

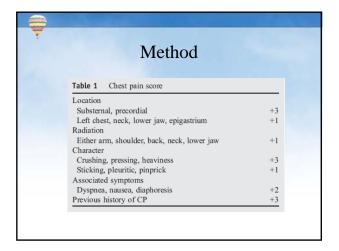


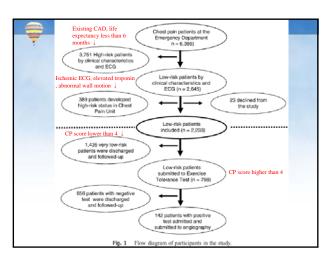
Introduction

- Patients with chest pain (CP) and nondiagnostic initial work-up, including electrocardiogram (ECGs) and serial troponins, and without existing known coronary artery disease are currently considered at low risk of short-term coronary events
- No usefulness of a prediction rule including coronary risk factors in patients with low-risk CP

Introduction

- Hypertension, hypercholesterolemia, obesity, cigarette smoking, family history
- Metabolic syndrome (MS), diabetes mellitus (DM)
- Clinical prediction rule for prognostication in patients with low-risk CP







End point

- · Cardiovascular death
- Nonfatal myocardial infarction, or new or recurrent severe cardiac ischemia requiring urgent revascularization



Statistical analysis

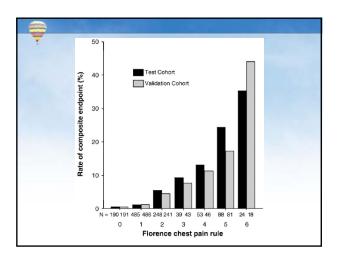
- Factor of 3 for CP score higher than 6
- A factor of 1 for each of male sex, age older than 50 years, MS, and DM

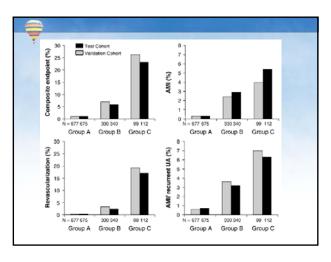


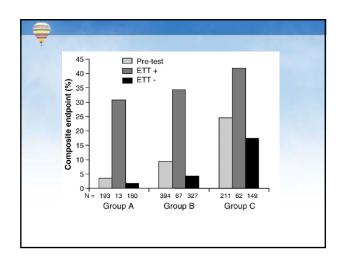
Result

 At 6-month follow-up, no patient was lost to follow-up and no patient died; 108 patients (4.8%) reached the composite end point

Metabolic syndrome 6.23 3.08-12.64 < 001							
coronary revascularization) at univariate and multivariate logistic regression analysis Multivariate analysis Variables Univariate analysis Multivariate analysis OR 95% CI P Chest pain score ≥6 11.21 6.33-19.84 < 001 7.03 3.80-12.99 < 000 Metabolic syndrome 6.23 3.08-12.64 < 001 3.03 1.36-6.79 .00 Age >50 y 5.11 2.55-10.25 < 001 2.87 1.38-6.07 .00 Diabetes mellitus 3.41 1.53-7.60 .003 2.56 1.07-6.16 .03 Gender (male) 1.78 0.97-3.27 .062 2.31 1.20-4.45 .01 Familiarity for CAD 2.03 0.70-5.91 .192 - - - -	*						
Chest pain score >6 11.21 6.33-19.84 < 001	coronary revascularization) at univariate and multivariate logistic regression analysis					
Metabolic syndrome 6.23 3.08-12.64 < 001 3.03 1.36-6.79 .00 Age > 50 y 5.11 2.55-10.25 < 001 2.87 1.38-6.07 .00 Diabetes mellius 3.41 1.53-7.60 .003 2.56 1.07-6.16 .03 Gender (male) 1.78 0.97-3.27 .062 2.31 1.20-4.45 .01 Familiarity for CAD 2.03 0.70-5.91 .192 - - - -		OR	95% CI	P	OR	95% CI	P
$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	Chest pain score >6	11.21	6.33-19.84	<.001	7.03	3.80-12.99	<.001
Diabetes mellitus 3.41 1.53-7.60 .003 2.56 1.07-6.16 .03 Gender (male) 1.78 0.97-3.27 .062 2.31 1.20-4.45 .01 Familiarity for CAD 2.03 0.70-5.91 .192 - - -	Metabolic syndrome	6.23	3.08-12.64	<.001	3.03	1.36-6.79	.007
Gender (male) 1.78 0.97-3.27 .062 2.31 1.20-4.45 .01 Familiarity for CAD 2.03 0.70-5.91 .192 - - - -	Age >50 y	5.11	2.55-10.25	<.001	2.87	1.38-6.07	.00:
Familiarity for CAD 2.03 0.70-5.91 .192	Diabetes mellitus	3.41	1.53-7.60	.003	2.56	1.07-6.16	.035
	Gender (male)	1.78	0.97-3.27	.062	2.31	1.20-4.45	.012
Smoke 1.26 0.55-2.86 .579	Familiarity for CAD	2.03	0.70-5.91	.192	-	-	-
		1.26	0.55-2.86	.579	-	-	-







Conclusion Factor of 3 for CP score higher than 6 A factor of 1 for each of male sex, age older than 50 years, MS, and DM Group A (0-1), B (2-4), C (5-6)

