**Method**

374 patients with de-novo long coronary arteries lesion who performed 2 Excel or Cypher stents which diameter varied 2.5 mm ~ 3.5 mm in department of cardiology, general hospital of CAFF were enrolled from in 2006.8 to 2009.3 retrospectively. These patients were divided to two groups by the type of stents implanted: Excel group and Cypher group. The incidence of composite MACE and stent thrombosis during hospitalisation and 12-month clinical follow-up outside hospital after PCI between two groups were compared, follow-up angiography were performed in several patients, and in-stent LLL, in-segment LLL and incidence of restenosis between two groups were compared.

**Result**

Clinical characteristics and characteristics of target lesion were similar between two groups, PCI procedure were similar except the ratio of pre-dilatation between two groups. Incidence of composite MACE during hospitalisation after PCI of Excel group and Cypher group were 5.7% and 6.1%, incidence of composite MACE 12-month clinical follow-up outside hospital were 6.6% and 8.8% respectively, incidence of acute/subacute stent thrombosis defined by ARC of Excel group and Cypher group were 2.8% and 2.5%, incidence of late stent thrombosis were 2.7% and 2.7% respectively, there were no significant differences between two groups; incidence of in-stent restenosis of Excel group and Cypher group follow-up were 6.0% and 9.6%, incidence of in-segment restenosis were 9.5% and 12% respectively, that revealed non-significant differences between two groups, in-segment LLL of Excel group and Cypher group were 0.11±0.06 mm and 0.12±0.08 mm, there were no significant differences between two groups, but in-stent LLL were 0.9±0.05 mm and 0.10±0.05 mm respectively, that showed significant difference between two groups (p=0.037).

**Conclusion**

The safety and efficacy of overlapped Excel stents were similar as overlapped Cypher stents in treatment of long coronary arteries lesion, meanwhile, overlapped Excel stents relieve in-stent LLL than overlapped Cypher stents; LLL of overlapped site was more severe than non-overlapped site, whatever Excel or Cypher stents, but there was no significant difference in ratio of restenosis between overlapped site and any other regions.