Distal Tibial Angle (ADTA)	Right: 87.3°	Left: 83.8°			

Full Leg Parameters (Torsion Angle)

Name	Value		Image		
Femoral Neck Anteversion (FNA)	Right: 36.6° (Anteversion)	Left: 25.2° (Anteversion)			
Tibial Torsion Angle (TTA)	Right: 22.1° (Lateral)	Left: 19.8° (Lateral)			
Femoral Tibial Torsion Angle (FTT)	Right: 2.1° (Medial)	Left: 1.3° (Medial)			