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Multi Functional Retrograde Femur Nail

Engineered for Reliable Proximal Femur Stabilization



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Femur



Begins with a Stable Femur



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Proximal Femur Compression Screw Nail



Product Overview

The Multi Functional Retrograde Femur Nail is intended for fixation of distal femoral and femoral shaft fractures through a retrograde insertion technique. The system provides multiple locking configurations and advanced fixation options to address simple, complex, osteoporotic, and peri-articular fracture patterns while promoting early mobilization and stable fracture healing.

The implant is designed to offer excellent biomechanical stability with multidirectional distal locking and optimized implant geometry.



Intended Use

The Multi Functional Retrograde Femur Nail is indicated for temporary fixation and stabilization of fractures of the femur where intramedullary fixation is appropriate.

Indications Include:

► Distal Femur Fractures

- Supracondylar femur fractures
- Intercondylar femur fractures
- Extra-articular distal femur fractures
- Intra-articular distal femur fractures (with supplementary fixation)

► Femoral Shaft Fractures

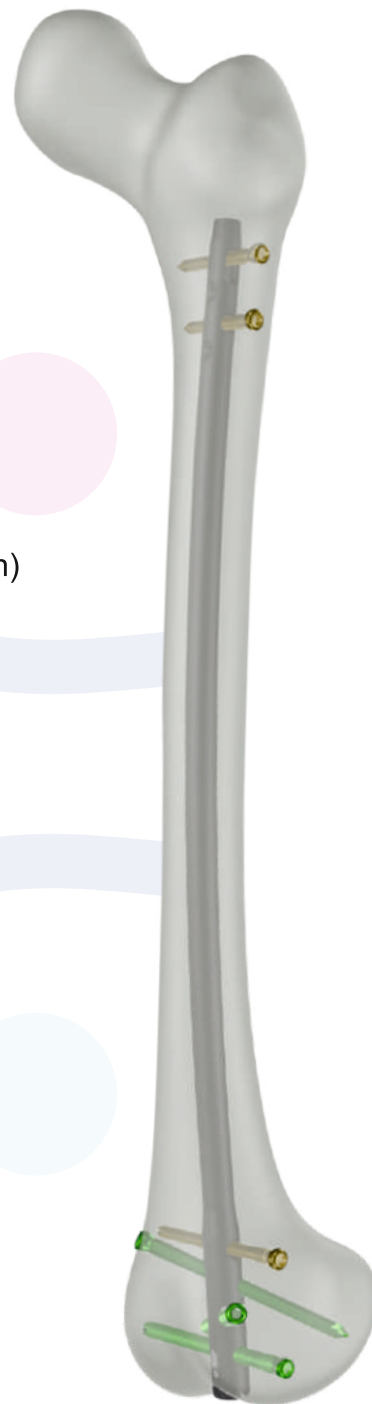
- Midshaft femur fractures
- Distal third femoral shaft fractures
- Segmental femoral fractures
- Comminuted femoral fractures

► Special Applications

- Periprosthetic fractures above total knee arthroplasty
- Pathological fractures
- Impending pathological fractures
- Malunion correction
- Nonunion treatment
- Polytrauma patients requiring stable fixation
- Osteoporotic distal femur fractures

► Trauma Applications

- Open fractures (after appropriate wound management)
- Closed fractures
- Fractures associated with multiple injuries

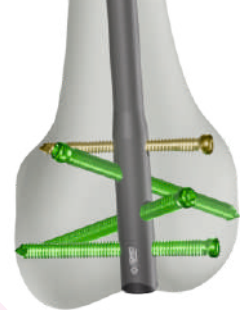




Advanced Design Features

► Multiple Distal Locking Configuration

Multiple distal screw options provide enhanced fixation in the distal femoral metaphysis and condyles.



► Multiplanar Screw Placement

Locking screws can be inserted in multiple planes to improve construct stability and resistance to rotational forces.



► Anatomical Nail Geometry

Optimized nail curvature matches femoral anatomy, facilitating insertion and reducing stress concentration.



► Enhanced Distal Fixation

High-density distal locking cluster improves fixation in short distal fragments.

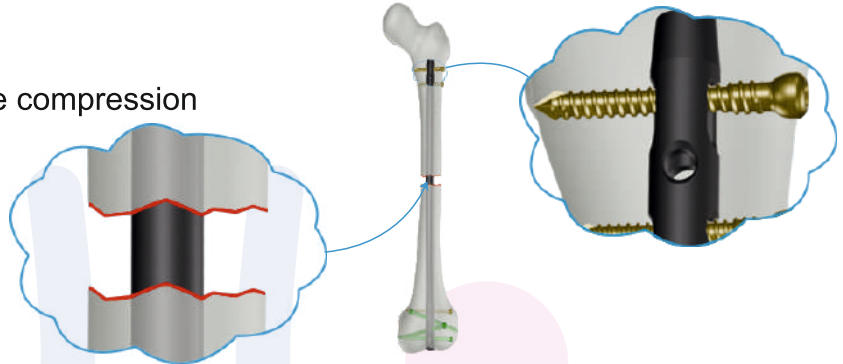




Advanced Design Features

► Compression Capability

System allows controlled fracture compression where clinically indicated.



► Minimally Invasive Technique

Retrograde insertion minimizes soft tissue disruption and preserves fracture biology.



► Rotational Stability

Multiple locking options provide resistance against rotational displacement.



► Osteoporotic Bone Support

Multiple fixation points improve screw purchase in compromised bone quality.



HEALTHY
BONE



OSTEOPOROSIS
BONE





GMP160 - Multi Functional Retrograde Femur Nail System-Universal



Diameter	Product code Titanium	Length
9	GMP160.200920	200
9	GMP160.200924	240
9	GMP160.200928	280
9	GMP160.200932	320
9	GMP160.200936	360
9	GMP160.200940	400
10	GMP160.201020	200
10	GMP160.201024	240
10	GMP160.201028	280
10	GMP160.201032	320
10	GMP160.201036	360
10	GMP160.201040	400
11	GMP160.201120	200
11	GMP160.201124	240
11	GMP160.201128	280
11	GMP160.201132	320
11	GMP160.201136	360
11	GMP160.201140	400
12	GMP160.201220	200
12	GMP160.201224	240
12	GMP160.201228	280
12	GMP160.201232	320
12	GMP160.201236	360
12	GMP160.201240	400



GMP288 - Ø6.5mm M.R.F.N.Screw Hex Drive



Product code Titanium	Length
GMP288.2025	25
GMP288.2030	30
GMP288.2035	35
GMP288.2040	40
GMP288.2045	45
GMP288.2050	50
GMP288.2055	55
GMP288.2060	60
GMP288.2065	65
GMP288.2070	70
GMP288.2075	75
GMP288.2080	80
GMP288.2085	85
GMP288.2090	90
GMP288.2095	95
GMP288.20100	100

GMP287 - Ø5.0mm M.R.F.N.Screw Hex Drive



Product code Titanium	Length
GMP287.2028	28
GMP287.2030	30
GMP287.2032	32
GMP287.2034	34
GMP287.2036	36
GMP287.2038	38
GMP287.2040	40
GMP287.2042	42
GMP287.2044	44
GMP287.2046	46
GMP287.2048	48
GMP287.2050	50
GMP287.2052	52
GMP287.2054	54
GMP287.2056	56
GMP287.2058	58
GMP287.2060	60
GMP287.2065	65
GMP287.2070	70
GMP287.2075	75
GMP287.2080	80





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