

## **Overview of DCA in unprotected LMT**

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Angioplasty in unprotected left main trunk (LMT) has been controversial. Recent several studies suggest that new devices such as directional coronary atherectomy (DCA) and stent may change the situation. Although coronary stenting in unprotected LMT is technically easy, there are some problems such as stent jail, stent thrombosis and in-stent restenosis. Moreover, long-term (>10 years) safety of metallic stent is still unknown because reactive inflammatory responses might induce late intimal hyperplasia in LMT. DCA can solve these problems

. DCA has been performed in 180 consecutive patients in our hospital since February 1992. From our data and other studies, the following points will be discussed in this lecture.