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Short Report (Technical note) Rotated superficial femoral artery patch after Common Femoral Artery Endarterectomy

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Abstract: Following common femoral artery (CFA) endarterectomy, patch angioplasty is recommended to prevent restenosis. Autologous patches are less likely to become infected and have longer patency than synthetic patches. 1 Where the superficial femoral artery (SFA) is occluded, endarterectomised segments provide suitable patches. 2 SFA patches have also been used successfully in arterial reconstruction after removal of infected prosthetic material. 3 We report a technique using endarterectomised SFA as an autologous patch in CFA endarterectomy. This simple technique maintains the integrity of the saphenous vein and obviates the use of synthetic materials.