



Figure 8: CTOR Plates and insertion kit. In this patient, we used a CTOR Intrusion Plate (A), secured to the plate with two TADs (B), 2 mm thick and 7 mm long. These TADs can be inserted by hand instrument (C) or a slow-speed motor. Capping screws were tightened to the TAD using a magnetic handheld screw driver (D) to secure the Intrusion Plates to the TADs (E). This system allows easy removal of the plate for necessary adjustments at a later time (psm-medical.com). There are several advantages to the use of external plates compared to the use of TADs alone, including better resistance to moments and forces that may unscrew or destabilize conventional single TADs