

Clinical News Bulletin

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AndraTec Lokum Lunderquist Guidewire using the Anaconda AAA Stent Graft System; **CASE REPORT - Union Netcare Hospital - Johannesburg, South Africa**

References: Dr. Athar Arain, Dept. of Vascular Surgery - Union Netcare - Johannesburg, South Africa

Case report:

A 77-year-old female patient was referred to our hospital with the presence of an aortic aneurysm of Ø 55 mm diameter. She was suffering from severe back and abdominal pain, with history of COPD (Chronic Obstructive Pulmonary Disease, IHD (Ischemic Heart Disease) and very high BMI (Body Mass Index).

Consequently, we decided to treat the patient with a Anaconda AAA stent graft system (Vascutek, Scotland) over a **Lokum Lunderquist guide wire (AndraTec, Germany)** 260 cm in length, with a 10 cm flexible Tip and 6 mm J-Tip, which seemed to meet the requirements of this type of intervention perfectly.

The atraumatic soft tip of the **Lokum Lunderquist** was also taken into consideration, since this feature may have helped perform a safer intervention. However, the anatomy of the patient being mild tortuous, the wire could not fully realize its benefits as the stiffness of the shaft is exceptional.

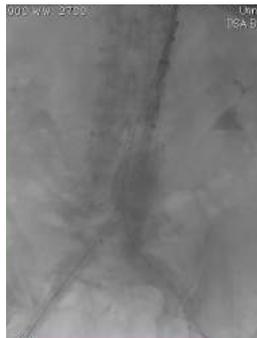


Fig. 1

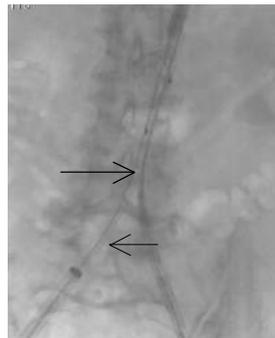


Fig. 2

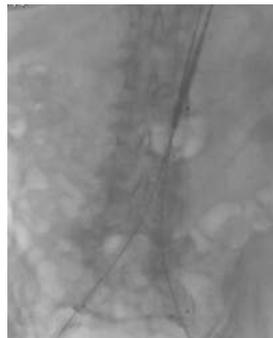


Fig. 3



Fig. 4

The patient was only selected for an elective AAA stent-graft procedure because of her severe comorbidities.

The Vascutek Stent graft is a 3-piece system that offers high conformability and adaptability.

The **Lokum-Lunderquist (AndraTec)** is an ideal tool for these Abdominal & Thoracic Stent Grafts; its highly flexible atraumatic tip ensures a safe procedure, and allows an easy passage of the device by providing excellent support.

Pre-Angio of the AAA (Fig. 1). The main body of the Vascutek Graft was implanted at the level of the renal arteries (Fig.2) via the **Lokum-Lunderquist** wires. The marker scheme was simple (Fig. 3) and both limbs could be easily advanced afterwards. In this case, post-ballooning of the graft was not performed since a good expansion of the graft was clearly visible. The high visibility of the wire also provided us with extra safety (Fig. 2 & 3). See Final Angiogram (Fig. 4).

Note: The main advantages of the **Lokum Lunderquist** guide wires are increased stability, low friction and good radiopacity, all of which allow safe and fast procedures.

Conflict of Interests

The authors declare they have no potential conflict of interests or any financial relations.