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The therapeutic effect of needle embedded in PC6 (Neiguan) on myocardial ischemia in the porcine model

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Objective: To investigate the effect of needle embedded in PC6 (Neiguan) on ECG changes of myocardial ischemia in pigs.

Method: 11 Chinese miniature pigs were randomly divided into PC6 (Neiguan) group (n=6) and ST36 (Zusanli) group (n=5). The surgery were implanted for all pigs with the protein shrink narrow ring (Ameroid Ring) in the proximal part of the left coronary anterior descending branch for 4 weeks to make the chronic myocardial ischemia pig model, respectively, then needles were embedded in PC6 or ST36 for 2 weeks. The ECG was conducted before and after 4 weeks of operation, then 2 weeks after needle imbedded.

Results: The Q wave in the R lead of the ECG was observed in 10 (83.3%) pigs in the PC6 group and 9 (90%) pigs in the ST36 group after 2 weeks of needle imbedded.

Notes: