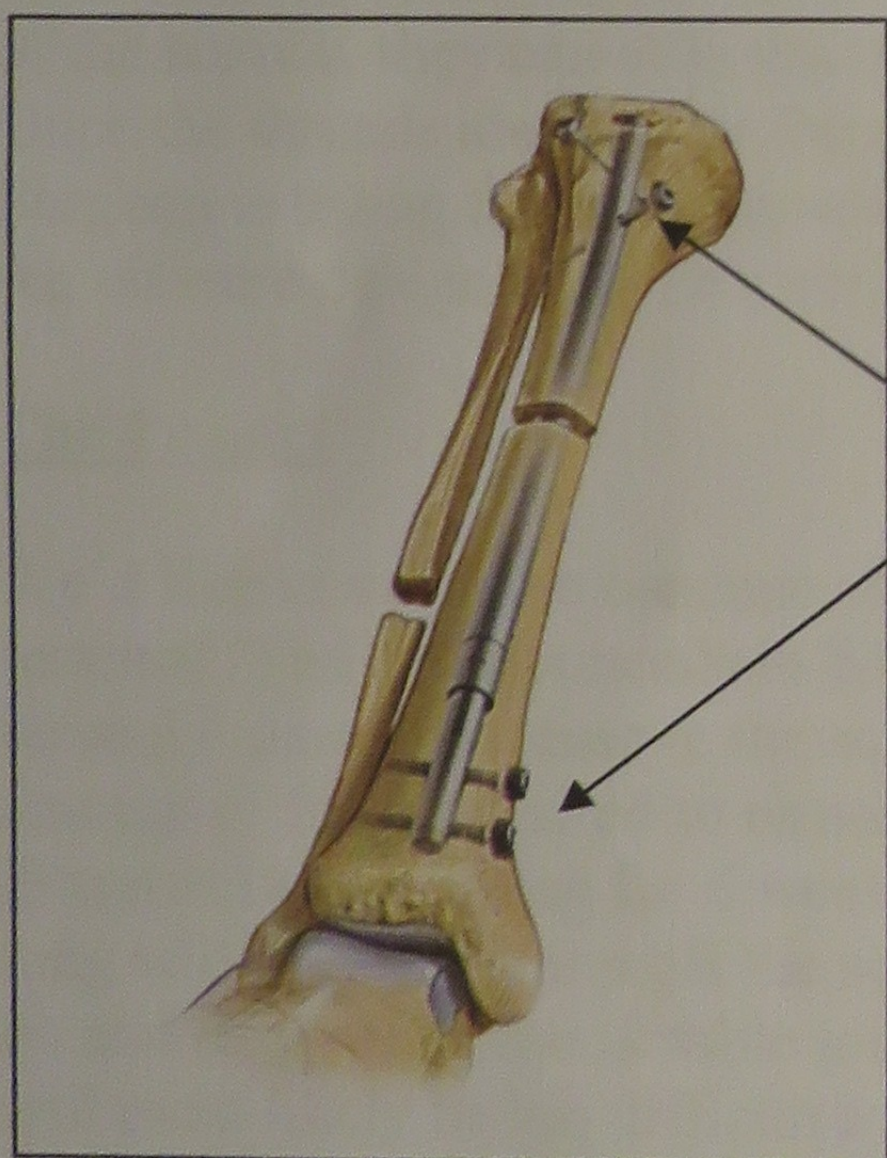


Memo

Date: March 12th, 2007
To: Mark Smith
Cc:
From: Paul Vasta, Mike Thomas
RE: ISKD Screw Removal Device Concept

Overview

Orthofix Inc. sells a limb lengthening device called the ISKD (Intramedullary Skeletal Kinetic Distractor). Simply, this is a 2 segment lengthening nail that is inserted into the bone canal for deformity correction, or patient height increase) Back and forth movement of the 2 segments causes the nail to distract, and the limb to lengthen (the bone is purposely broken to allow this distraction). Each segment of the ISKD is secured to the bone with two screws. See pictures below;



This ISKD comes in several sizes, intended for either the femur (upper leg) or tibia (lower leg).

These 4 screws are inserted into the bone, and located through holes in the ISKD



Close up of ISKD screw

Orthofix: Proposal