ILLUMINOSS
Fracture repair at the speed of light

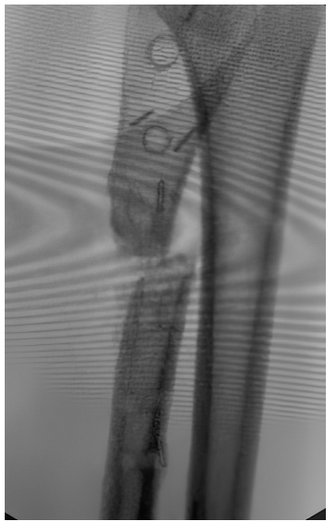
Case Illustration

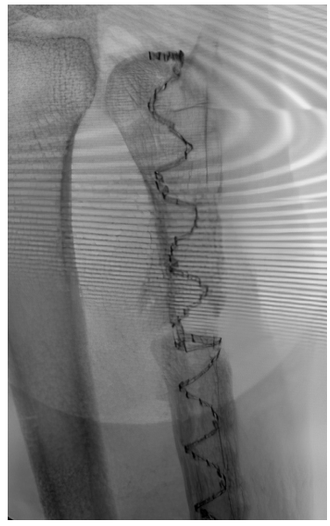
Ulna Plate Revision with IlluminOss

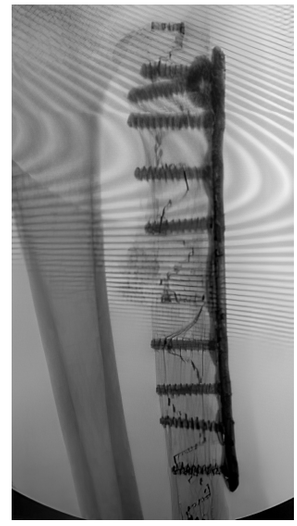
A female patient suffered an ulna fracture associated with a traumatic dog attack. The patient was treated by another surgeon, utilizing a plate for osteosynthesis. A nerve in the patient's forearm was repaired by the reporting surgeon after the fracture repair.

Approximately a year and a half after her original plate was placed, the patient wanted it removed because it was irritating and palpable under the skin. When the plate was removed, it was determined that the fracture had not healed. In an attempt to stabilize the fracture and allow it to heal, the patient was casted for three weeks, however each subsequent week of casting the fracture displaced more and more, resulting in a nonunion.

As the bone quality was poor, an IlluminOss implant was inserted and cured to be utilized as a supporting strut and to provide purchase for the definitive treatment with plate and screws. Bone graft was positioned around the IlluminOss implant and then a plate and screws were used to complete the repair. The screws for the plate were threaded directly into the IlluminOss implant.







US Indication: The IlluminOss Photodynamic Bone Stabilization System is indicated for use in skeletally mature patients in the treatment of traumatic, fragility, pathological, and impending pathological fractures of the humerus, radius, ulna, clavicle, pelvis, fibula, metacarpals, metatarsals, and phalanges. The IlluminOss Photodynamic Bone Stabilization System can also be used in conjunction with FDA-cleared fracture fixation systems to provide supplemental fixation in these anatomic sites. The IlluminOss System may be used in the femur and tibia to provide supplemental fixation to an anatomically appropriate FDA-cleared fracture fixation system.

EU Indication: The Photodynamic Bone Stabilization System is indicated for use in fracture alignment reduction. It provides stabilization for bone fractures using a minimally invasive technique in which the bone is not subjected to significant weight bearing forces. This IlluminOss procedure pack is intended for use in treatment of the metacarpal, phalange, clavicle, radius, ulna, distal radius, olecranon and fibula. It is also intended for use in treatment of acute fractures of the humerus, and impending and actual pathological fractures of the humerus from metastatic bone disease.

For more detailed procedural information including Warnings, Cautions, Risks & Contraindications, please see the respective IlluminOss Surgical Technique Guide, Package insert or visit www.illuminoss.com

993 Waterman Avenue
East Providence,Rhode Island 02914
Phone: 401-714-0008
Case Support: 833-LITE-FIX