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COUP D'OEIL

Pyoderma Gangrenosum After Common Femoral Artery Endarterectomy and Patch Plasty

Laura Kerselaers ^{a,*}, Martine Grosber ^b

^a Department of Vascular Surgery, Universitair Ziekenhuis Brussel, Brussels, Belgium

^b Department of Dermatology, Universitair Ziekenhuis Brussel, Brussels, Belgium



Right common femoral artery endarterectomy with bovine patch plasty was performed in an 81 year old man. Post-operatively the patient developed a fever and erythema around the wound; antibiotics were administered. Subsequently, the wound started to produce turbid exudate. Debridement was performed and negative-pressure wound therapy applied. This led to a dramatic deterioration of the wound edges (panel A). Biopsy of the edge of the lesion showed necrosis and a dense neutrophilic infiltrate also involving the blood vessels, compatible with pyoderma gangrenosum (panel B). Intra-operative cultures remained negative. Corticosteroids were initiated, which led to an important improvement of the wound. The wound healed by secondary intention.

* Corresponding author. CHVZ-UZB, Laarbeeklaan 101, 1090 Jette, Belgium.

E-mail address: laura.kerselaers@uzbrussel.be (Laura Kerselaers).

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