

[gw22-e0873] **INFLUENCE OF THE LEVEL OF HB-EGF IN SERUM ON INSTENT RESTENOSIS AFTER CHD STENTING**

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Objective To investigate the effect of the level of HB-EGF in serum on instant restenosis after CHD stenting.

Methods A total of 36 patients with in-stent restenosis and 44 patients free from restenosis confirmed by radiography were enrolled in this study. The level of HB-EGF in serum were compared between the two groups.

Result The level of HB-EGF in the group of with in-stent restenosis was higher than that in the group of non in-stent restenosis. Logistic regression analysis showed that the level of HB-EGF in serum sensitivity index $B=0.112$, $OR=1.025$, 95% CI 0.989 to 1.250 ($p<0.05$).

Conclusion The results suggested that the level of HB-EGF in serum was positively correlated to in-stent restenosis, the level of HB-EGF in serum can promote endotheliocyte proliferation and reconstruction of blood vessel.