



your allograft, your bonebridge, your journey



# SharkScrew®

Fractures - Pseudarthroses - Malpositions - Arthrodesis



# BONE DESERVES BONE



Case report shows an X-Ray follow-up of a MTP I revision after pseudoarthrosis treated with Shark Screw. From left to right: oblique preoperative | intraoperative | ap 3 months postoperative

## Shark Screw®:

- Patented allograft screw made from cortical bone
- 2 % swelling after 24 hours ensures an even more stable osteosynthesis
- Natural bone remodeling process, no inflammation, no destabilization phase
- Avoid hardware removal
- Broad field of application in foot & ankle or hand surgery
- Low dose terminal sterilization preserves biomechanical properties of cortical bone<sup>1</sup>

<sup>1</sup>Lifka S.: „Effect of different sterilization processes on the strength of the Shark Screw” – Experimental biomechanics study, 2022, Institute of Biomedical Mechatronics Johannes Kepler University Linz



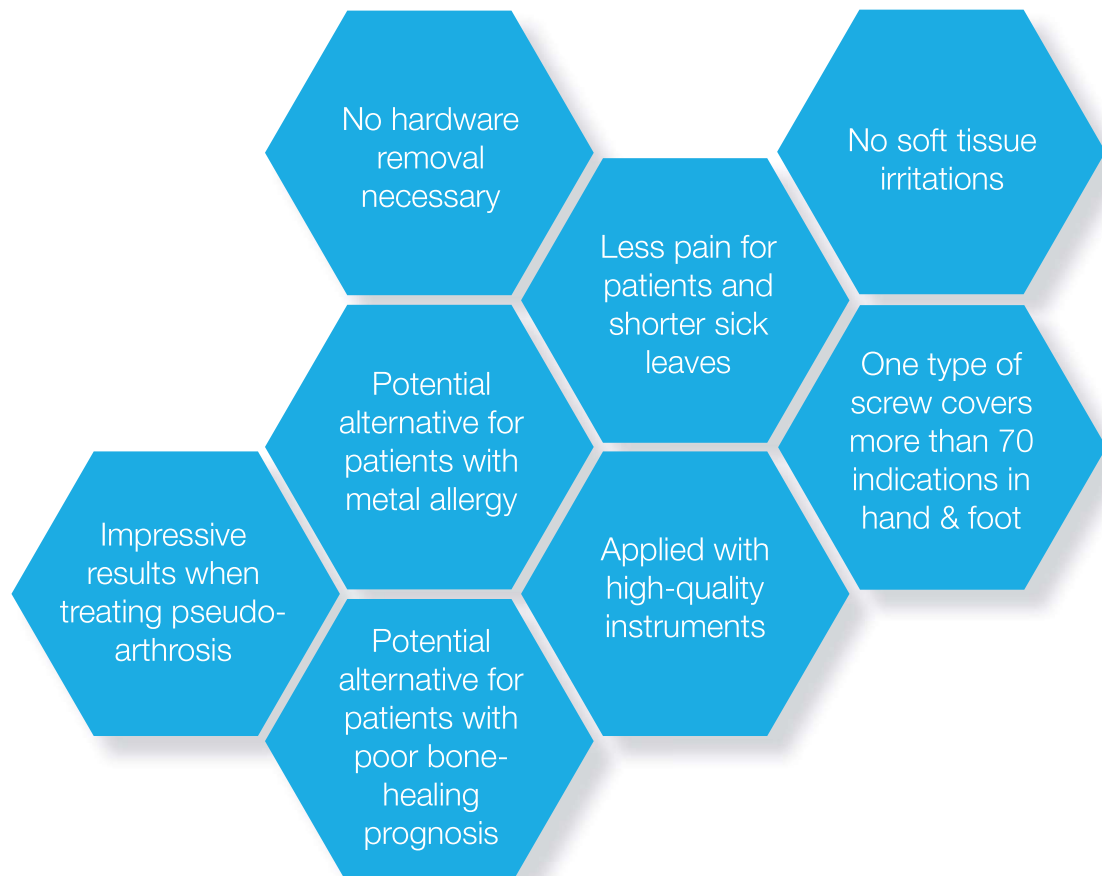
# ONE PRODUCT, COUNTLESS POSSIBILITIES

## Shark Screw® cut:

- Can be trimmed to the bone surface (no soft tissue irritations)
- Set Screw (compression is applied with temporal K-Wires)
- Documented clinical evidence
- Solid, non-cannulated screw

| Article number | Length | Diameter | Color Code |
|----------------|--------|----------|------------|
| USC35351       | 35 mm  | 3,5 mm   | Blue       |
| USC35401       | 35 mm  | 4,0 mm   | Yellow     |
| USC35451       | 35 mm  | 4,5 mm   | Red        |
| USC35501       | 35 mm  | 5,0 mm   | Black      |

## BENEFITS OF SHARK SCREW®:





## STABLE OSTEOSYNTHESIS AND TIGHT FIXATION

### Surgical Technique:

- 1) Fixation of bone fragments with temporal K-Wire (1,6 mm)
- 2) Insertion of guiding K-Wire (1,2 mm)
- 3) Drilling and tapping with corresponding instrument
- 4) Rinsing the channel with isotonic solution
- 5) Screw insertion
- 6) Cutting / trimming the screw to bone surface



Specific surgical techniques for different indications can be found [here](#):



# TRUST THE EVIDENCE AND GET TRAINED

## PUBLICATIONS:

Clinical trials show clinical safety and efficacy of Shark Screw® cut! Publications can be found [here](#):



## HANDS-ON TRAINING

Catch a flight to Austria, enjoy the alps and join our popular wet lab! Practise the handling and different surgical techniques and return as a real Shark Screw® Hero! Book a flight, we will do the rest for you! Follow the [link](#) to secure a limited spot:



You want further information?

Please reach out to:

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preoperative



postoperative



10 months postoperative

