**Design Rationale**

Screw targeting during intramedullary nailing of long bone fractures can be a laborious process and is highly dependent upon fluor technicians, often becoming the most frustrating and time-consuming step of the procedure. The vast majority of surgeons use a fluoroscopic method reliant upon obtaining ‘perfect circles’. This technique requires assistance to hold the extremity in a specific position and expertise from the radiology technician. Additionally, this technique is characterized by a moderate learning curve with variable accuracy, the potential for screw malalignment and exposes the patient and surgical staff to radiation.

The TRIGEN SURESHOT Distal Targeting System utilizes an electromagnetic field generator, a probe inserted into the nail, and virtual imaging to facilitate distal locking without fluoroscopy. This revolutionary system is radiation free, position independent, and provides 3D real time feedback of location and orientation of the drill relative to the nail interlocking hole to provide unsurpassed accuracy. The TRIGEN SURESHOT Distal Targeting System was designed to mimic the ‘perfect circle’ technique and has virtually no learning curve.

In combination with the superior TRIGEN IM Nail System, the TRIGEN SURESHOT Distal Targeting System allows surgeons to exercise maximum operating room control, benefiting everyone including the patient and OR staff. TRIGEN SURESHOT delivers optimal outcomes by providing the surgeon maximum command during intramedullary nailing and by reducing radiation exposure, anesthesia time and time in the OR, all while increasing accuracy.

The TRIGEN SURESHOT Distal Targeting System is the revolutionary approach to distal locking and further establishes the TRIGEN IM Nail System as the driving force in advancing and improving the efficacy of intramedullary nailing.