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Effect of Percutaneous Thrombin Injection under Ultrasonography Guidance for Occlusion of Common Femoral Artery Pseudoaneurysm after Failed Ultrasonography-guided Compression : A Case Report¹

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The occurrence of pseudoaneurysm of the femoral artery after catheterization is uncommon. Ultrasonography-guided compression is currently the first choice of treatment, with a success rate of more than 90%. Recently, however, with the increasing use of larger percutaneous instruments and periprocedural anticoagulation, the incidence of pseudoaneurysm unresponsive to ultrasonography-guided compression is increasing. The authors encountered a case of pseudoaneurysm of the common femoral artery which did not respond to the repeated use of this technique, though treatment involving was successful. We believe that in ultrasonography-guided percutaneous thrombin injection was successful. We believe that in cases involving occlusion of a pseudoaneurysm in which ultrasonography-guided compression has failed, this is a simple, safe, and time-saving procedure.

Index words : Aneurysm, femoral
Angiography, complications
Ultrasound (US), guidance

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