

## **Solutions For Challenges In Intramedullary Nailing**

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A variety of fracture patterns and locations present challenges in intramedullary nailing.

Proper rotational alignment is a frequent challenge in comminuted fractures of both the femur and tibia. Several radiographic methods can be used to confirm the proper rotational alignment. Varus / valgus malalignment may require the use of blocking screws.

There are several solutions for challenges posed by proximal tibia fractures, including adjunctive plate fixation, blocking screws, and use of a suprapatellar nailing technique.

Many of the challenges posed by subtrochanteric femur fractures can be solved by using a lateral position for intramedullary nailing.

Free-hand interlocking remains challenging and time consuming for many surgeons. Radiographic tips and computer assisted techniques are two solutions to this challenge.