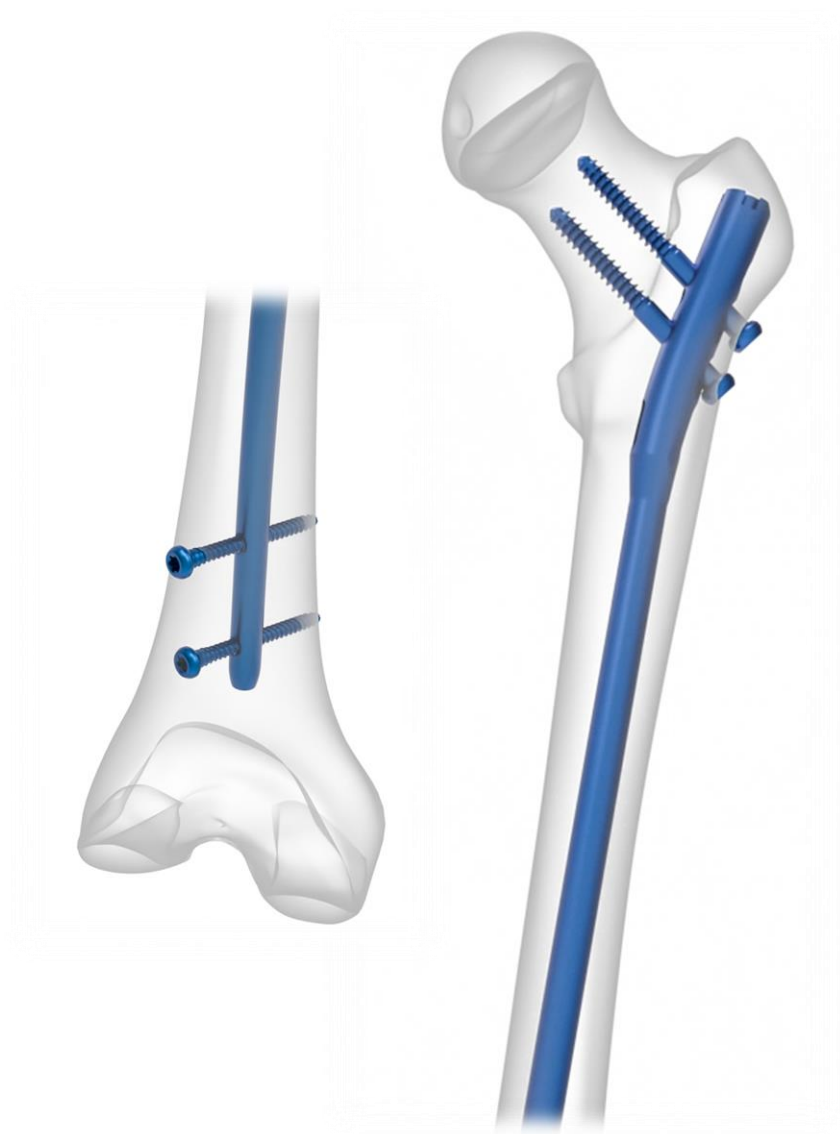


MERU

Adolescent Lateral Entry Femoral Nailing System



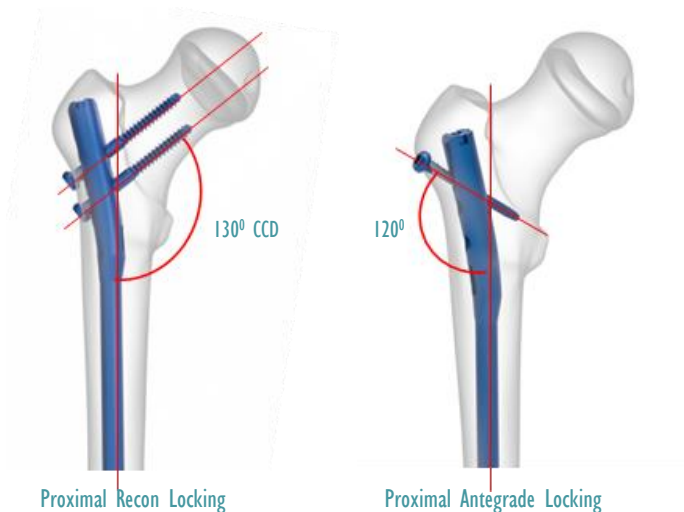
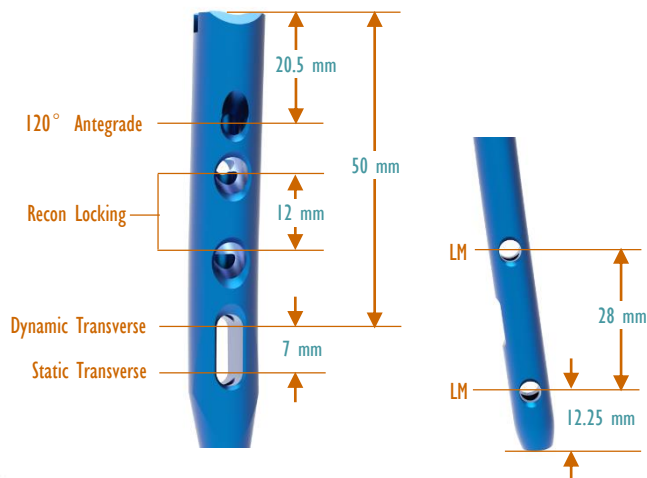
INTRODUCTION

Intramedullary nailing is a common mode of fixation in older children and adolescents. The rigid intramedullary locking nail is a preferred choice over flexible nails in overweight patients and children older than 11 years of age. The rigid intramedullary interlocking nail is a valuable option for the fixation of femoral shaft fractures in an adolescent age group with the advantages of decreased soft tissue stripping, low incidence of mal-alignment, leg length discrepancy, early ambulation, and decreased hospital stay. The rigid nails are preferred in patients with an age greater than 11 years, obese patients with a body weight greater than 49 kg, and unstable and comminuted fractures.

The MERU™ Adolescent Lateral Entry Femoral Nail is intended for use in adolescents and small stature adults where Titanium Elastic Nails are not large enough and the MAKALU™ Expert Lateral Femoral Nail for adults is too large.

System Features & Technical Specification

- Design accommodates a lateral entry site through the greater trochanter
- Anatomic nail design
- 8.5 mm, 9.0 mm, 9.5 mm and 10.0 mm diameter nails with 11.2 mm diameter proximal ends
- Nail length from 240 mm to 400 mm in 20 mm increments
- Proximal recon locking option with 130° CCD
- 120° antegrade proximal locking option



- Proximal nail with dynamization slot (LM)
- Distal nail with two transverse locking holes (LM)
- 5.0 mm recon screws length from 50 mm to 125 mm in 5 mm increments

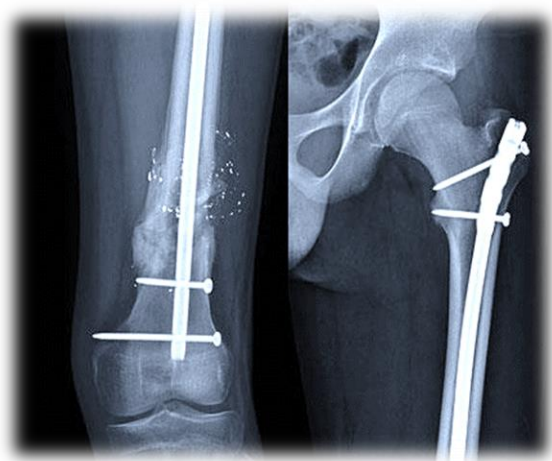


- 5 mm, 10 mm, and 15 mm end caps extend nail height if the nail is over-inserted
- Accurate and fast mechanical aiming device for distal locking
- Titanium alloy for strength, flexibility and biocompatibility

Indications

The MERU™ Adolescent Lateral Entry Femoral Nailing System is indicated for use in adolescent and small-stature adult patients to stabilize:

- Fractures of the femoral shaft
- Subtrochanteric fractures
- Ipsilateral neck/shaft fractures
- Impending pathologic fractures
- Non-unions and mal-unions



IMPLANT INFORMATION

[Material in Titanium Alloy (Ti-6Al-4V)]

MERU™ Adolescent Lateral Entry Femoral Nails



DIA (mm)	LEN (mm)	LEFT (TIT)	RIGHT (TIT)
8.5	240	MOI 31192240	MOI 31193240
8.5	260	MOI 31192260	MOI 31193260
8.5	280	MOI 31192280	MOI 31193280
8.5	300	MOI 31192300	MOI 31193300
8.5	320	MOI 31192320	MOI 31193320
8.5	340	MOI 31192340	MOI 31193340
8.5	360	MOI 31192360	MOI 31193360
8.5	380	MOI 31192380	MOI 31193380
8.5	400	MOI 31192400	MOI 31193400
9.0	240	MOI 31194240	MOI 31195240
9.0	260	MOI 31194260	MOI 31195260
9.0	280	MOI 31194280	MOI 31195280
9.0	300	MOI 31194300	MOI 31195300
9.0	320	MOI 31194320	MOI 31195320
9.0	340	MOI 31194340	MOI 31195340
9.0	360	MOI 31194360	MOI 31195360
9.0	380	MOI 31194380	MOI 31195380
9.0	400	MOI 31194400	MOI 31195400
9.5	240	MOI 31196240	MOI 31197240
9.5	260	MOI 31196260	MOI 31197260
9.5	280	MOI 31196280	MOI 31197280
9.5	300	MOI 31196300	MOI 31197300
9.5	320	MOI 31196320	MOI 31197320
9.5	340	MOI 31196340	MOI 31197340
9.5	360	MOI 31196360	MOI 31197360
9.5	380	MOI 31196380	MOI 31197380
9.5	400	MOI 31196400	MOI 31197400
10.0	240	MOI 31198240	MOI 31199240
10.0	260	MOI 31198260	MOI 31199260
10.0	280	MOI 31198280	MOI 31199280
10.0	300	MOI 31198300	MOI 31199300
10.0	320	MOI 31198320	MOI 31199320
10.0	340	MOI 31198340	MOI 31199340
10.0	360	MOI 31198360	MOI 31199360
10.0	380	MOI 31198380	MOI 31199380
10.0	400	MOI 31198400	MOI 31199400



MERU™ End Cap

REF (TIT)	SIZES
MOI 31200000	0
MOI 31200005	5
MOI 31200010	10
MOI 31200015	15

MERU™ Recon Screws 5.0 mm



REF (TIT)	DIA (mm)	LEN (mm)
MOI 31201050	5.0	50
MOI 31201055	5.0	55
MOI 31201060	5.0	60
MOI 31201065	5.0	65
MOI 31201070	5.0	70
MOI 31201075	5.0	75
MOI 31201080	5.0	80
MOI 31201085	5.0	85
MOI 31201090	5.0	90
MOI 31201095	5.0	95
MOI 31201100	5.0	100
MOI 31201105	5.0	105
MOI 31201110	5.0	110
MOI 31201115	5.0	115
MOI 31201120	5.0	120
MOI 31201125	5.0	125

MERU™ Distal Locking Screw 4.0 mm



REF (TIT)	DIA (mm)	LEN (mm)
MOI 31202018	4.0	18
MOI 31202020	4.0	20
MOI 31202022	4.0	22
MOI 31202024	4.0	24
MOI 31202026	4.0	26
MOI 31202028	4.0	28
MOI 31202030	4.0	30
MOI 31202032	4.0	32
MOI 31202034	4.0	34
MOI 31202036	4.0	36
MOI 31202038	4.0	38
MOI 31202040	4.0	40
MOI 31202042	4.0	42
MOI 31202044	4.0	44
MOI 31202046	4.0	46
MOI 31202048	4.0	48
MOI 31202050	4.0	50
MOI 31202052	4.0	52
MOI 31202054	4.0	54
MOI 31202056	4.0	56
MOI 31202058	4.0	58
MOI 31202060	4.0	60
MOI 31202062	4.0	62
MOI 31202064	4.0	64
MOI 31202066	4.0	66
MOI 31202068	4.0	68
MOI 31202070	4.0	70
MOI 31202072	4.0	72
MOI 31202074	4.0	74
MOI 31202076	4.0	76
MOI 31202078	4.0	78
MOI 31202080	4.0	80



| TRAUMA

USA OFFICE

2711 S Ocean Dr.
Unit 2704
Hollywood, FL 33019

PUERTO RICO OFFICE

1660 Santa Ana Street
Esq. Fidalgo Diaz,
San Juan, Puerto Rico 00909

E-mail: info@madisonorthoinc.com
Website: www.madisonorthoinc.com

