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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.