

Fitbone™

Intramedullary Lengthening System

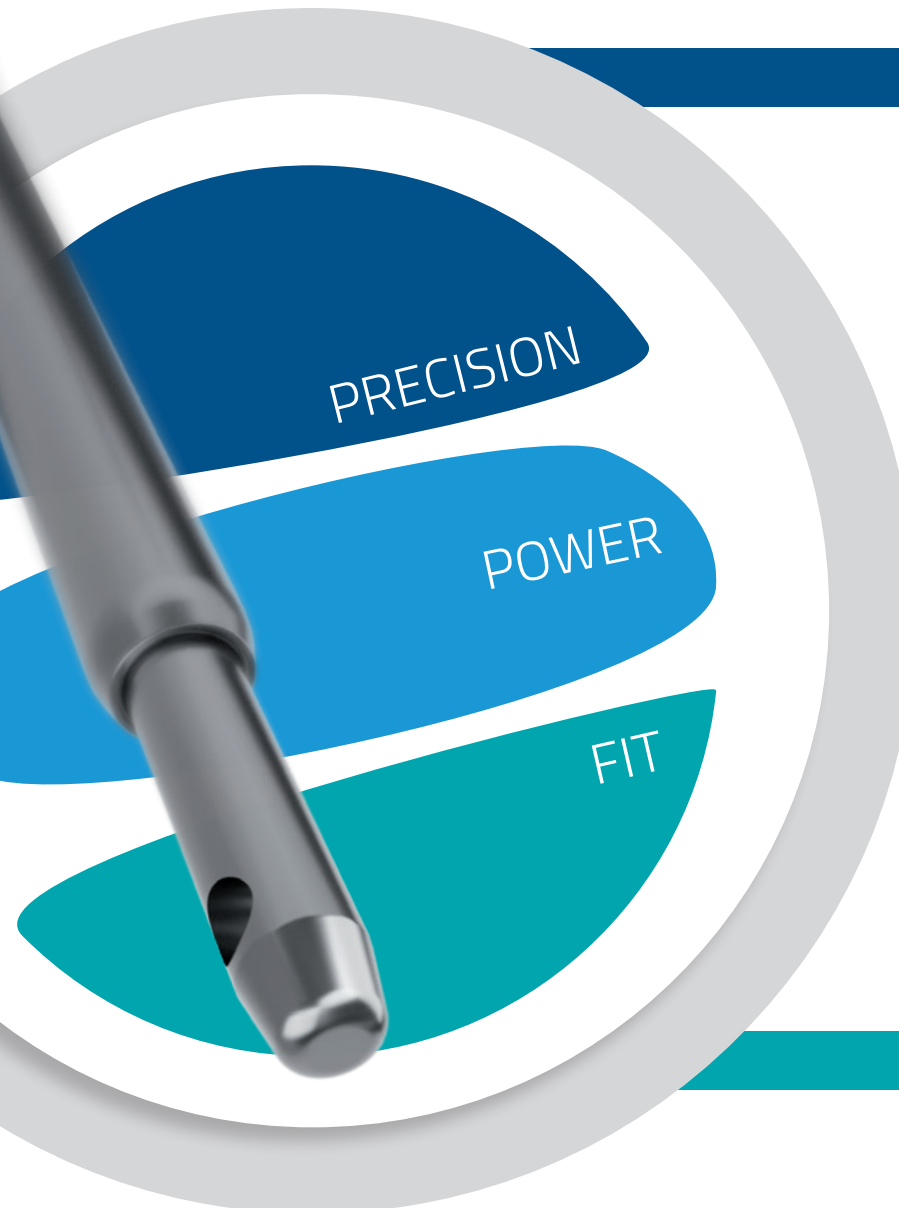
Not just
a lengthening nail

**A PROVEN
LIMB-LENGTHENING
PHILOSOPHY
BUILT ON MORE THAN
20 YEARS OF INNOVATION
AND CLINICAL HERITAGE**



**INDICATED FOR USE IN
ADULTS AND ADOLESCENTS
(≥12 YEARS)**

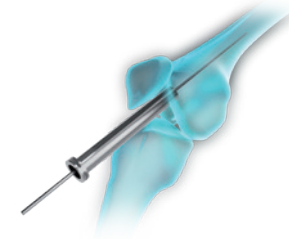
 **ORTHOFIX®**
ORTHOPEDICS



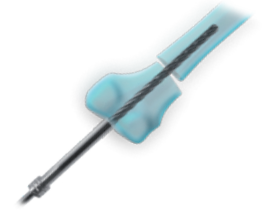
PRECISION

- Instruments designed not only for lengthening but for optimal limb alignment
- Protection of soft-tissues with minimally-invasive instrumentation
- Safe alignment assessment and blocking screw placement with dummy (trial) nail

Strong stainless steel nail with dedicated trial for accuracy^{2,3,4} and final check



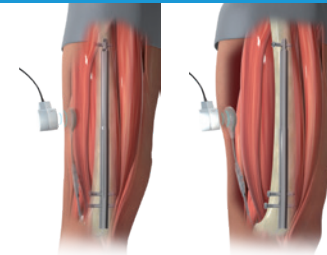
Safe reaming via a minimally-invasive approach⁴



Optimal limb alignment via unique instrumentation to assist in correction^{2,3,4}

POWER

- Reliable power direct to the nail¹
- High distraction force independent of nail size¹
- No soft-tissue limitation
- Power transferred to the nail with a small portable control set
- No magnets within the control set



No need for unreliable magnetic fields



Reliable power no matter the size of patient or implant¹

FIT

- Bone is reamed to exactly fit the implant
- No over-reaming necessary⁵



Optimal fit for accuracy

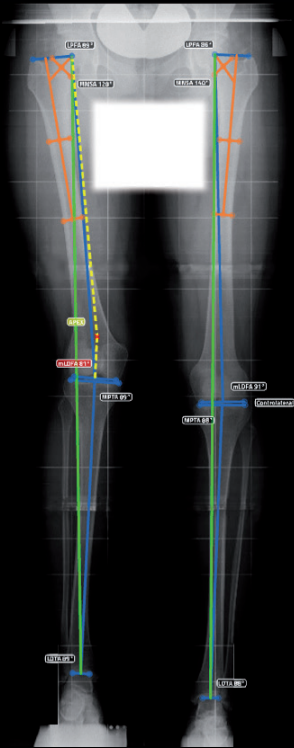


Bone-conserving

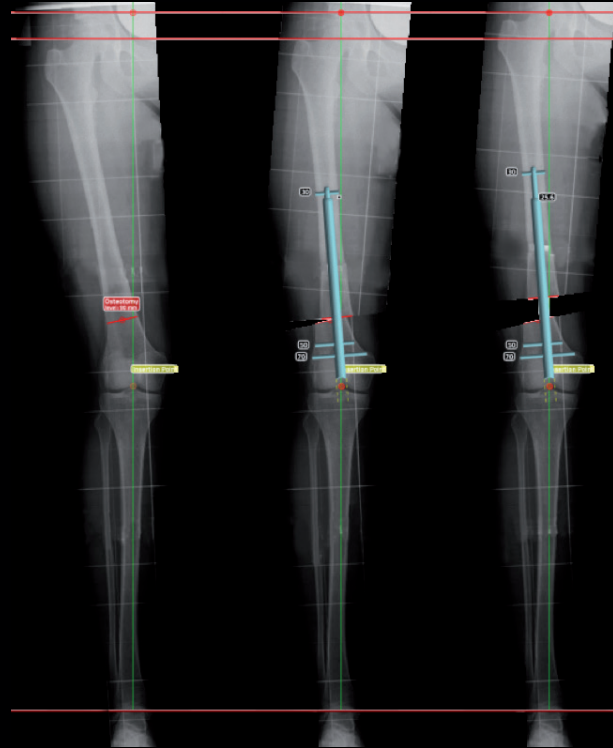
PRECISION

ORTHONEXT™ FITBONE™ REVERSE PLANNING METHOD MODULE

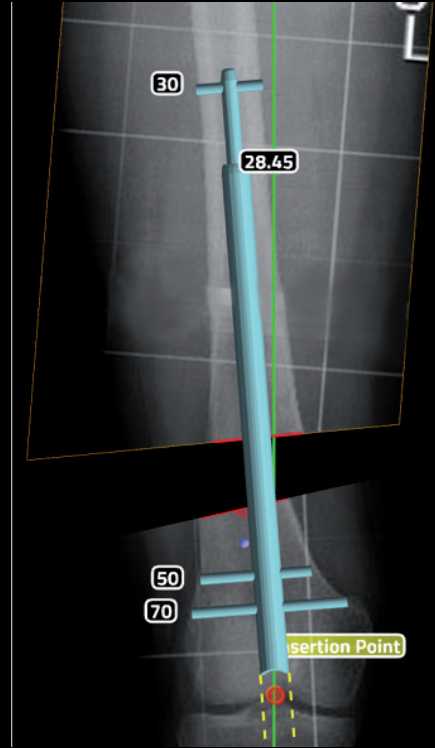
Dedicated Reverse Planning Method Module for Lengthening Nails
Certified as a medical device



Pre-op planning assessment



Guided planning process
and simple user interface
Three-step pre-operative plan



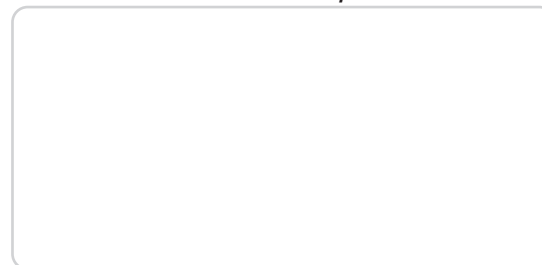
Pre-operative templating of appropriate
FITBONE™ lengthening nail
and locking screw selection

Simulation of osteotomy plan
Blocking screw placement planning

References

1. Technical Performance Data FITBONE™ TAA. WITTENSTEIN intens. Doc. No. 6090-D000271. Rev.07.
2. Mohammed J. Al-Sayyad. Lower limb lengthening and deformity correction using the FITBONE motorized nail system in the adolescent patient. Journal of Pediatric Orthopaedics B, 21:131–136, 2012.
3. M. T. Dahl. Motorized, telescopic, intramedullary lengthening nails for limb length and deformity correction. Techniques in orthopaedics, 30(3):131 – 206, September 2015.
4. M. Kücükaya, Ö. Karakoyun, S. Sökücü, and R. Soydan. Femoral lengthening and deformity correction using the FITBONE motorized lengthening nail. Journal of Orthopaedic Science, 20(1):149 – 154, January 2015.
5. P. H. Thaller, N. Degen, J. Fürmetz, and F. Wolf. Längs-, achs- und tersionskorrekturen mit distraktionsmarknageln. 2017.

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Manufacturer info is available
on the product labels and relevant IFUs.

