determine the prognostic impact of in-hospital worsening of renal function in patients with ACS.

Of the 1134 patients finally selected, 1028 belonged to group I and 106 to group II.

Group I (n=1028) Gru Age (years) $\mathbf{63.15} \pm \mathbf{12.9}$ Female sex 228 (26.1%) CV risk factors: Diabetes Mellitus 264 (25.7%) Hypertension 187 (19.8%) 492 (47.9%) Hypercholesterolemia Previous renal insufficiency 204 (19.8%) CV history: Previous AMI 179 (17.4%) Previous PCI 46 (4.5%) Previous CABG 36 (3.5%) Peripheral arterial disease 20 (1.9%) 65 (6.3%) Previous stroke At admission: 76 ± 18 Heart rate (bpm) SAP (mmHg) 138 ± 26 KK> 1 189 (18.4%) Left ventricular dysfunction 610 (59.4%)

Baseline characteristics



In-hospital worsening of renal function is associated with increased 6-month mortality in patients with ACS.

Prognostic value of in-hospital worsening of renal function in patients with acute coronary syndrome

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Purpose

The association between a history of renal insufficiency and poor outcome in patients with acute coronary syndrome (ACS) is well known. However, little information is available about in-hospital worsening of renal function. Our goal was to

Methods

A total of 1228 patients consecutively admitted with ACS from January 2004 to March 2007 were reviewed. Patients deceased in hospital and patients with < 2 analysis and/or without creatinine value on admission were excluded. The selected patients were classified into 2 groups. Group I included patients with an increase in creatinine $\geq 0.5 \text{ mg/dL}$. The primary endpoint was 6-month mortality from any cause.

upo II (n=106)	p		
74.08 ± 8.8	<0.0001		
42 (39.6%)	0.003		
45 (42.5%)	0.001		
61 (63.5%)	<0.0001		
47 (44.3 %)	NS		
67 (63.5%)	<0.0001		
23 (21.7%)	NS		
2 (1.9%)	NS		
4 (3.8%)	NS		
5 (4.7%)	NS		
14 (13.2%)	0.011		
84 ± 21	<0.0001		
150 ± 33	<0.0001		
52 (48.6%)	<0.0001		
85 (80.8%)	<0.0001		

Medical treatment and invasive strategy

	Group I (n=1028)	Group II (n=106)	p	
In-hospital medical therapy:				
AAS	1021 (99.7%)	106 (100%)	NS	Moratlity
Clopidogrel	482 (46.9%)	48 (45.3%)	NS	
LMWH	956 (93%)	104 (98%)	NS	
UFH	227 (22.1%)	14 (13.2%)	0.03	In-ho
iECA	934 (90.9%)	103 (97.2%)	NS	wors
β-blocker	919 (89.4%)	84 (79.2%)	0.003	of
Statin	1014 (98.7%)	104 (98.1%)	NS	fun
Nitrates	661 (64.3%)	77 (72.6%)	NS	
Ca atg	106 (10.3%)	16 (15.1%)	NS	
Coronography	729 (70.9%)	58 (54.7%)	0.001	
PCI	334 (32.5%)	21 (19.8%)	0.001	
Medical therapy at discharge:				
AAS	987 (96.4%)	102 (96.1%)	NS	
Clopidogrel	414 (40.4%)	42 (39.6%)	NS	
iECA	908 (88.3%)	94 (88.7%)	NS	
β-blocker	896 (87.2%)	76 (71.7%)	<0.001	Previo
Statin	990 (96.3%)	99 (93.4%)	NS	
Nitrates	217 (21.1%)	40 (37.7%)	<0.001	
Ca Atg	112 (10.9%)	19 (17.9%)	0.04	Prev

Mortality at 180 days (M180days) – Kaplan – Meier curves

Results

Conclusion



y predictors at 180 days – Multivariate analysis