

Case Report #OI6-3 (CASE ID:HE)

Product: adbone®TCP (TCP040715G)

Quantity Used: 15g

Country: Turkey

Doctor: Dr. Serdar Ercan

Indication: Spine Surgery

Patient: Male, 65-year-old

Medical History: Nothing relevant.

Surgery date: 22nd of January 2020

Case Summary: The patient suffers from a neurogenic claudication with no relieve with medication or rehabilitation. The patient has mild hypertension, in control with medication. A L2-S1 transpedicular posterior stabilization surgical procedure was performed. Bilateral transpedicular screws were implanted to L3-L4-L5 vertebral body. Laminectomies were performed to L2 and L3. The rods were inserted between the screw heads. After hemostasis, adbone®TCP bone grafts were inserted into lateral border of the rods (between rod and transverse process). Hemovac drain was placed towards all surgical sites. Fascia and skin were closed with proper suture materials. The site regeneration was monitored with x-ray follow-ups from 10 months to 1 year and 3 month showing a complete resorption of adbone®TCP and new bone formation.



Figure 1 – Pre-Operative X-Ray



Figure 2 – Post-Operative X-Ray showing visible granules of adbone®TCP



Figure 3 – 10 month Follow-Up X-Ray showing good ossification process and almost complete resorption of adbone®TCP granules



Figure 4 – 1 year and 3 month Follow-Up X-Ray showing complete osteointegration of the bone defect site and complete resorption of adbone®TCP granules.