Acute MI < 4 hours onset

IV t-PA
Heparin, ASA

Randomize

Invasive:
Cath 18-48 hrs
Revasc if feasible

Conservative:
Cath if +ETT or ischemia

Pre-D/C ETT / RVG

Primary Endpoint:
Death or MI

6 week ETT / RVG

Follow-up 1 year
Williams DO, Circulation 1992; 85:533-42

**Conservative vs. Delayed Invasive Management Strategy**

**Death or MI to 1 Year**

- Conservative: 15.2%
- Invasive: 14.7%

**PTCA or CABG to 1 Year**

- Invasive: 72.2%
- Conservative: 35.5%*

*P<0.001

P=NS
TIMI IIB

Management Strategy

Cost Implications of Invasive Strategy

- 1000 Pts
  - 370 Caths saved
  - 400 PTCA.s saved

- $3000 per Cath
- $4000 per PTCA

$3,200,000 saved
With no difference in outcome

Williams DO, Circulation 1992; 85:533-42
IV Beta-Blockade Following Thrombolysis

Reinfarction (%)

- Late Beta-blocker: 4.5
- IV Beta-blocker: 2.3
- P = 0.02

Recurrent Ischemia (%)

- Late Beta-blocker: 21.2
- IV Beta-blocker: 15.4
- P = 0.005