

POSTER PRESENTATION

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Our surgical procedure in acut thrombosis of stent graft using in treatment of pseudoaneurysm developing in popliteal anastomosis region of previous cross-over composite sequential femoro-popliteal bypass

K Ergunes*, E Celik, O Gokalp, H Iner, H Cakir, A Gurbuz

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Background

Occlusion of femoro-popliteal bypass graft represents a limb and life-threatening condition requiring emergency intervention.

Methods

A 66-year-old man was admitted to our hospital on November 11, 2012. He had a painful, pulseless, and cold below-knee in right lower extremity. He had previous right cross-over composite sequential femoro-popliteal bypass. Angiography showed acute occlusion of cross-over composite femoro-popliteal bypass graft and stent graft used in treatment of pseudoaneurysm developing in popliteal anastomosis region of this graft. Proximal EPTFE graft was occluded with thrombus in arteriography.

Results

Thrombectomy was performed with the 5F Fogarty balloon catheter and excessive thrombus was extracted. A thrombo-embolectomy was performed to the distal of popliteal artery, but thrombus was not detected in this region. The patient was performed a new interposition saphenous vein graft between the proximal EPTFE graft and distal popliteal artery. The patient received low-molecular weight heparin in postoperative period. He received warfarin and acetylsalicylic acid in follow-up.

Right lower extremity pulses were palpable in post-operative period. Right lower extremity had good function in follow-up at 6 months.

Conclusions

We showed importance of saphenous vein graft bypass and thrombectomy in a case of having acute occlusion of cross-over composite sequential femoro-popliteal bypass.

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* Correspondence: kazimergunes@yahoo.com
Izmir Katip Celebi University Atatürk Training and Research Hospital,
Department of Cardiovascular Surgery, Izmir, Turkey