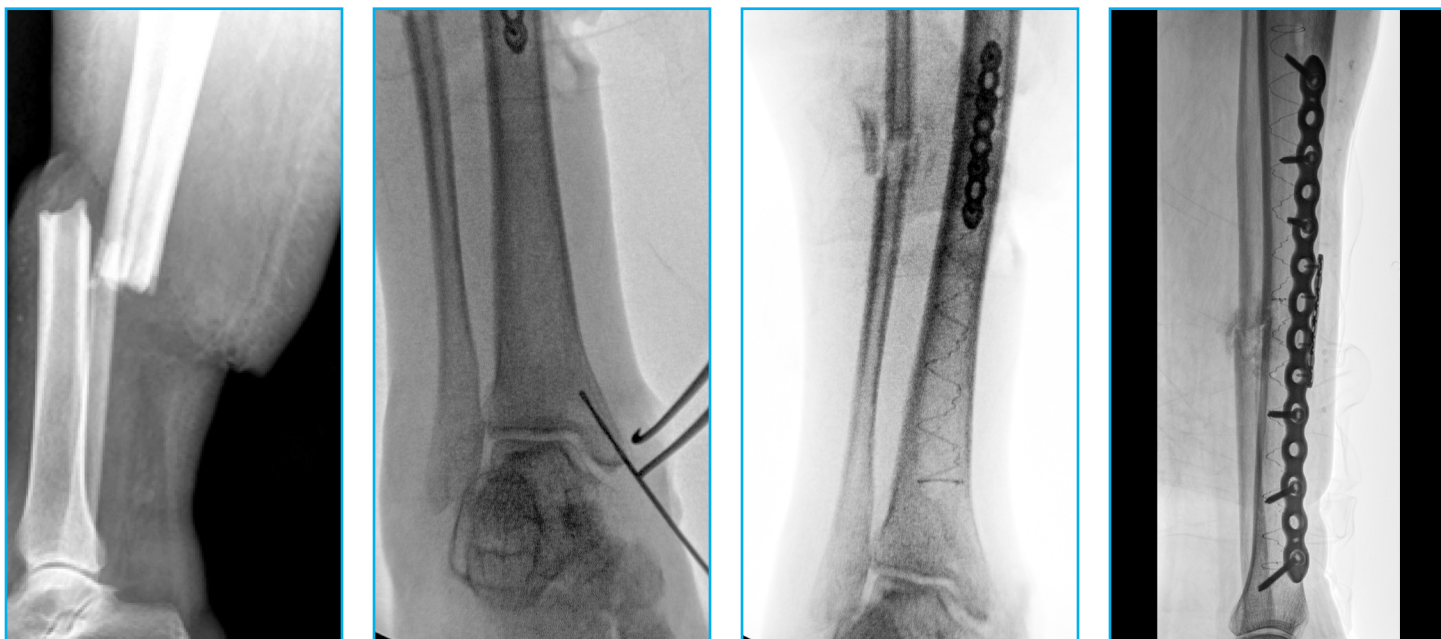


## Case Illustration

### Tibia Fracture



A 64-year-old female presented with a Type IIIA open tibia fracture after a fall from stairs. Past medical history was significant for knee osteoarthritis precluding insertion of a tibial intramedullary nail. Patient was treated operatively by using a unicortical mini fragment plate to achieve an anatomic provisional reduction after debridement and irrigation. Next, through a minimally invasive small incision in the medial malleolus, a guidewire was placed. The IlluminOss implant was then inserted, filled with liquid monomer, and cured with visible light. Attention was then placed to supplement fracture fixation with a plate and screw construct for support. Once the wound healed at 2.5 weeks, she was allowed to weight bear as tolerated. At follow up, reduction was maintained, and the patient was ambulating with no pain.

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.

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