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Endovascular vs. Surgical fistula – What is the difference in handling?

Abstract

50 years after the successful surgery of an arteriovenous fistula by Cimino and Brescia, endovascular fistulas have reached a level of maturity for clinical use. There exist two devices on the market, WavelinQ™ and Ellypsys®, which are attractive candidates for a breakthrough in the creation of a vascular access for extracorporeal therapies.

In my presentation I will introduce both devices and display the differences in physical examination and first cannulation compared to the surgical fistula using these techniques in clinical routine. The picture will be completed by current literature, case reports and a personal conclusion.