Pre-hospital Administration of rPA in ST Elevation MI

Acute MI Suspected
12 lead ECG
Lytic Approved (Medical Control)

Reteplase 10 U
in ambulance

if transport >30 min,
2nd bolus of Reteplase in ambulance

Evaluation upon arrival in ED

Interventional Procedure + Abciximab prn

Lysis 2nd bolus of Reteplase 10U

Medical Therapy (no further lysis, no PTCA)
Results

Data = median times (Q1 - Q3)

Ambulance Arrival

ED Arrival

In-hospital Lytic

CONTROL GROUP
N = 598

STUDY GROUP
N = 309

62 min (47 - 85)

TIME SAVED

31 min
(24 - 37)

rPA Bolus

31 min
p < 0.0001*

*Adjusted for any effect of site and interaction

Morrow DA, J Am Coll Cardiol 2002; 40:71-77