

Venock Medical UG

Business Strategies

Venock Medical is developing an automatic closure system for large bore punctures in veins following interventional catheter-based therapies.

Core Technologies and Services

A dramatic increase in venous interventional procedures is expected once novel developmental technologies for structural heart treatment mature. These new interventional procedures, such as Mitral- and Tricuspid-Valve procedures, will require a large bore femoral vein access. Consequently, successful venous closure will have significant relevance.

Due to the lack of a reliable venous closure device, manual compression is used today to stop vessel bleeding. After a transvenous intervention, manual compression is performed for 30-60 minutes by hand, while the patient is immobilized. This is followed by 6 hours with a compression bandage and a heavy sandbag while the patient is bedridden. With such measures, hemostasis can be achieved in nearly all venous perforations. This procedure, however, is uncomfortable and time consuming with related costs.

Venock will provide automated closure of large bore venous perforations within 1-2 minutes. It will prevent complications, such as large hematoma, and patients can be mobilized within very short time. The quick and efficient vein closure of large bore vein perforation will allow the transfer of more therapies from in-patient to out-patient settings, saving hospital resources, time and capital.

Patent, Licenses, Co-operations

Venock Medical is the owner of the international patent.