

# **New Guy at the Stent Grafts Market, Atlas Stent Graft 6 Months Results, Single Center Experience**

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## **Objective:**

**Objectives:** Although stent grafts are frequently used for iliac artery and superior femoral artery lesions, they have been developed as a safe and less invasive treatment method for the treatment of any type of vascular injury. There are many stent grafts available in the global medical market for these treatments. In this study, we aimed to present the 6-month early results of the newly developed The Atlas Stent Graft (Invamed, Ankara ).

## **Methods:**

The Atlas Stent Graft was implanted in 58 patients (22 female, 36 male) for endovascular treatment of iliac artery and calcific stenotic superior femoral artery lesions in our clinic between March 2023 and May 2024. The mean age of the patients was 63.4 years. Of the treated lesions, 48 were iliac artery occlusions and severe calcific stenotic stenoses, while 10 were superior femoral artery (SFA) lesions. The patients were followed up with ankle brachial index (ABI), Rutherford score (RS) and Doppler ultrasonography (DUSG) from the pre-intervention period to the sixth month after the intervention.

## **Results:**

According to the 6-month DUSG, ABI and RS follow-up of the patients, the primary patency rate of the stents placed in the iliac artery region was found to be 46/48 (95.8%), while this rate was found to be 9/10 (90%) in SFA lesions. No complications were observed during the procedures.

## **Conclusion:**

In our study, after 6 months of follow-up, we found low complication and high primary patency rates in iliac artery and SFA lesions in cases where Atlas Stent Graft was used.