Supplementary Table S1: **Acute chest syndrome predictive score**

Parameters	Points
Spine and/or pelvis CPS	
0 or 1	0
2	4
3	5
Reticulocytes ($\times 10^9$/L)	
≤216	0
>216	7
Leukocytes ($\times 10^9$/L)	
≤11	0
>11	3
Hemoglobin (g/dL)	
>9	0
≤9	1
Total	

≥11   High risk of ACS

6–10   Intermediate

≤5   Low risk of ACS

Supplementary Figure S1: **Receiver operating characteristics curve for the ACS-predictive score**

AUC=area under the curve.

AUC=0.836 [0.773–0.898]