



Table 1

ACSIS-2008: Demographics of Patients Hospitalized in Centers With and Without Surgery

| Demographics | With Surgery (N=914) | Without Surgery (N=849) |
|---------------------|---------------------------------|------------------------------------|
| Men | 79.6 | 79.0 |
| Women | 20.4 | 21.0 |
| Age (mean): | 64.0 | 62.6 |
| >65 yrs | 42.9 | 40.2 |
| >80 yrs | 12.9 | 11.1 |



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Table 2

ACSIS-2008: Cardiovascular History of Patients Hospitalized in Centers With and Without Surgery

| CV History | With Surgery (N=914) | Without Surgery (N=849) |
|-----------------------------|---------------------------------|------------------------------------|
| MI | 32.1 | 30.2 |
| AP | 39.7 | 38.4 |
| PCI | 34.8 | 33.3 |
| CABG | 10.8 | 8.8 |
| CHF | 8.0 | 8.8 |
| Stroke/TIA | 6.5 | 7.3 |
| Chronic renal failure (CRF) | 13.7 | 11.5 |
| PVD | 8.9 | 7.5 |



Table 3

ACSIS-2008: Risk Factors of Patients Hospitalized in Centers With and Without Surgery

| Risk Factors | With Surgery (N=914) | Without Surgery (N=849) |
|-----------------------|---------------------------------|------------------------------------|
| Hypertension | 61.0 | 57.3 |
| Diabetes | 35.4 | 39.3 |
| Dyslipidemia* | 77.4 | 71.6 |
| Current smokers* | 47.6 | 51.4 |
| Past smokers* | 56.5 | 43.5 |
| Family history of CAD | 25.4 | 28.4 |

* p<0.05



Table 4

ACSIS-2008: Length of Time from Symptom Onset to Admission of Patients Hospitalized in Centers With and Without Surgery

| | With Surgery (N=914) | | | Without Surgery (N=849) | | |
|--|-------------------------|--------|-----------|----------------------------|--------|-----------|
| | No. | Median | (25%-75%) | No. | Median | (25%-75%) |
| From symptom onset to seeking help | 120 | | (39-402) | 105 | | (47-364) |
| From seeking help to ER arrival* | 38 | | (0-67) | 43 | | (0-69) |
| From ER arrival to 1 st ward admission* | 87 | | (40-157) | 128 | | (54-223) |

* p<0.05



Table 5

ACSIS-2008: In-Hospital Medical Treatment of Patients Hospitalized in Centers With and Without Surgery

| Recommended treatment | With Surgery (N=914) | Without Surgery (N=849) |
|----------------------------------|---------------------------------|------------------------------------|
| Aspirin | 97.5 | 97.8 |
| Heparin (unfractionated/regular) | 36.1 | 37.4 |
| LMW heparin (fractionated)* | 46.4 | 54.0 |
| Clopidogrel* | 90.3 | 87.3 |
| ACE-I/ARB* | 77.4 | 72.0 |
| IIb/IIIa antagonists | 32.2 | 29.8 |
| Beta Blockers | 82.8 | 81.3 |
| LLD | 95.2 | 94.1 |

* p<0.05



Table 6

ACSIS-2008: Length of Time from Arrival to Primary Reperfusion of Patients Hospitalized in Centers With and Without Surgery

| | With Surgery (N=) | | Without Surgery (N=) | |
|-----------------------------------|------------------------------|------------------|---------------------------------|------------------|
| | Median | (25%-75%) | Median | (25%-75%) |
| From arrival to Prim. Reperfusion | 65 | (37-106) | 58 | (33-108) |
| From arrival to TLx | 35 | (21-57) | 34 | (23-45) |
| From arrival to PPCI | 70 | (40-106) | 63 | (35-108) |

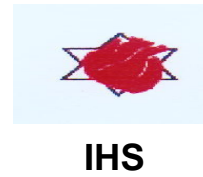


Table 7

ACSIS-2008: Length of Hospitalization of Patients Hospitalized in Centers With and Without Surgery

| Length of stay (days) | With Surgery (N=914) | | Without Surgery (N=849) | | TOTAL (N=1763) | |
|------------------------|----------------------|-----------|-------------------------|-----------|----------------|-----------|
| | Median | (25%-75%) | Median | (25%-75%) | Median | (25%-75%) |
| No. of days in CCU | 4 | (3-5) | 4 | (3-5) | 4 | (3-5) |
| Total days in Hospital | 5 | (3-7) | 5 | (3-4) | 5 | (3-6) |



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Table 8

**ACSIS-2008: Medical Treatment on Discharge among Hospital Survivors of Patients
Hospitalized in Centers With and Without Surgery**

| Treatment | With Surgery (N=892) | Without Surgery (N=827) |
|------------------|---------------------------------|------------------------------------|
| Aspirin | 96.4 | 95.9 |
| Clopidogrel | 81.1 | 78.4 |
| ACE-I/ARB* | 78.2 | 72.2 |
| Beta Blockers | 83.0 | 80.6 |
| LLD | 94.3 | 93.0 |
| Other drugs | 61.1 | 60.0 |

* $p < 0.05$

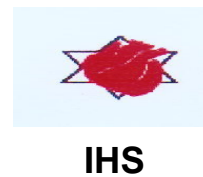


Table 9

ACSIS-2008: Mortality Rates of Patients Hospitalized in Centers With and Without Surgery

| | With Surgery (N=914) | Without Surgery (N=849) | Age-Adjusted OR (95% CI) | OR** (95% CI) |
|---------|---------------------------------|------------------------------------|-------------------------------------|--------------------------|
| 7-Day | 2.4 | 2.7 | 0.81 (0.44-1.48) | 0.81 (0.43-1.55) |
| 30-Day | 4.0 | 4.3 | 0.84 (0.51-1.36) | 0.98 (0.58-1.67) |
| MACE*** | 13.1 | 11.9 | 1.06 (0.80-1.42) | 1.13 (0.84-1.52) |

* Age-adjusted

** Adjusted for age, gender, past MI, diabetes, hypertension, Killip class ≥ 2 , any angiography and ST-elevation

*** Definition includes: recurrent MI, recurrent ischemia, stent thrombosis, ischemic stroke, urgent revascularization (follow-up) or death occurring within 30 days from hospitalization



Table 10

ACSIS 2008: Primary Reperfusion in Patients with ST Elevation Hospitalized in Centers With and Without Surgery

| | With Surgery (N=914) | Without Surgery (N=849) |
|---|---------------------------------|------------------------------------|
| No. of Pts. with ST ↑ | 420 (46.0%) | 345 (40.6%) |
| Primary Reperfusion: | 65.6% | 61.2% |
| PPCI | 85.8% | 89.1% |
| TLx | 10.9% | 9.5% |
| Patients with ST ↑ who arrived ≤12 hours | 88% | 90% |
| Primary Reperfusion among those admitted ≤12 hours from onset | 67.7% | 63.1% |
| CABG during index hospitalization* | 7.8% | 4.6% |

* p<0.05