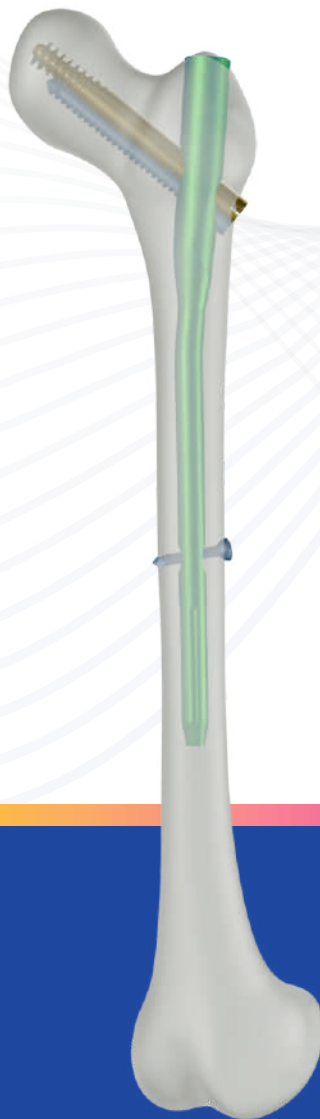




GMPTM
MediTech
Innovation for life...

Proximal Femur Compression Screw Nail

Engineered for Reliable Proximal Femur Stabilization



www.gmpmeditech.com



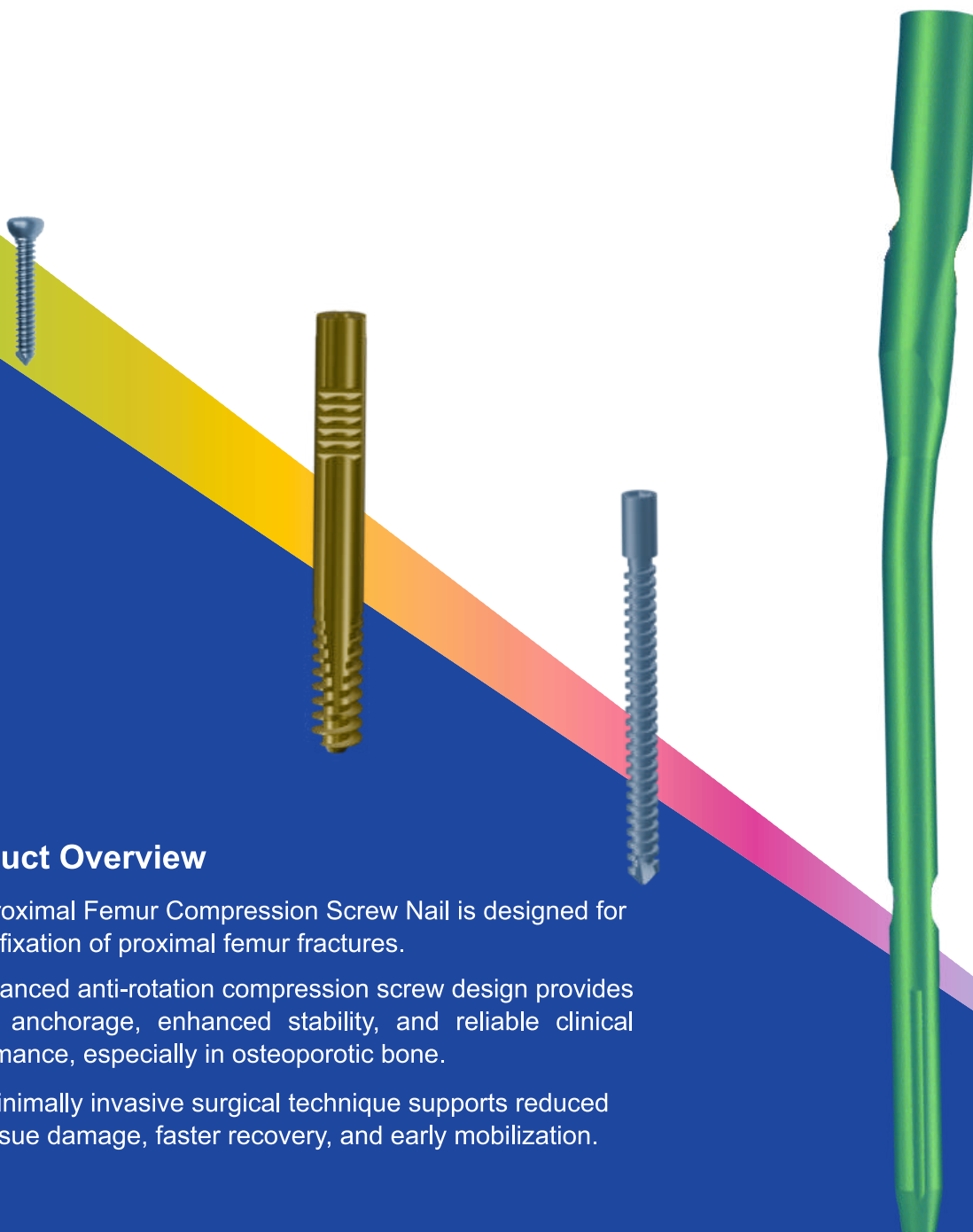
Femur



Begins with a Stable Femur



Proximal Femur Compression Screw Nail



Product Overview

The Proximal Femur Compression Screw Nail is designed for stable fixation of proximal femur fractures.

Its advanced anti-rotation compression screw design provides strong anchorage, enhanced stability, and reliable clinical performance, especially in osteoporotic bone.

The minimally invasive surgical technique supports reduced soft tissue damage, faster recovery, and early mobilization.



► Intertrochanteric fractures

Designed to provide stable fixation for fractures occurring between the greater and lesser trochanter.

► Pertrochanteric fractures

Offers reliable stabilization of fractures involving the trochanteric region of the proximal femur.

► Subtrochanteric fractures

Provides strong biomechanical support for fractures located below the lesser trochanter.

► Unstable proximal femur fractures

Helps maintain fracture reduction and rotational stability in complex fracture patterns.

► Reverse oblique fractures

Engineered to resist medial displacement and provide enhanced fixation in unstable fracture configurations.

► Osteoporotic fractures

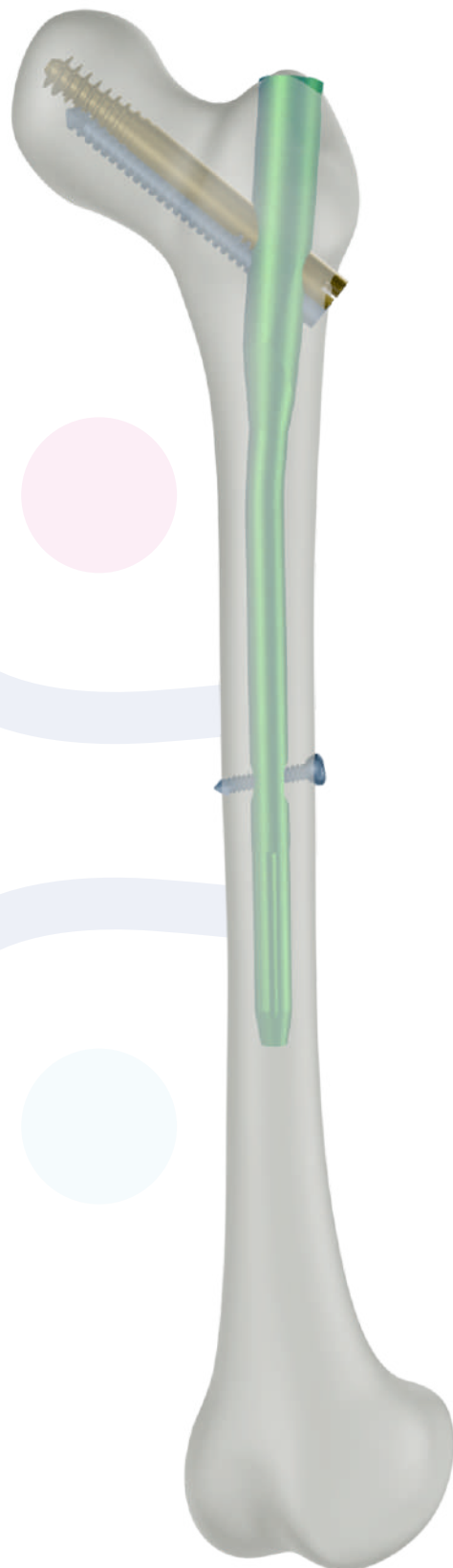
Compression screw design ensures improved bone purchase and fixation in poor-quality bone.

► Pathological fractures

Suitable for stabilization of fractures associated with weakened bone due to underlying pathology.

► Proximal femur trauma fixation

Provides effective fixation for a wide range of traumatic proximal femur fracture indications.

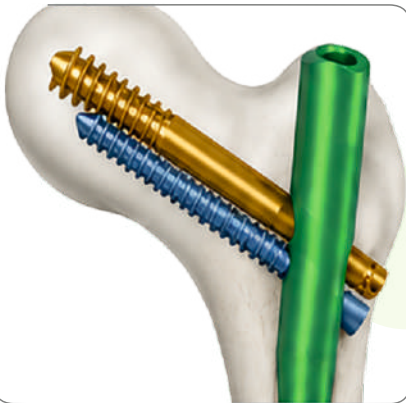




• ENGINEERED FOR STABILITY. DESIGNED FOR BETTER OUTCOMES. •

Anti-Rotation Compression Screw

Provides enhanced rotational stability and secure fixation within the femoral head.



- Prevents rotational movement of the femoral head fragment.
- Enhances construct stability.
- Reduces the risk of cut-out and loss of reduction.



Excellent Purchase In Osteoporotic Bone

Designed to achieve strong anchorage and reliable fixation in poor-quality bone.



Deep, aggressive threads maximize bone purchase in osteoporotic bone.



Anti-rotation screw engages cortical bone for additional stability.

Anatomical Nail Design

Optimized geometry facilitates easy insertion and better anatomical fit.



Pre-contoured design matches the natural anatomy.



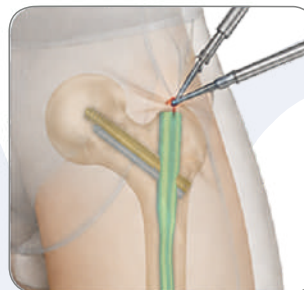
Smooth entry profile facilitates easy insertion.



Optimized geometry for a better fit and alignment.

Minimally Invasive Surgical Technique

Supports smaller incisions, reduced soft tissue disruption, and faster recovery.



Small incision approach.



Minimal soft tissue trauma.



Less post-operative pain and faster rehabilitation.

Dynamic & Static Distal Locking Options

Offers flexibility to address different fracture patterns and clinical requirements.

DYNAMIC LOCKING



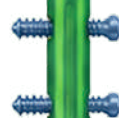
Allows controlled axial compression for fracture healing.



STATIC LOCKING



Provides maximum stability for complex fracture patterns.



Enhanced Stability
Secure fixation for better outcomes.



Reliable Fixation
Strong anchorage in diverse bone quality.



Minimally Invasive
Less tissue damage and faster recovery.



Versatile Options
Adaptable to various fracture scenarios.



Proven Performance
Engineered for trust with every use.



• ENGINEERED FOR STABILITY. DESIGNED FOR BETTER OUTCOMES. •

High-Strength Titanium Alloy Construction

Combines superior mechanical strength with excellent biocompatibility and corrosion resistance.



Titanium Alloy



High strength-to-weight ratio



Excellent biocompatibility



Corrosion resistant for long-term performance



Proven performance engineered for reliability

Reduced Blood Loss & Operative Time

Streamlined instrumentation and surgical workflow help improve procedural efficiency.

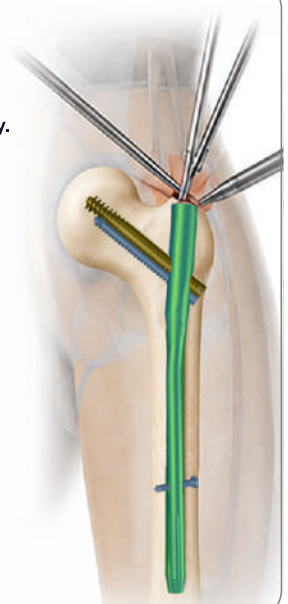


Reduced Blood Loss



Reduced Operative Time

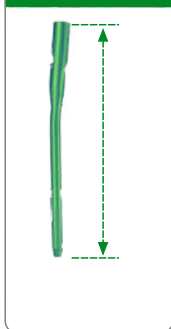
- Efficient surgical workflow.
- Less intraoperative blood loss.
- Shorter surgery and anesthesia time.



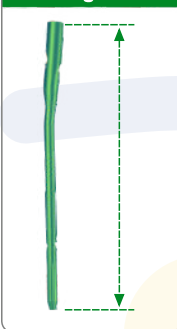
Short & Long Nail Configurations

Available in multiple lengths to accommodate a wide range of fracture indications.

Short Nail



Long Nail



Multiple length options.



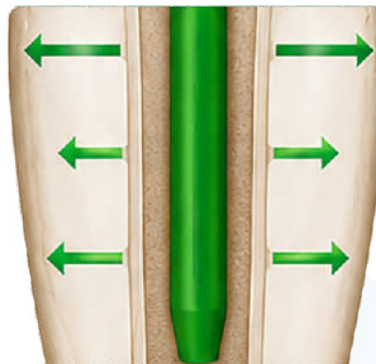
Suitable for various patient anatomies.



Accommodates a wide range of fracture types.

Optimized Load-Sharing Intramedullary Design

Promotes physiological load transfer and enhanced biomechanical stability.



Centreal load-sharing design.



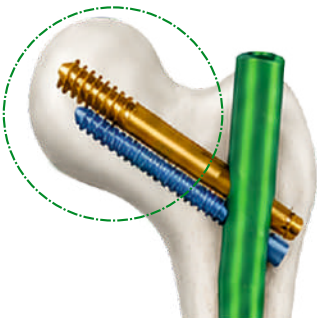
Reduces stress shielding.



Supports natural bone healing.

Improved Resistance Against Implant Cut-Out

Compression screw design helps maintain fixation and reduces the risk of fixation failure.



PFCS NAIL SYSTEM



Superior fixation with reduced risk of cut-out.

CONVENTIONAL SYSTEM



Higher risk of screw cut-out and fixation failure.



Deep engagement of compression screw for stronger hold.



Maintains reduction and fixation.



Enhances construct stability and patient outcomes.



STABILITY YOU CAN TRUST. OUTCOMES THAT MATTER.



GMP175 - Proximal Femur Compression Screw Short Nail & Long Nail

Short Nail



Long Nail



Diameter	Product code Titanium	Length
9	GMP175.200918	180
9	GMP175.200924	240
10	GMP175.201018	180
10	GMP175.201024	240
11	GMP175.201118	180
11	GMP175.201124	240
12	GMP175.201218	180
12	GMP175.201224	240

Diameter	Product code Titanium		Length
	Left	Right	
9	GMP175.220934	GMP175.210934	340
9	GMP175.220936	GMP175.210936	360
9	GMP175.220938	GMP175.210938	380
9	GMP175.220940	GMP175.210940	400
9	GMP175.220942	GMP175.210942	420
9	GMP175.220944	GMP175.210944	440
10	GMP175.221034	GMP175.211034	340
10	GMP175.221036	GMP175.211036	360
10	GMP175.221038	GMP175.211038	380
10	GMP175.221040	GMP175.211040	400
10	GMP175.221042	GMP175.211042	420
10	GMP175.221044	GMP175.211044	440
11	GMP175.221134	GMP175.211134	340
11	GMP175.221136	GMP175.211136	360
11	GMP175.221138	GMP175.211138	380
11	GMP175.221140	GMP175.211140	400
11	GMP175.221142	GMP175.211142	420
11	GMP175.221144	GMP175.211144	440
12	GMP175.221234	GMP175.211234	340
12	GMP175.221236	GMP175.211236	360
12	GMP175.221238	GMP175.211238	380
12	GMP175.221240	GMP175.211240	400
12	GMP175.221242	GMP175.211242	420
12	GMP175.221244	GMP175.211244	440



GMP167 - Sliding Femur Compression Leg Screw



Product code Titanium	Length
GMP167.2070	70
GMP167.2075	75
GMP167.2080	80
GMP167.2085	85
GMP167.2090	90
GMP167.2095	95
GMP167.20100	100
GMP167.20105	105
GMP167.20110	110
GMP167.20115	115

GMP249 - Ø4.9mm Interlocking Screw

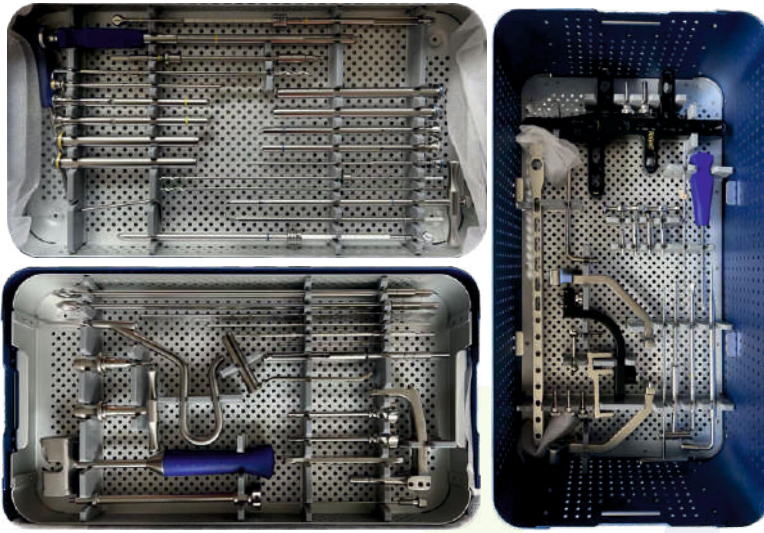


Product code Titanium	Length
GMP249.2028	28
GMP249.2030	30
GMP249.2032	32
GMP249.2034	34
GMP249.2036	36
GMP249.2038	38
GMP249.2040	40
GMP249.2042	42
GMP249.2044	44
GMP249.2046	46
GMP249.2048	48
GMP249.2050	50
GMP249.2052	52
GMP249.2054	54
GMP249.2056	56
GMP249.2058	58
GMP249.2060	60
GMP249.2065	65
GMP249.2070	70
GMP249.2075	75
GMP249.2080	80

GMP166 - Sliding Femur Compression Screw



Product code Titanium	Length
GMP166.2065	65
GMP166.2070	70
GMP166.2075	75
GMP166.2080	80
GMP166.2085	85
GMP166.2090	90
GMP166.2095	95
GMP166.20100	100
GMP166.20105	105
GMP166.20110	110



Sr. No.	Code	Name
36	ISBN008-36	Locking Screw Drill Bit $\Phi 8.2/\Phi 3 \times 187$
37	ISBN008-37	Inner Pin $\Phi 3.0$
38	ISBN008-38	Drill Bit $\Phi 3.0 \times 300$
39	ISBN008-39	Limitation $\Phi 3.0/\text{Sw}3$
40	ISBN008-40	Limitation Wrench $\text{Sw}3.0$
41	ISBN008-41	Depth Gauge (Multiloc Humerus)
42	ISBN008-42	Hex Screwdriver $\text{Sw}3.5$ (Quick Coupling)
43	ISBN008-43	Hex Screwdriver $\text{Sw}3.5$
44	ISBN008-44	Proximal Anterior Guide Rod
45	ISBN008-45	Proximal Anterior Guide Rod Wheel $\text{M}6/\text{Sw}5$
46	ISBN008-46	Compression Bolt $\text{M}6/\Phi 3.2/\text{Sw}11$
47	ISBN008-47	Distal Guide Rod
48	ISBN008-48	Position Rod Drill Flat $\Phi 3.8$
49	ISBN008-49	Position Rod
50	ISBN008-50	Position Block
51	ISBN008-51	Distal Position Rod (Left)
52	ISBN008-52	Distal Position Rod (Right)
53	ISBN008-53	Connection Lock Wheel $\text{M}6/\text{Sw}5$
54	ISBN008-54	Wheel Wrench $\text{Sw}5$
55	ISBN008-55	End Cap Measurement
56	ISBN008-56	Remove Rod
57	ISBN008-57	Instrument Box

Sr. No.	Code	Name
1	ISBN008-01	Developed Ruler $\Phi 7-\Phi 9.5 \times 160-300$
2	ISBN008-02	Guide Pin $\Phi 1.5 \times 150$
3	ISBN008-03	Guide Pin With Limitation $\Phi 2.5 \times 200$
4	ISBN008-04	Guide Pin $\Phi 2.5 \times 250$
5	ISBN008-05	Protective Sleeve $\Phi 11.5 \times 70$
6	ISBN008-06	Quick Coupling $\Phi 8$
7	ISBN008-07	T-Shaped Quick Coupling $\Phi 8$
8	ISBN008-08	Cannulated Drill Bit $\Phi 10$
9	ISBN008-09	Cannulated Drill Bit $\Phi 11.5$
10	ISBN008-10	Open Awl
11	ISBN008-11	$\Phi 7$ Reamer
12	ISBN008-12	$\Phi 8$ Reamer
13	ISBN008-13	$\Phi 9$ Reamer
14	ISBN008-14	$\Phi 10$ Reamer
15	ISBN008-15	Handle
16	ISBN008-16	Connection Bolt $\text{M}6/\Phi 3.45/\text{Sw}11$
17	ISBN008-17	Open Wrench $\text{Sw}11$
18	ISBN008-18	Hammer Guide Rod $\text{M}6/\Phi 2.5/\text{Sw}11$
19	ISBN008-19	Hammer
20	ISBN008-20	Proximal Guide Rod
21	ISBN008-21	Proximal Guide Rod Wheel $\text{M}6/\text{Sw}5$
22	ISBN008-22	Multilock Screw/Position Rod Sleeve $\Phi 13/\Phi 10 \times 150$
23	ISBN008-23	Multilock Screw/Position Rod Drill Sleeve $\Phi 10/\Phi 3.8 \times 162$
24	ISBN008-24	Inner Pin $\Phi 3.8$
25	ISBN008-25	Drill Bit $\Phi 3.8 \times 270$
26	ISBN008-26	Indicator Block $\Phi 3.8$
27	ISBN008-27	Depth Gauge
28	ISBN008-28	Countersink
29	ISBN008-29	Multilock Screwdriver
30	ISBN008-30	Locking Screw Position Sleeve
31	ISBN008-31	Locking Screw Drill Sleeve
32	ISBN008-32	Drill Bit $\Phi 2.8 \times 200$
33	ISBN008-33	Indicator Block $\Phi 2.8$
34	ISBN008-34	Star Screwdriver
35	ISBN008-35	Locking Screw Sleeve $\Phi 11/\Phi 8.2 \times 175$



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