

Shark Screw®

Surgery with a bone screw

Information for Patients & Surgeons

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Screws made from human bone – no risk of hardware removal surgeries

To help bones heal, screws and plates made from bone or metal can be used. The most proven bone screw is Shark Screw®. The Shark Screw® allograft, like the body's own bone, integrates in the natural, constant bone metabolism and is remodeled into new, perfectly adapted bone tissue within a few weeks to months. A surgery to remove the metal is not necessary. Metals in the body, on the other hand, carry exactly this risk: in many cases, they must be removed in hardware removal surgery. Otherwise, they remain functionless in the body. For many patients, this is not acceptable

Interview with a leading US Shark Screw® surgeon



Shark Screw® – no foreign material within your body!

Shark Screw® is colonized by the body's own cells after being inserted into the bone and is integrated into the natural bone metabolism. This natural incorporation process creates new bone connections. Possible complications that can occur with metals in the body, such as irritation of nerves, ligaments, and tendons, are thereby eliminated.² The avoidance of these risks, sick leaves, and time expenditures lead to enormous savings for you and the health care system.



Bunion case report is showing the remodeling process. X-Rays from left to right: Post Operatively, 6 weeks post operatively, 16 months post operatively

Human donor bone: Safe for many decades!

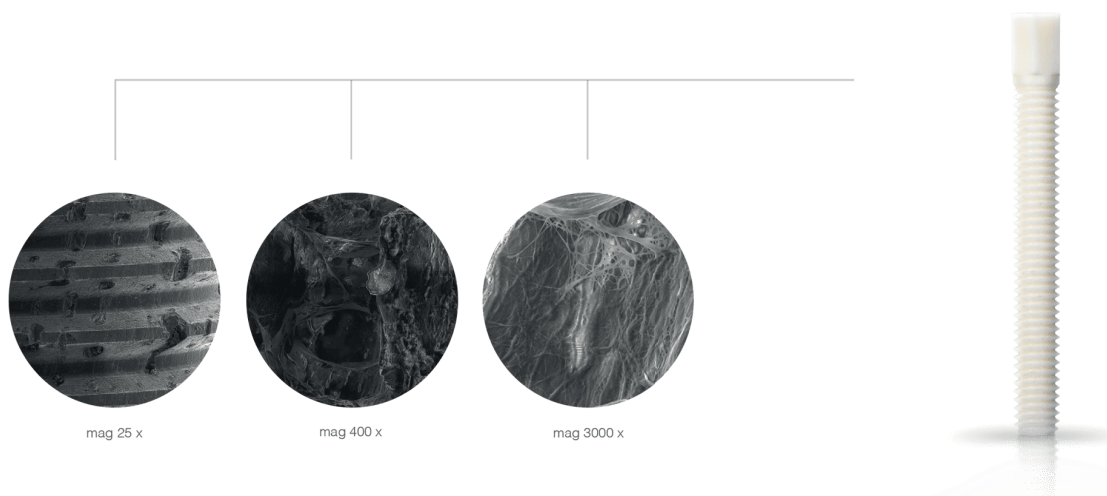
Human bones, known as allografts, have been used millions of times annually for many decades. Shark Screw® is such an allograft. Before their use, they go through numerous safety steps to ensure they are safe, sterile, and natural allografts. Allografts are used after accidents, bone fractures, bone deformities, the implantation of hip or knee prostheses, bone loss due to tumors, or for dental implants.

More about this topic:



This is how Shark Screw® becomes your own bone!

The advantage of Shark Screw® allografts is that the natural bone matrix of the bone is preserved. The bone structure with its natural fine pores provides the ideal guiding framework for vessels to grow in and cells to settle, just as they do in healthy bone.



Surgeries with Shark Screw®: From Head to Toe!

Shark Screw® can be used anywhere bone healing is needed. In orthopedics and trauma surgery, its applications range from forefoot deformities (e.g. bunion) and joint arthritis (wear and tear) in the big toe joint or tarsal joint to hindfoot injuries like talus and calcaneus fractures or flatfoot deformities. Additionally, Shark Screw® is used for misalignments, non-unions (non-healing bone), joint arthritis, diseases and injuries of joint cartilage, and bone fractures throughout the body.



„With a plate, I would have had the risk to undergo a hardware removal surgery, and I wanted to eliminate that risk. Therefore, I chose the bone screw.“

Magdalena Kocaget
Bunion patient

Trust your local Shark Screw® Expert

Dr. Khoa D. Nguyen, FACFAS, DABPM specializes in the treatment of lower extremity trauma and complex limb deformities. His extensive experience during his residency provided him with the skills to handle a wide range of traumatic injuries and reconstructive surgeries. His commitment to advancing lower extremity trauma services led him to Florida, where he contributed significantly to the growing needs in Lee County. Now based in Connecticut, Dr. Khoa D. Nguyen continues to offer his expertise in lower extremity care, ensuring that his patients receive the highest quality treatment. For surgical procedures such as Bunions, TMT II/III Arthrodesis, Fractures, TN Fusions or Hammertoes, Dr. Khoa D. Nguyen relies on a screw made from human bone as an alternative to conventional metal screws or plates – the so-called Shark Screw®.



„I trust Shark Screw® because it represents the cutting-edge technology and reliability that my patients need.“

Dr. Khoa D. Nguyen
**Leading Shark Screw® expert
in Connecticut**



Book your appointment now with
Connecticut's leading Shark Screw® expert

Shark Screw® gets manufactured by *surgebright* and a leading US-Tissue-Establishment. By using Shark Screw®, Shark Screw® surgeons offer you a surgical method without the need for foreign materials in your body. This spares you from suffering pain, reduces sick leaves, and saves the healthcare system money. For questions about possible applications and indications, please contact your physician. Further information can also be found at www.surgebright.com/en