

One million

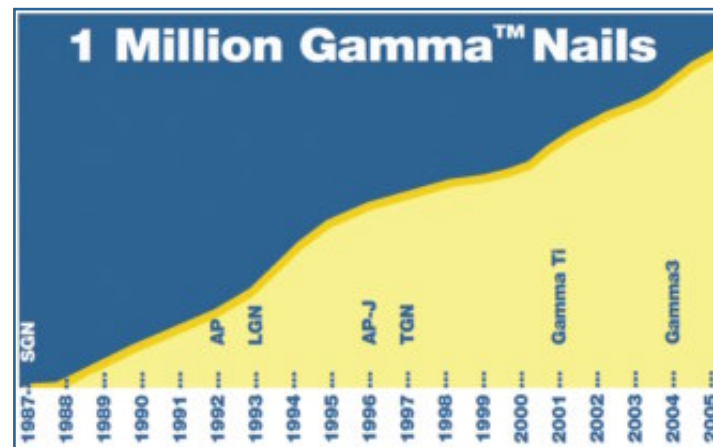
Gamma™ Nails have been implanted because...

Surgeons have embraced Stryker's Gamma™ technology. This extraordinary statistic speaks to the trust surgeons across the globe place in Gamma™ Nails, and to the Gamma™ Nail innovators who strive for excellence.

Stryker is proud to work side-by-side with trauma and orthopaedic surgeons to herald in the future of orthopaedic fracture treatment.



Gamma3™ Trochanteric Nail



On average every **4** minutes worldwide a Gamma™ Nail is implanted.

stryker®

stryker®

Joint Replacements

Osteosynthesis

Trauma, Extremities & Deformities

Cranio-maxillofacial

Spine

Biologics

Surgical Products

Neuro & ENT

Interventional Pain

Navigation

Endoscopy

Communications

Imaging

Patient Handling Equipment

EMS Equipment

Why One Million Gamma™ Nails Have Been Implanted Worldwide

Hip Fracture

Stryker Trauma GmbH
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www.osteosynthesis.stryker.com

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First¹

Pioneered by visionaries

1939

Prof. Küntscher established the clinical principles and technique for intramedullary nailing. When this was first introduced in 1939, intramedullary nailing was regarded as a revolutionary method that challenged the proven and established procedures of the time. Today it is the method of choice used by trauma and orthopaedic surgeons throughout the world for the treatment of long bone fractures.

1980-1987

First ideas to develop a short nail for trochanteric fractures. In the beginning of 1980, a parallel collaboration with two clinics, Drs. Gill/Halder in Halifax/UK and Drs. Grosse/Kempf/Taglang in Strasbourg/France, began to develop a short nail specially designed for fractures of the trochanteric region.

1988

Market Launch of the first Generation of Gamma™ Nails, today called Standard Gamma™ Nail (SGN).

1992

A special Asian version of the Gamma™ Nail (AP-Nail) was introduced to address the requirements of the Asian-Pacific region and 1996 a slightly modified version (AP-J Nail) was launched in Japan with great success.

1993

The Long Gamma™ Nail (LGN) was introduced to complete the system and address subtrochanteric and combined femoral shaft fractures.

1997

Surgeons comments on the SGN led to improvements in the design of the second generation TGN. The new Nail was introduced with great success.

It was an evolutionary step for the Gamma™ Nail System. In 2001 the titanium version called Gamma Ti was launched.

2004

The success continues with the introduction of the third generation Gamma3™ System. Its small and strong implant design addresses the today's requirements of minimally invasive surgery and early weight bearing.²⁾

Standard Gamma™ Nail (SGN)



Trochanteric Gamma™ Nail (TGN)



1) Based on trademark filing with the United States Patent and Trademark Office, US Registration # 2819616.

2) Data on file, Stryker

Finest

Improved through experience

Gamma3™: the new member of the family

Downsized implants and instrumentation allow minimally invasive surgery through an optimized surgical technique. The nails have a proximal diameter of only 15.5mm to minimize the incision length and bone removal.^{2,3)}

Nevertheless, they offer the same biomechanical strength and cut out resistance as the well established Trochanteric and Long Gamma™ Nails.²⁾

Improved Lag Screw shape offers:²⁾

- Superior cutting behavior during Lag Screw insertion
- Reduced insertion torque

The new thread design offers:²⁾

- Excellent grip in the cancellous bone of the femoral head
- Strong resistance against cut-out⁴⁾

The Gamma3™ System utilizes a global instrument platform shared with T2 and S2 systems.

2) Data on file, Stryker

3) Clinical feedback from Gamma3™ early user phase

4) http://www.osteoint2005.de/kongress/oral_presentations_41-50.htm

Gamma3™ Trochanteric Nail



Gamma3™ Long Nail



Preferred⁶

Most trusted and implanted device of its type

More than 17 years ago, Stryker introduced the first generation of Gamma™ Nail to the world market.

Today, the third generation intramedullary sliding lag screw Gamma™ Nail continues to define the industry standard.

The unmistakable advantages of the Gamma™ Nail Family:

- Over 17 years of clinical experience
- New, smaller implant with streamlined instrumentation
- Minimally invasive surgery with the possibility for less bone removal
- Three entry options for beginning the procedure
- Potential for early weight bearing⁵⁾

Results matter

In trauma, injuries can't wait and surgery is not elective. Stryker is one of the leaders in this critical category because this sense of urgency is part of everything we do. We make many of the most successful products in the field — the ones surgeons have come to depend on — but we're also constantly improving and enhancing them. Making the best better is critical, because there's no time to wait.

Active lives for the patients

Most importantly, we measure our success by our ability to partner with respected medical professionals — to help millions of people, around the world, lead more active and more satisfying lives.

For more information, visit www.osteosynthesis.stryker.com or contact your Stryker Osteosynthesis Representative.

To see a Live Gamma3™ procedure performed on a cadaver by Drs. Christopher Born, James Maxey and Robert Probe, please visit www.or-live.com/Gamma3/1458

5) Early weight bearing as appropriate for the patient and determined by the Surgeon. References available upon request.

6) Millennium Research Group, US Markets for Trauma Devices, February 2005, Intramedullary Hip Screw Market.