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CLINIC EFFECT OF ANGIO-SEAL VASCULAR CLOSURE DEVICE AFTER CORONARY INTERVENTION

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Objective To evaluate the efficiency of Angio-seal vascular closure device in femoral artery closure after percutaneous coronary intervention (PCI).

Methods A total of 152 patients were divided into vascular closure device group (n=76) and manual compression group (n=76). The success rate of haemostasis, haemostasis time, bedrest time and complication incidence were observed.

Results There were no differences in the success rate of haemostasis in two groups ($p>0.05$). Compared with manual compression group, the time of haemostasis, the time of bed rest were markedly decreased in vascular closure device group ($p<0.05$). There was a significant difference ($p<0.05$) in vascular complication incidence between the two groups.

Conclusion Angio-seal vascular closure device provided a safe and effective means of obtaining rapid arterial haemostasis after coronary intervention. It reduces the bed rest time and complications.