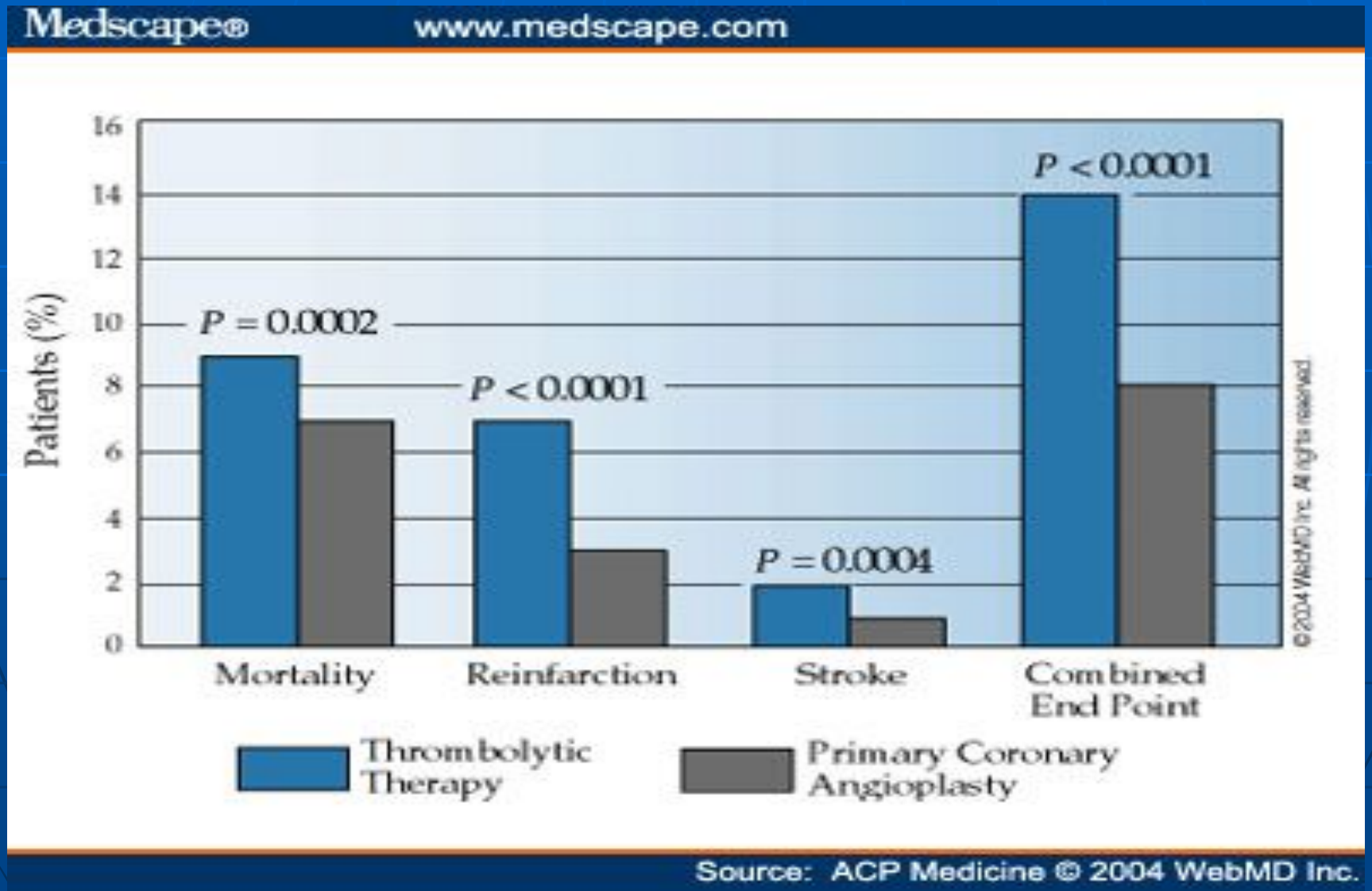
Медикаменты,ангиопластика, хирургия:как найти баланс

Беленький Дмитрий Ильич

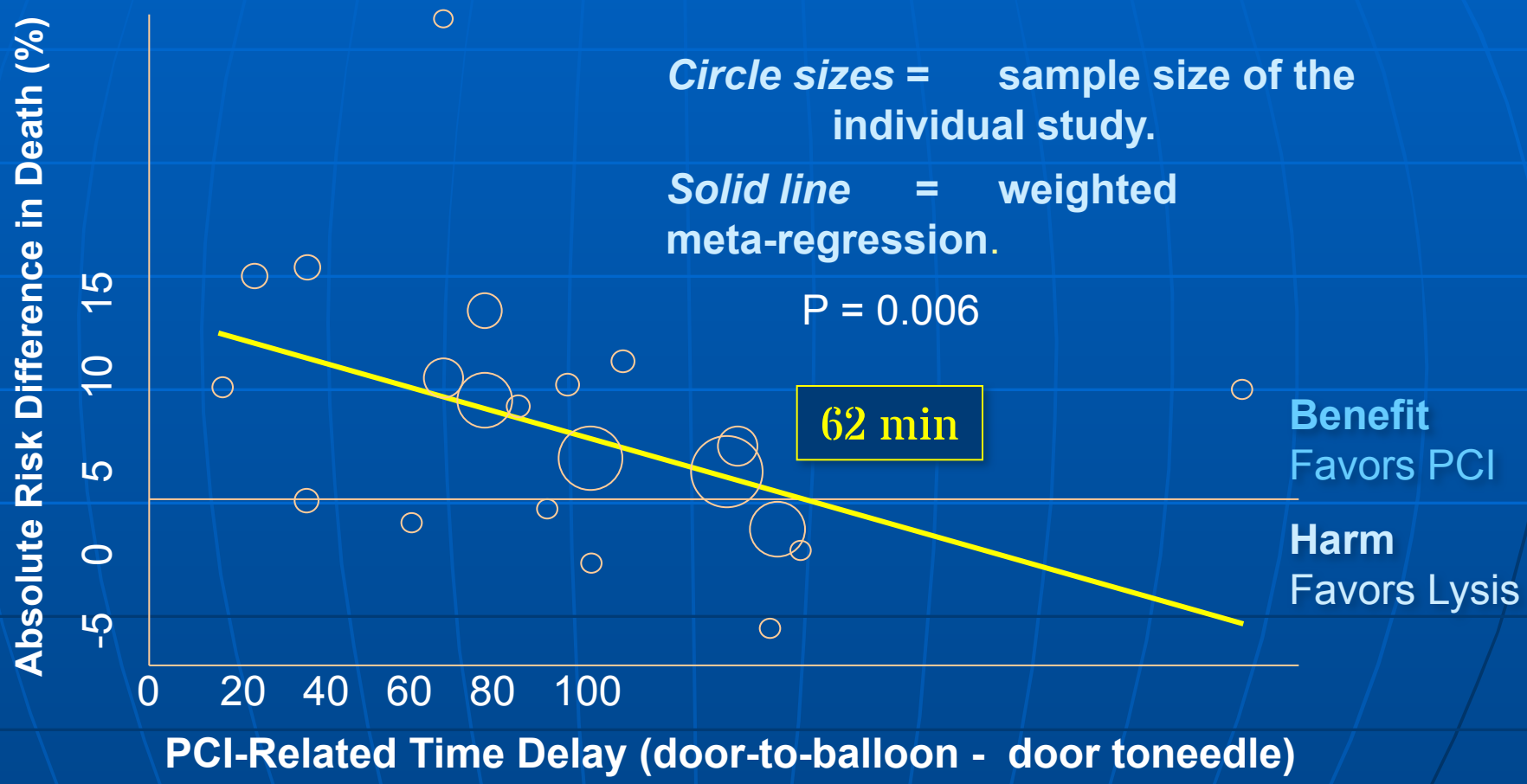
Проблемы

- Стабильная стенокардия
- ОКС без элевации ST
- ОКС с элевацией ST

Первичная ангиопластика в сравнении с тромболизисом



Mortality rates with primary PCI as a function of PCI-related time delay



For Every 10 min delay to PCI: 1% reduction in mortality difference towards lytics

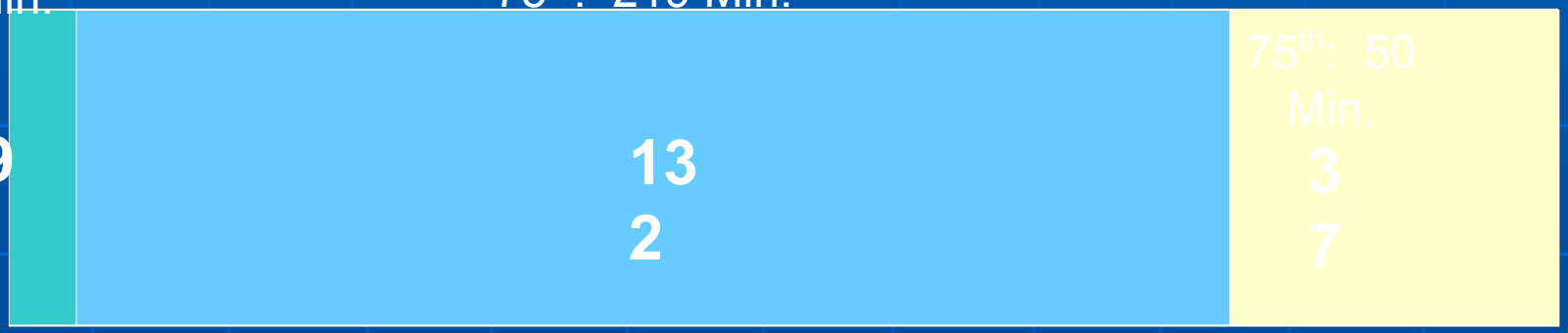
Nallamothu BK, Bates ER. *Am J Cardiol.* 2003;92:824-6

Door to Balloon Times Among Patients Transferred in NRMI 4

Door to Data:
50th: 9 Min.
25th: 4 Min.
75th: 16 Min.

Data to Cath Lab Arrival:
50th: 132 Min.
25th: 88 Min.
75th: 219 Min.

Cath Lab to Balloon:
50th: 37 Min.
25th: 28 Min
75th: 50 Min.



Total Door 1 to Balloon Time: 185 minutes (25th: 137; 75th: 276)

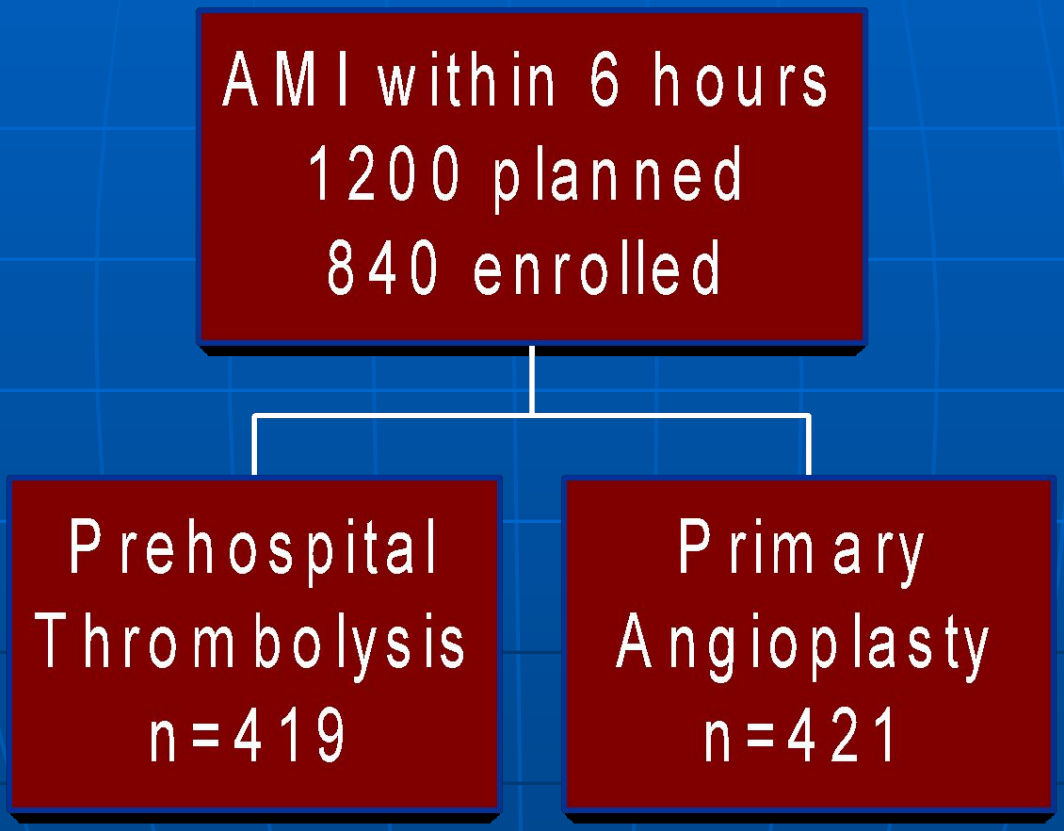
Percent of Patients with Door to Balloon Time ≤ 90 Min.: 3.0%

Sample Size: 1,346, Time Period: January 2002 – December 2002

Accessed on August 6, 2004 http://www.acc.org/clinical/

CAPTIM

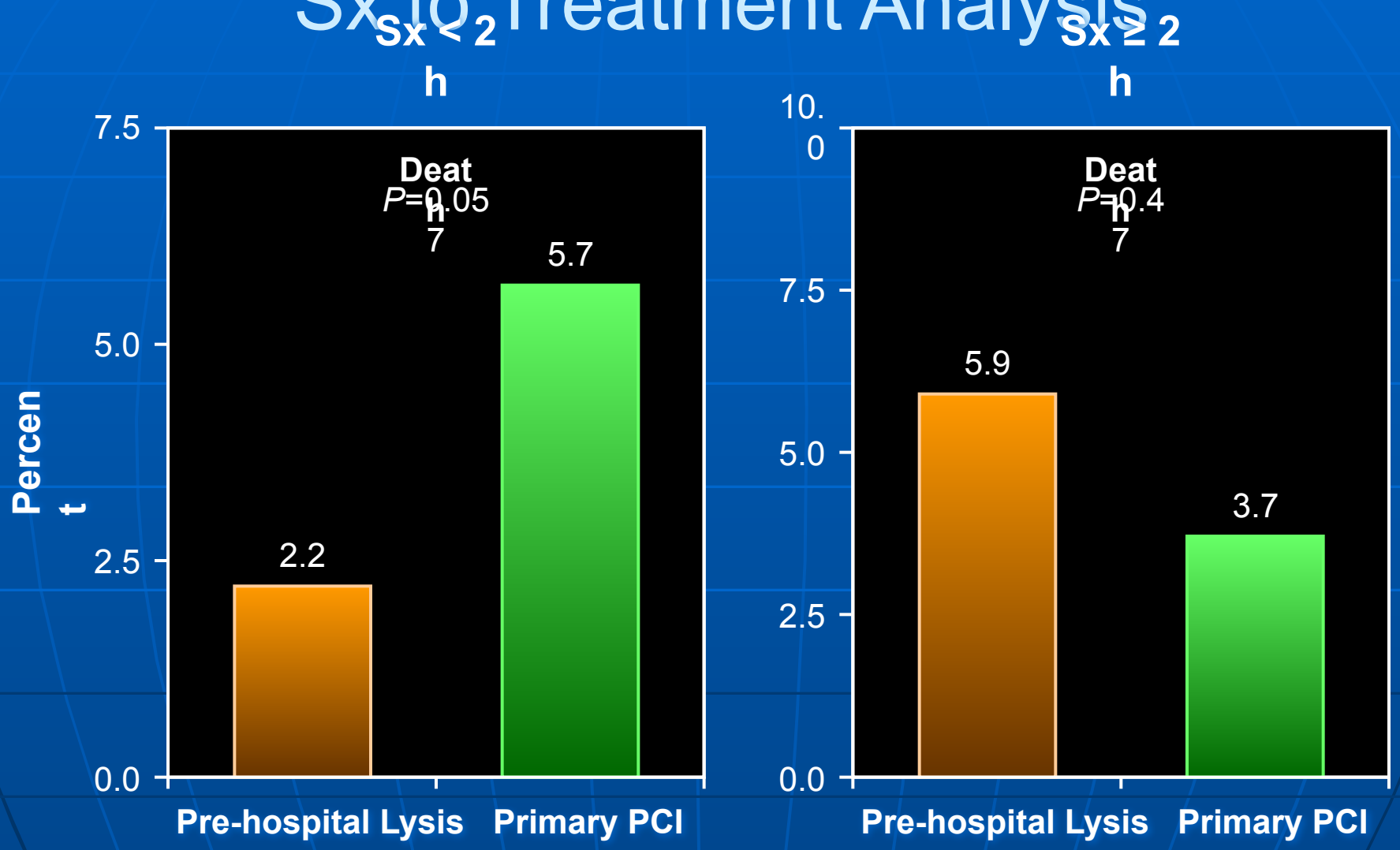
Comparison of Angioplasty and Prehospital Thrombolysis in Acute Myocardial Infarction



Primary Composite Endpoint- Death, Reinfarction, Disabling Stroke

Bonnefoy E, et al. *Lancet* 2002;360:825-9

CAPTIM -1Year Results
Sx to Treatment Analysis



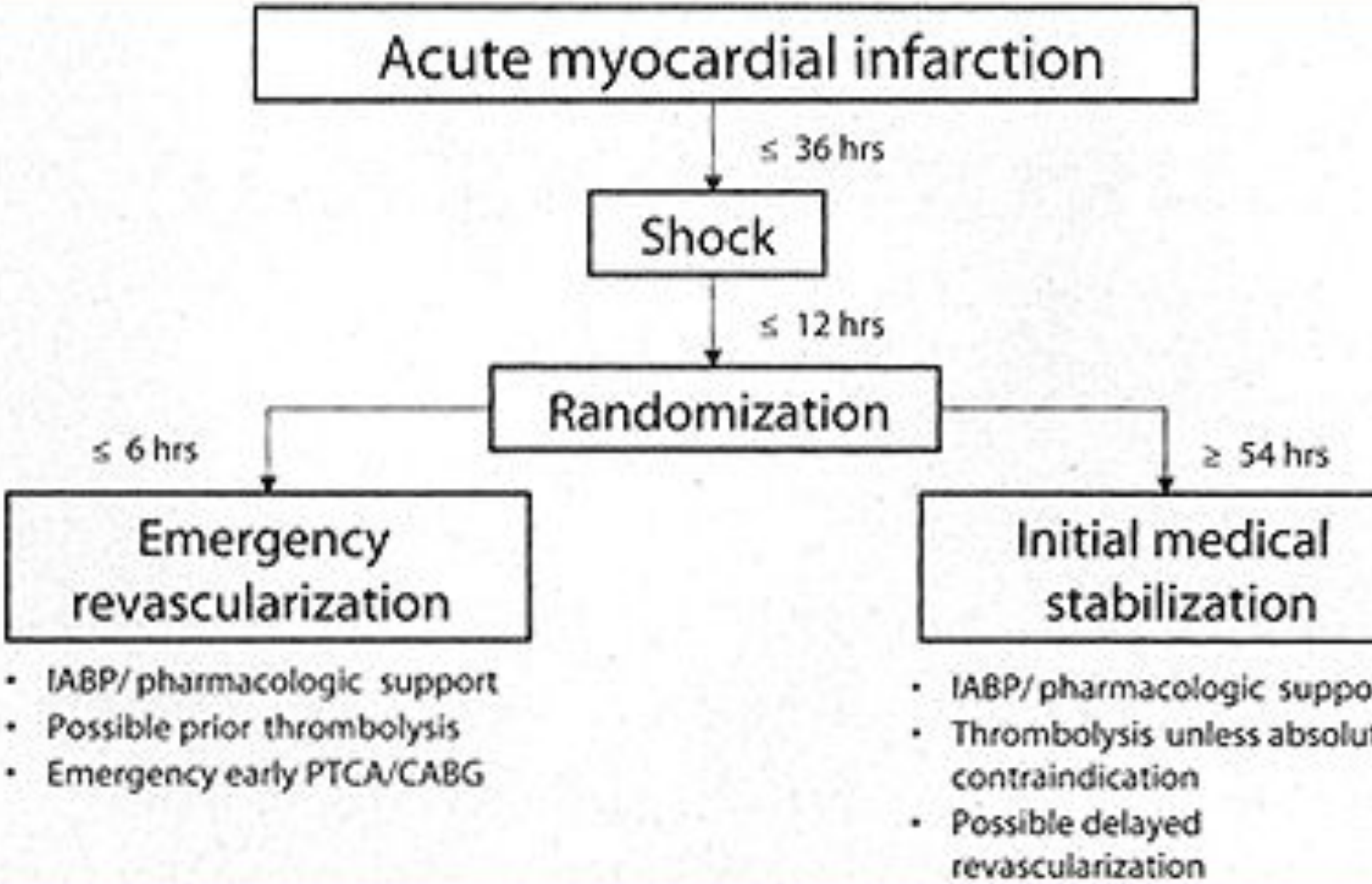
Touboul P. Presented at: The 18th International Symposium on Thrombolysis and Interventional Therapy in Acute Myocardial Infarction - George Washington University Symposium; November 16, 2002; Chicago, Ill.

Материалы МУЗ МКБ СМП № 2 за 2005 г

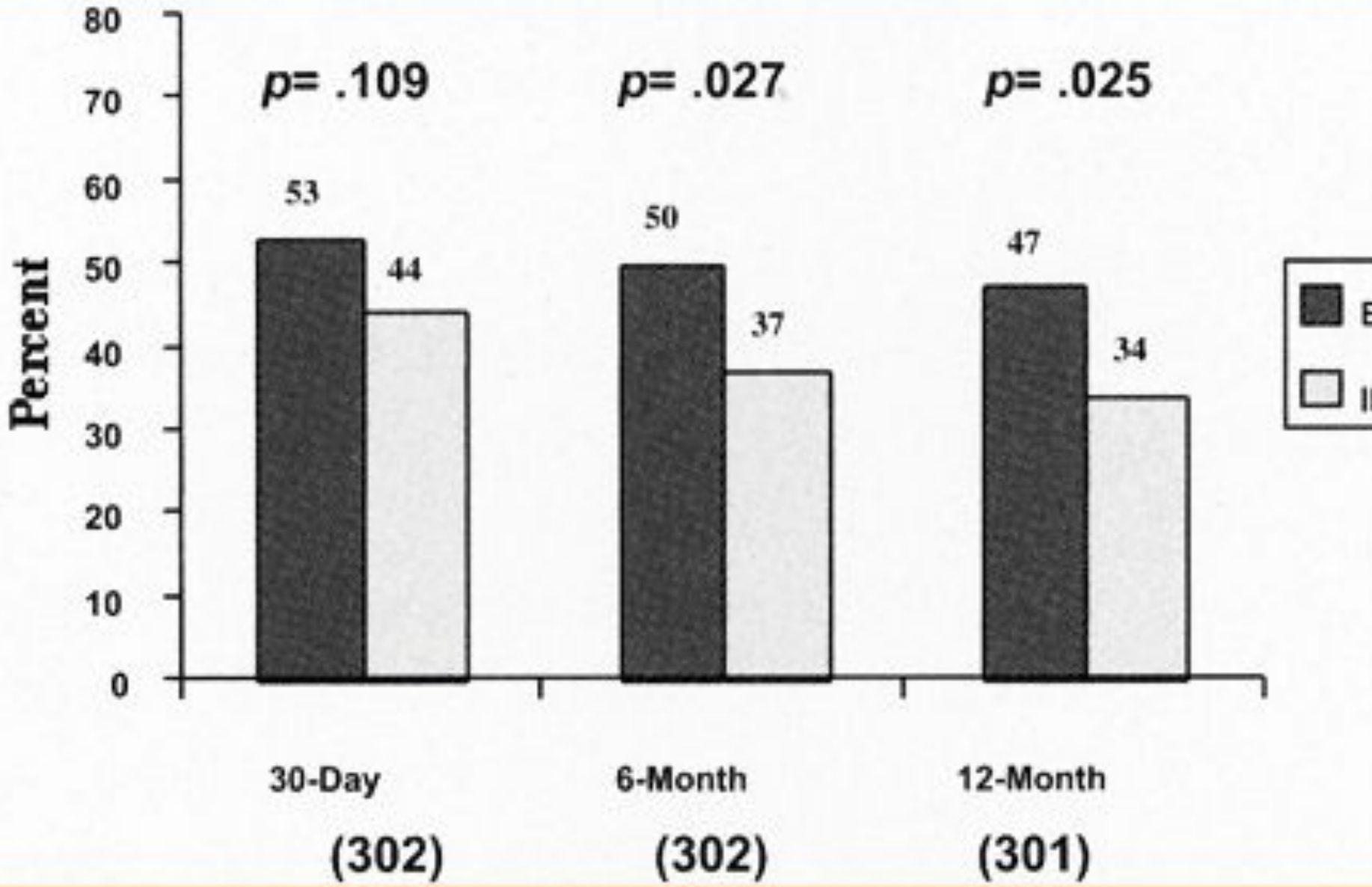
ОИМ
n-691

КШ
n-82(12%)

Умерло n-39(53%)

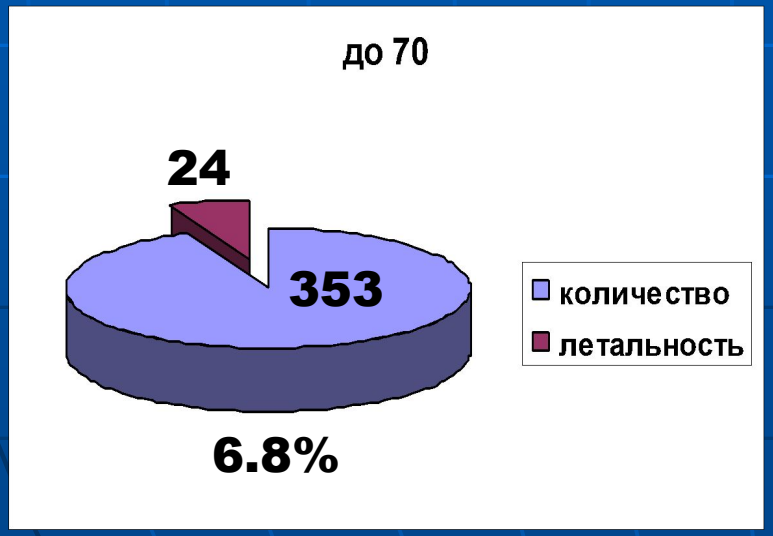


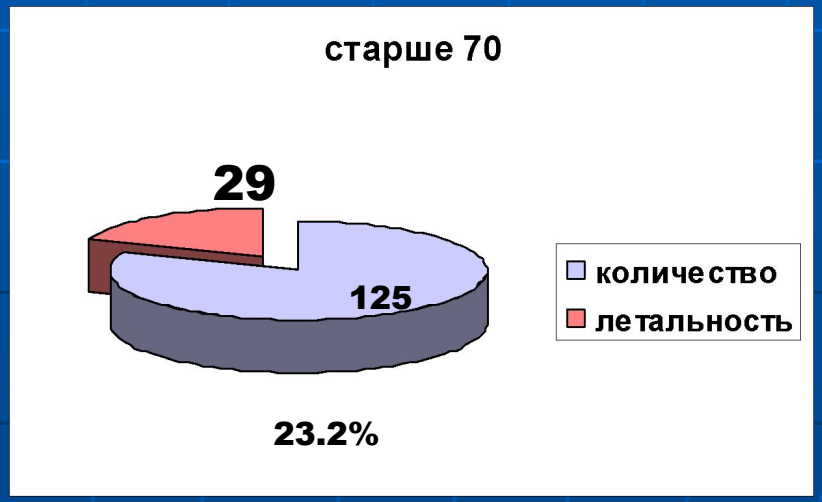
Source: CHF © 2003 Le Jacq Communications,



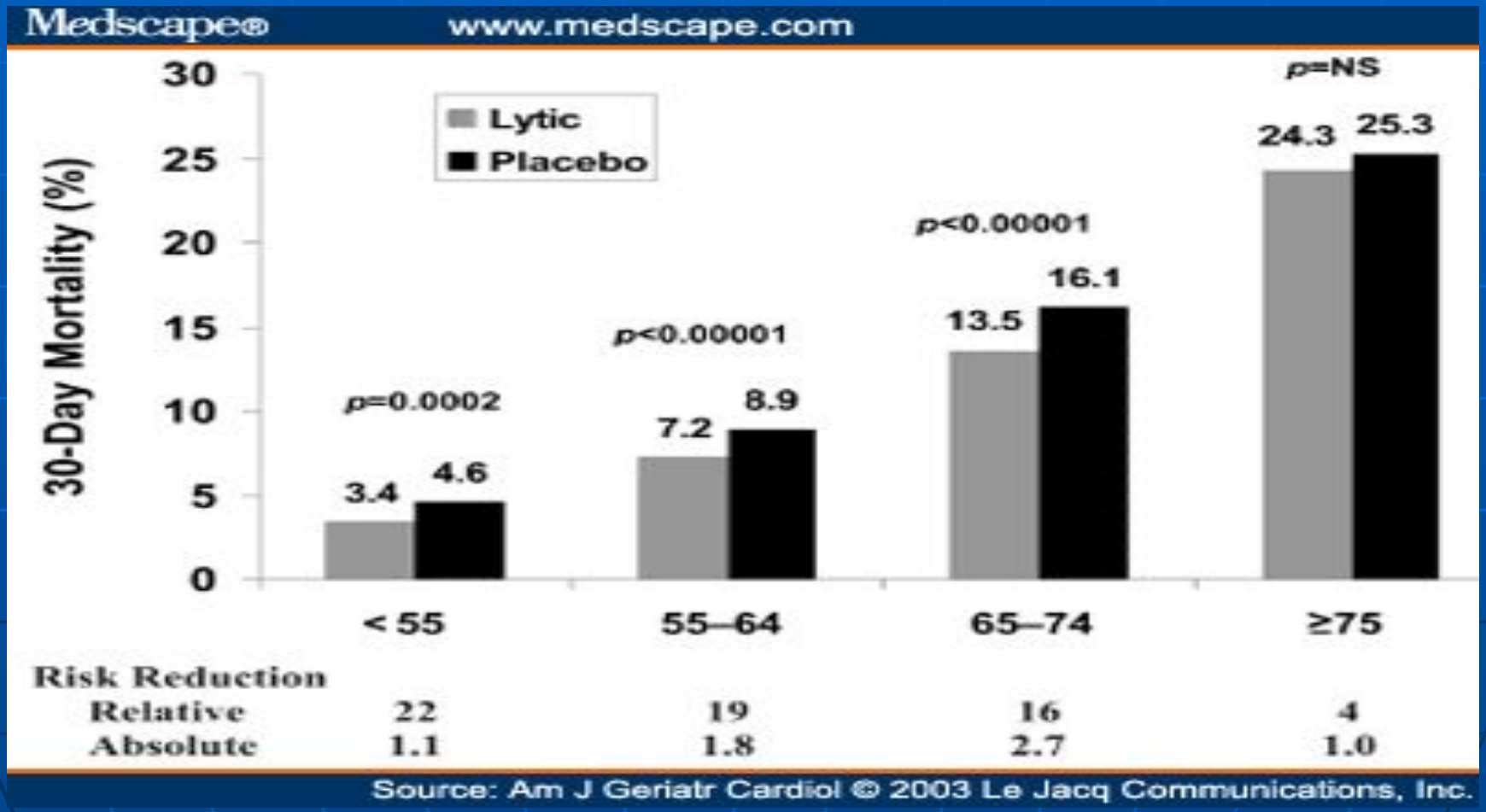
Source: CHF © 2003 Le Jacq Communic

Зависимость летальности от возраста





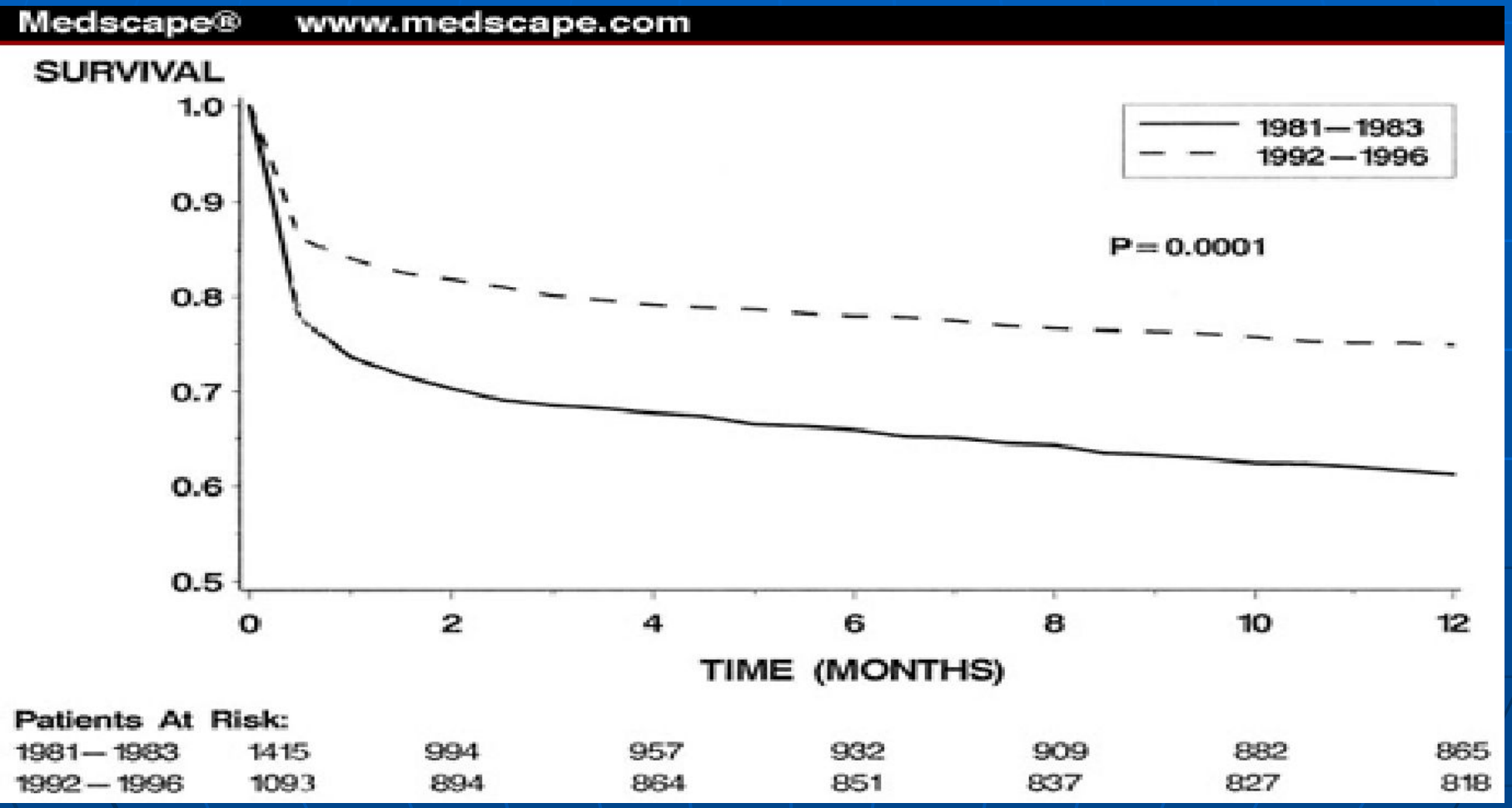
Эффективность тромболизиса в зависимости от возраста



Увеличение летальности у больных РЕ-ИМ

	ОИМ n-478	РЕ-ИМ n-23	Р
Летальность	11,8%	26,1%	0,02

Кривые Каплана-Мейера выживаемости больных Ре-ИМ



Summary: Selection of the Optimal Reperfusion Options for the STEMI Patient: 2004

Full Dose Fibrinolytic Monotherapy

- Door to balloon (D-B) > 90 min
- Lack of access to skilled PCI center
- (D-B) – (D-N) > 1 h
- < 3 h from symptom onset

Invasive Strategy

- Cardiogenic shock (age < 75)
- Bleeding risk
- Diagnosis in doubt (pericarditis/aneurysm)
- Door to balloon < 90 min
- Skilled PCI center available, defined by:
  - Operator experience > 75 cases/yr
  - Team experience > 36 primary PCI/yr
- Age > 75