

FireFly Mechanical Surgical Guidance System

SpineCraft LLC is pleased to announce that it has entered into an agreement with Mighty Oak Medical to use the **FireFly Mechanical Surgical Guidance System** with SpineCraft **ASTRA & APEX Spine Systems** for deformity correction and complex spine surgeries.

The Firefly system includes a CT-based surgical planning guide that enables the surgeon to pre-select pedicle screw trajectories along with implant sizes. Based on the surgical plan, the FireFly System 3D prints bilateral segmental drill guides that affix to the patient's bone and mirror the surgical plan trajectory. This combination of pre-surgical planning and mechanical guidance allow for extremely accurate screw placement which is especially valuable on challenging complex spine procedures.

The **FireFly-ASTRA & FireFly-APEX Systems** can also greatly improve operating theater efficiency through the delivery of a patient specific implant tray configuration. By way of the planning software SpineCraft can deliver the preselected implants arranged in sequential order in a patient specific implant tray. The patient specific implant tray can improve surgical flow and significantly reduce the amount of implant inventory historically required for large spine surgeries.

