

## Case Illustration

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### Weber B Fracture

An IlluminOss implant was used in the treatment of a Weber B fracture on an 81-year-old female patient suffering a Weber B fracture of the left fibula after a fall. Using fluoroscopy, a sharp clamp was positioned percutaneously in order to achieve and maintain reduction of the fracture. A small incision was made at the distal lateral malleolus and a pathway was created with a cannulated 4.0mm awl to allow the canal to be prepared with flexible burs of 5.5mm and 6.5mm diameter delivered over a 1.2mm guide wire. A 9mm x 160mm implant with a 4.5mm sheath was introduced into the canal and infused with monomer expanding the implant and filling the canal. Positioning of the implant and reduction of fracture was controlled using fluoroscopy. The implant was polymerized using visible blue light from the IlluminOss lightbox stabilizing the fracture. Incisions were closed by sutures. Day one after surgery the patient was walking under full weight bearing with an ankle brace and was discharged the day after.



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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.illumino.com](http://www.illumino.com)

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