

Because control means
everything to me.

**The TRIGEN
SURESHOT
system has
my back.**

 **smith&nephew**
TRIGEN[®]
SURESHOT[®]
Distal Targeting System

Introducing the TRIGEN SURESHOT Distal Targeting System, the revolutionary virtual imaging system that does so much more.



The challenges of distal locking that affect your control

- Current methods expose you, your staff, and your patients to unnecessary and potentially hazardous radiation^{1,2}
 - Fluoroscopic shots range from 1 to 81³
 - FDA recommends using an optimized radiation dose, no more than necessary¹
- Current methods are time consuming²
 - Distal locking time can range from 4 to 60 minutes³
 - Requires prolonged anesthesia time for patients and increased staff time in the OR
- Current methods are difficult and inconvenient²
 - Outcomes are dependent on expertise of surgical staff and x-ray technicians
- Current methods are imprecise²
 - Can result in extra drill holes, potential damage to implant, and fracture misalignment

Distal locking is only one part of IM nailing procedures. The benefits of TRIGEN SURESHOT can only impact variables and outcomes associated with distal locking. General risks of radiation and surgery associated with other parts of the procedure are not affected by TRIGEN SURESHOT.

Gain total control of distal locking with the
TRIGEN[®] SURESHOT[®] Distal Targeting System



Introducing the TRIGEN® SURESHOT® Distal Targeting System

Revolutionary technology that puts you in full command of distal locking

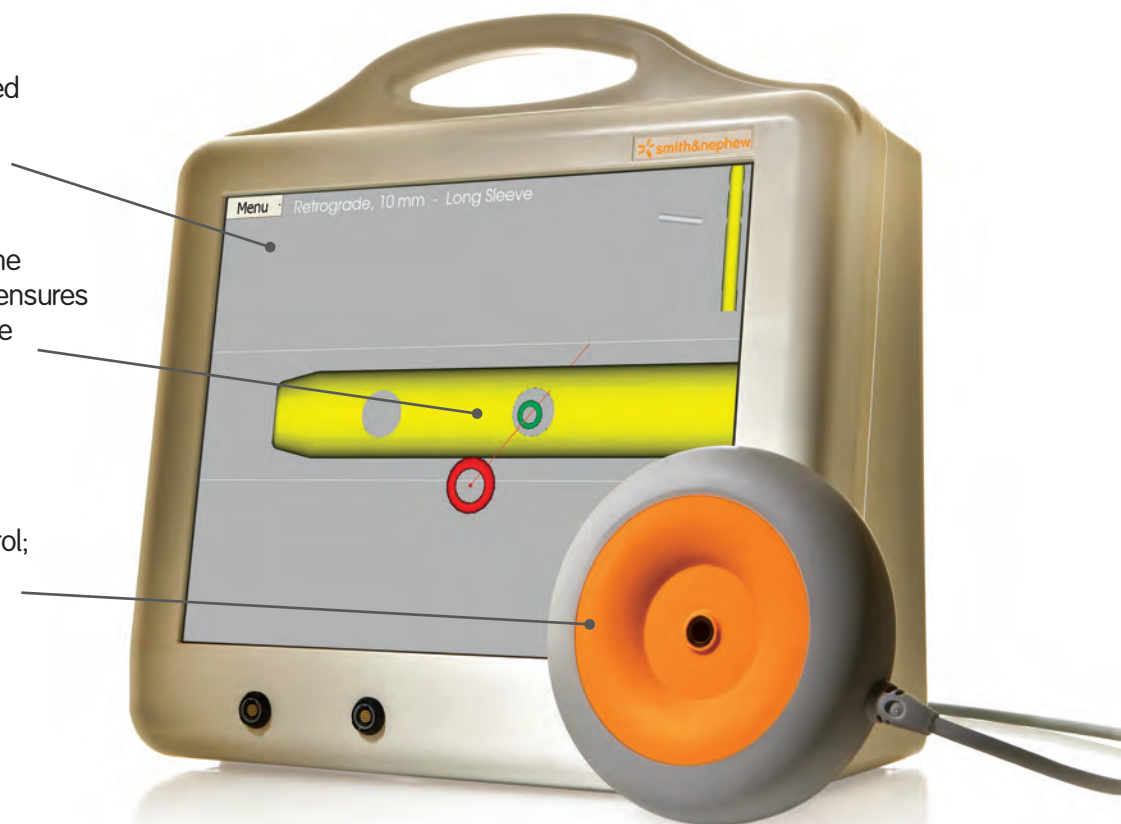
- The first and only virtual real-time imaging system for distal locking
- For years, distal locking with the free-hand fluoroscopic method has been the standard of care—now there's a new standard
- Not a new technique, but a brilliant new technology that offers full surgeon control, a reduction in radiation exposure, and shorter procedures
- Works seamlessly with the proven TRIGEN system

TRIGEN SURESHOT system: At your command

Computer-based calibrated software provides perfect circle targeting

Continuous visual real-time feedback of drill position ensures correct direction and angle

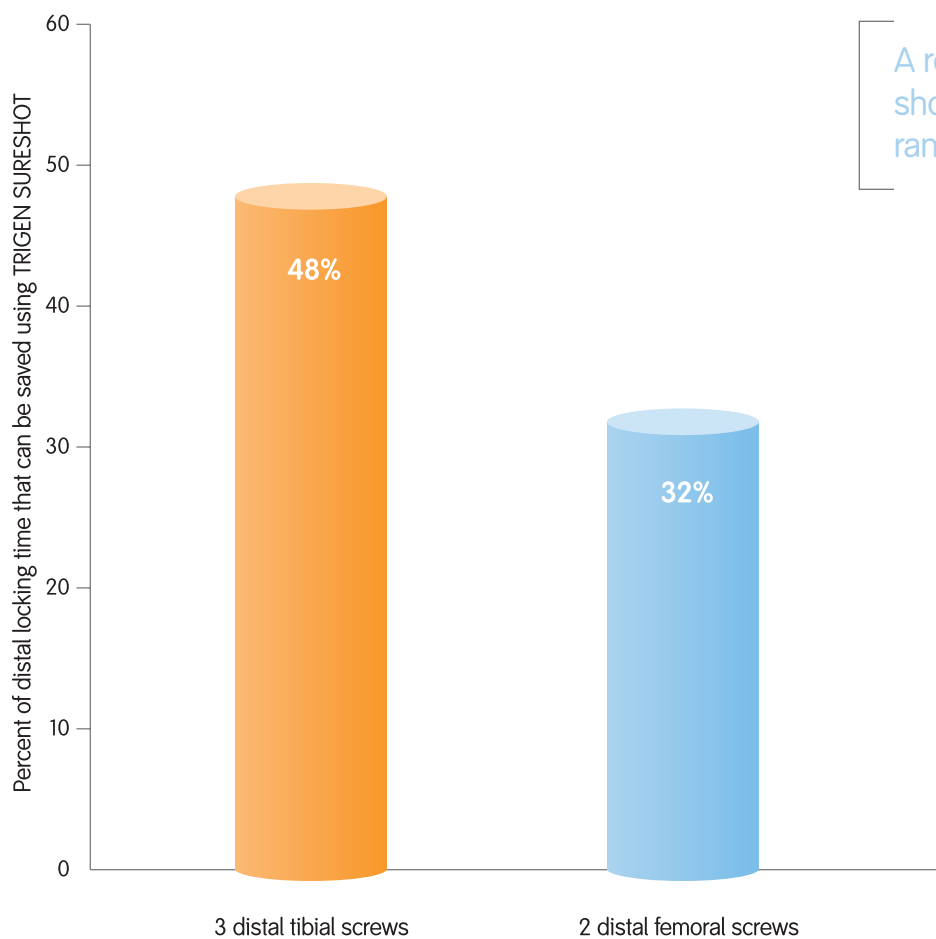
All under your direct control; requires no fluoroscopy during distal locking



Command enhanced convenience and usability

- Real-time virtual imaging allows you to be in complete control with no need for fluoroscopy
- Unsurpassed accuracy helps you achieve optimum fracture reduction
 - With TRIGEN SURESHOT, you are perfectly on target virtually every time⁴
 - Less risk of fracture misalignment because leg doesn't need to be maneuvered for fluoroscopy⁴

TRIGEN SURESHOT significantly reduces distal locking time⁴



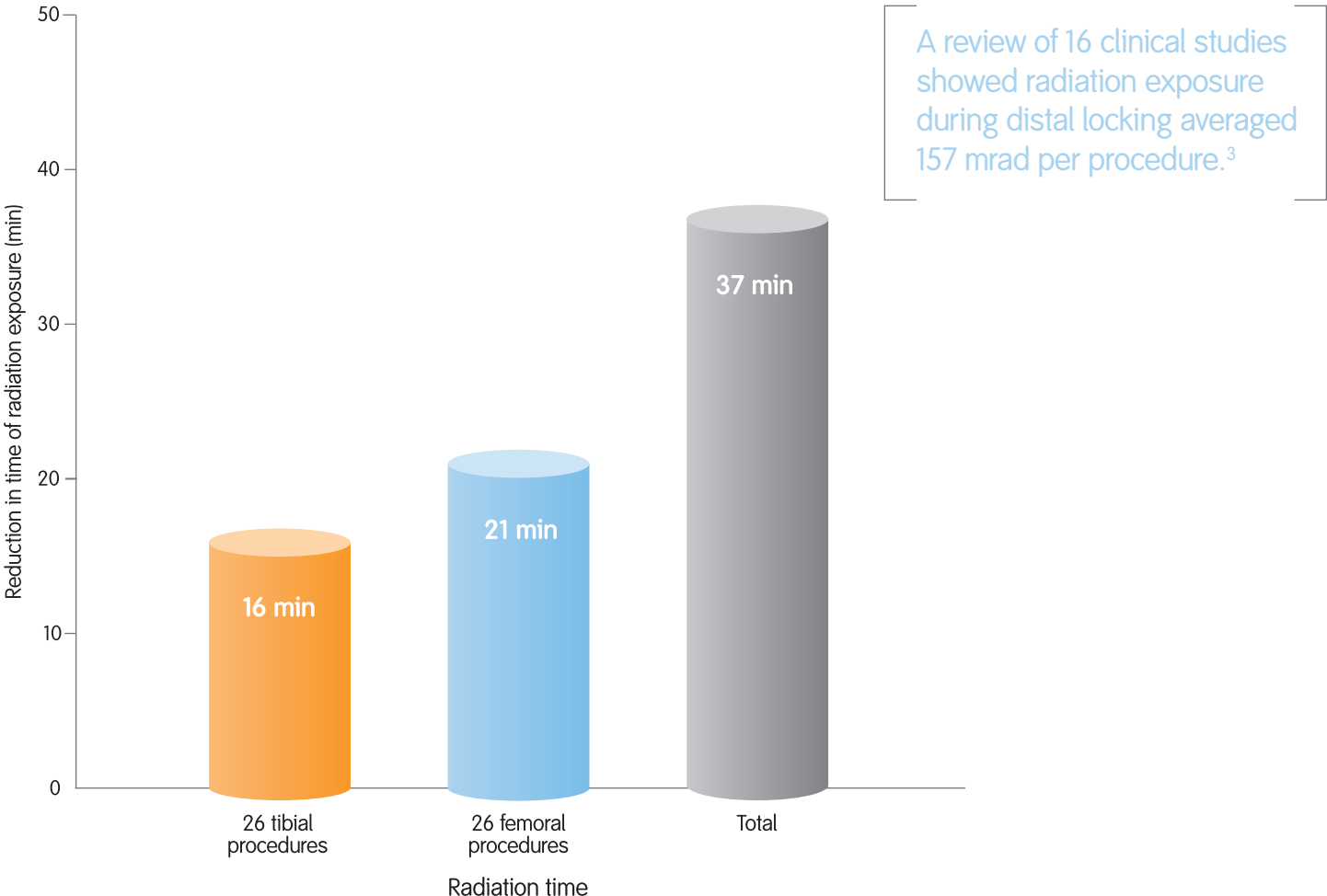
A review of 16 clinical studies showed distal locking time can range from 4 to 60 minutes.³

Results based on a single-center cadaver study of 24 tibial and 24 femoral procedures.

Get your radiation exposure under control

- Enhance safety of staff and patients by using as low as reasonably achievable (ALARA) levels of radiation during distal locking
- Eliminate fluoroscopy radiation time associated with distal locking⁴
 - In a single tibial procedure, typically 36 seconds
 - In a single femoral procedure, typically 49 seconds
- Eliminate fluoroscopy radiation exposure associated with distal locking⁴

Radiation exposure reductions you could realize in a single year (52 procedures) using the TRIGEN SURESHOT system*⁴



*Amounts projected over 52 weeks (assuming 1 procedure per week) using average procedure data in Tornetta et al, which was a single-center cadaver study of 24 tibial and 24 femoral procedures.

The TRIGEN[◇] SURESHOT[◇] system, because your control is important.

- The first and only virtual real-time imaging system for distal locking that puts you in complete control to:
 - Improve safety by eliminating radiation exposure during distal locking⁴
 - Enhance convenience and save time by eliminating fluoroscopy during distal locking⁴
 - Increase accuracy by setting a new standard for a tried and true technique⁴

think.
again
At your command.

References:

1. Center for Devices and Radiological Health, US Food and Drug Administration. Initiative to reduce unnecessary radiation exposure from medical imaging. <http://www.fda.gov/Radiation-EmittingProducts/RadiationSafety/RadiationDoseReduction/ucm199994.htm>. Published February 2010. Accessed February 11, 2010.
2. Whatling GM, Nokes LD. Literature review of current techniques for the insertion of distal screws into intramedullary locking nails. *Injury*. 2006;37(2):109-119.
3. Data on file. Smith & Nephew. 4. Tornetta P, Patel P, Tseng S, Whitten A, Ricci W. Distal locking using an electromagnetic field guided computer based real time system. Poster presented at: Annual Meeting of the Orthopaedic Trauma Association; October 8-10, 2009; San Diego, CA.

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