## Background

Vascular closure devices are commonly used to achieve rapid haemostasis following arterial puncture. Device failure rates are low. In the event of device failure, arterial occlusion can lead to severe limb ischemia. Open surgical repair is often thought to be the only treatment option.

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<th>Case</th>
<th>Conclusion</th>
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| • A 73 year old female underwent diagnostic peripheral angiogram, access was achieved via retrograde approach.  
  • The Angio-Seal device (collagen plug) was used to seal the puncture site.  
  • Post operatively, patient developed acute limb ischemia symptoms.  
  • Angiography confirmed the footplate of the Angio-Seal had occluded the femoral artery.  
  • The occlusion was crossed using support catheter and glidewire. Filter wire was deployed in the distal SFA.  
  • Silver Hawk atherectomy device followed by angioplasty resulted in resolution of the occlusion with good flow. | Crossing the occlusion caused by failure of the Angio-Seal closure device and subsequent atherectomy using Silver Hawk catheter and angioplasty balloon resulted in satisfactory relief of the femoral artery occlusion without the added risks of open surgical revascularization and general anesthetic. |