

Table 1: Dimensions, types, material and number of proximal screws of the six intramedullary nails tested.

	Manufacturer	Dimensions	Nail profile	Type of material	Number and directions of proximal screws	
Group A	Dynamic T, Citieffe (Bologna, Italy)	9 x 335	Cannulated	Titanium alloy	3	2 lateral, 1 anteroposterior
Group B	Targon T, B-Braun Aesculap (Tuttlingen, Germany)	9 x 360	Solid	Titanium alloy	2	2 lateral
Group C	OrthoSelect Interlocking Nail system (Wurmlingen, Germany)	9 x 345	Cannulated	Stainless steel	2	2 lateral
Group D	Orthofix Tibial nailing system (Verona, Italy)	9 x 350	Solid	Stainless steel	2	2 oblique
Group E	T2, Tibial nailing system, Stryker (Schönkirchen, Germany)	9 x 360	Cannulated	Titanium alloy	3	2 oblique, 1 lateral
Group F	Expert Tibial Nail, Depuy Synthes (Oberdorf, Switzerland)	9 x 345	Cannulated	Titanium alloy	5	2 oblique, 2 lateral, 1 anteroposterior

Dimensions: diameter x length in mm.