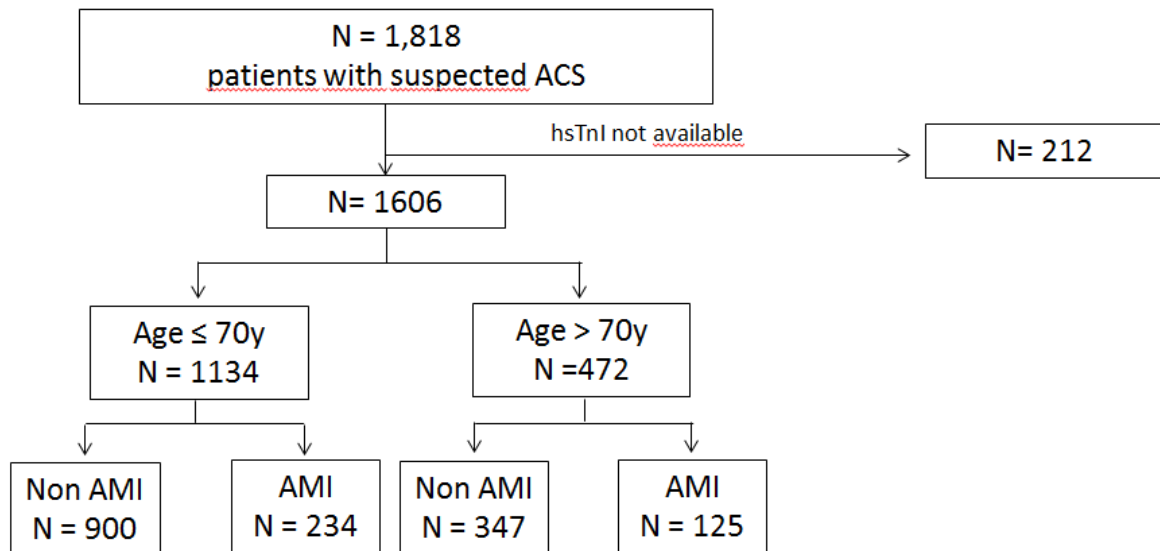


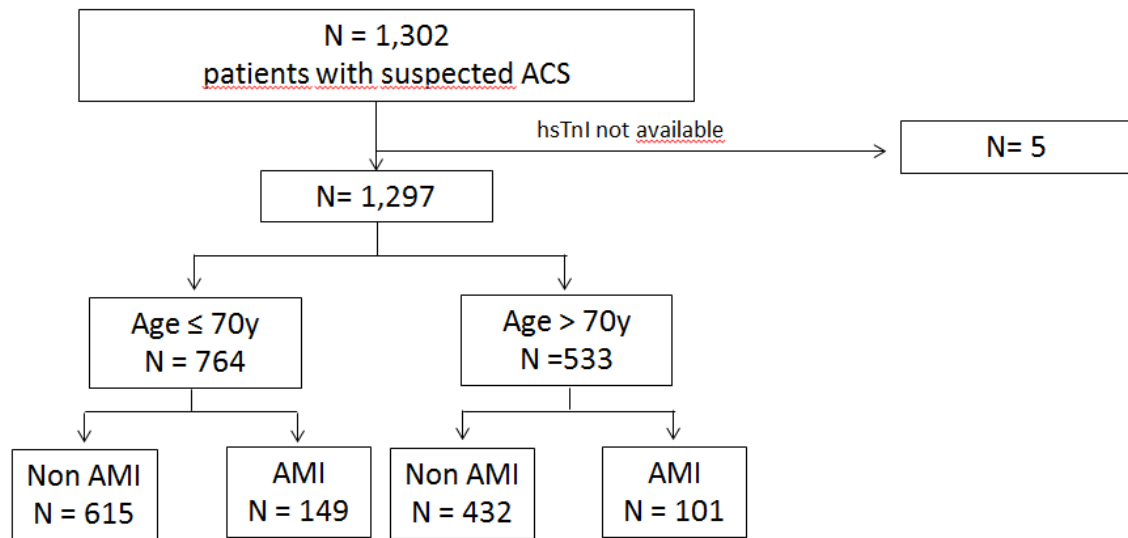
Supplementary Data

eFigure 1: Flowchart - Derivation Cohort



eFigure 1: Flowchart representing the process of the selection of patients in the derivation cohort.

eFigure 2: Flowchart –Validation Cohort for hs-cTnl



eFigure 2: Flowchart representing the process of the selection of patients in the validation cohort for hs-cTnl.

Supplementary Table 1. Troponin I Cut-Offs Upon Admission in Elderly Patients – Stratified by Sex

	hs-cTnI	Sensitivity	Specificity
	Cut-off	(CI)	(CI)
Women (n = 178)			
Age > 70 y 99 th percentile	26.2 ng/L	0.88	0.86
		(0.73, 0.97)	(0.79, 0.91)
Age > 70 y Specificity optimized cut-off	44.6 ng/L	0.82	0.92
		(0.65, 0.93)	(0.86, 0.96)
Age > 70 y Youden optimized cut-off	36.6 ng/L	0.85	0.9
		(0.69, 0.95)	(0.84, 0.95)
Men (n = 294)			
Age > 70 y 99 th percentile	26.2 ng/L	0.9	0.84
		(0.82, 0.95)	(0.78, 0.89)
Age > 70 y Specificity optimized cut-off	44.6 ng/L	0.87	0.89
		(0.78, 0.93)	(0.83, 0.93)
Age > 70 y Youden optimized cut-off	36.6 ng/L	0.88	0.89
		(0.79, 0.94)	(0.83, 0.93)

Diagnostic performance of the 99th percentile as well as the derived sex pooled cut off levels stratified by sex

Abbreviations: CI, 95% confidence interval; hs-cTnI, high-sensitivity cardiac troponin I