

G-Beam[™]

Fusion Beaming System

FREQUENTLY ASKED QUESTIONS

1. What material are the beams made of?

The G-Beam Fusion Beams are made of stainless steel and have been designed to assure mechanical performance providing ideal treatment also for poor bone quality, i.e. Charcot neuroarthropathy.

2. Solid beams are stronger, why don't you have a solid version?

We have opted for cannulated beams as the use of a guide wire allows for accurate implant placement. The larger diameter and the carefully selected manufacturing material assure the mechanical performance required for ideal treatment.

3. Can the beams be used with external fixation?

Yes, the beams can be used in combination external fixation.

4. G-Beam Fusion Beams are made of stainless steel, is it ok to be used with nickel sensitive patients?

The G-Beam manufacturing material does have nickel content so for the very small percentage of patients with nickel sensitivity this implant might not be indicated.

5. Are G-Beam Fusion Beams weight bearing?

G-Beam Fusion Beams are just like any other internal fixation implants. Weight bearing protocol is within the surgeon's discretion and it has to be judged on individual cases. The G-Beam implants are not specifically designed for full weight bearing.

6. Why should I use beams?

G-Beam Fusion Beams and beaming in general are specifically designed for providing structural support, by extending beyond the zone of injury, for complex reconstructions/fusions. Charcot reconstructions frequently demand such fixation as they heal slower and they require highly rigid fixation. G-Beam Fusion Beams are designed to provide the necessary treatment longevity, strength and fatigue resistance for these cases. They can be used in combination with external fixation.

7. What happens if I have to remove G-Beam Fusion Beams?

The instrumentation includes dedicated extraction items for both, the large and small beams, as well as a universal, conical extractor for complex situations when accessing in-situ implants is difficult or if an end cap has disengaged from the main implant.

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