

Appendix

DATA CAPTURING SHEET

BASICS

Biomechanical Analysis of stainless Steel In Children with femoral Shaft fractures

Establishing the load to failure in stainless steel elastic nail fixation of a paediatric femur model and correlating this with the maximum patient weight

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Sagittal bending “length stable fracture”

	Specimen 1	Specimen 2	Specimen 3	Specimen 4	Specimen 5
Yield load (N)					
Sagittal angulation after failure					
Sagittal angulation after removal of load					
Bending stiffness (N/mm).					
Bending moment (Nm)					

Coronal bending “length stable fracture”

	Specimen 1	Specimen 2	Specimen 3	Specimen 4	Specimen 5
Yield load (N)					
Coronal angulation after failure					
Coronal angulation after removal of load					
Bending stiffness (N/mm).					
Bending moment (Nm)					

