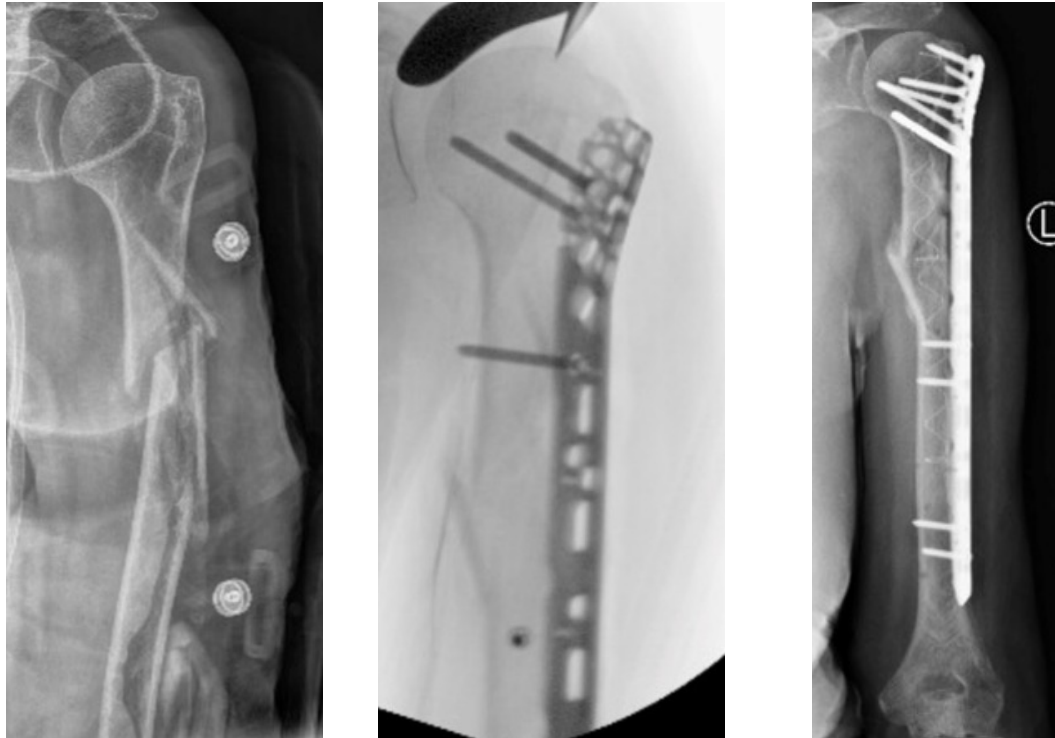


Case Illustration

IlluminOss Used in Conjunction with a Plate in the Treatment of a Humerus Nonunion



A female geriatric patient sustained a proximal humerus fracture and was initially treated non-operatively. Past medical history was significant for osteoporosis. After a year, she presented to the office complaining of pain and discomfort. X-rays revealed a non-union of the humerus fracture. The patient was treated operatively with an IlluminOss implant with plate and screws. Alignment was achieved by placing the plate along the humerus with screws outside of the intramedullary canal. A small incision was made, an IlluminOss implant was inserted, filled with liquid monomer, and cured with visible light. At 2-months post op, x-rays showed bone consolidation and patient reported no pain and full range of motion in her shoulder.

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