

Supplementary data.

Table 1A. Frequency of serum creatinine monitoring.

Frequency	Number of patients (%) (N=647)
1	350 (54.1)
2	155 (24.0)
3	63 (9.7)
4	48 (7.4)
5	22 (3.4)
6	4 (0.6)
7	5 (0.8)

Table 2A. External validation of the three pre-procedural risk models.

Risk model	Patients	CI-AKI definition	C-statistic (95% CI)
Chen YL, et al. ⁸	2,699 cardiac angiography or angioplasty patients (Yin W, et al.) ²⁰	<i>Broad1</i> : an increase of $\geq 25\%$ or ≥ 0.5 mg/dL in SCr w/n 72 hrs	0.490 (0.450-0.540)
		<i>Broad2</i> : an increase of $\geq 50\%$ or ≥ 0.5 mg/dL in SCr w/n 72 hr	0.550 (0.440-0.660)
		<i>Narrow</i> : an increase of ≥ 0.5 mg/dL in SCr w/n 72 hr	0.760 (0.630-0.890)
	1,247 cardiac angioplasty patients (Serif L, et al.) ⁷	<i>Liberal</i> : an increase of $\geq 25\%$ or ≥ 0.5 mg/dL in SCr w/n 48-72 hrs	0.478 (0.434-0.522)
		<i>Strict</i> : an increase of ≥ 0.5 mg/dL in SCr w/n 48-72 hrs	0.546 (0.444-0.648)
		<i>Intermediate</i> : an increase of ≥ 0.3 mg/dL in SCr w/n 48-72 hrs	0.518 (0.458-0.578)
	Patients with STEMI underwent PCI (Liu Y-H, et al.) ²¹	<i>Narrow</i> : an increase of ≥ 0.5 mg/dL in SCr w/n 48-72 hrs	0.746 (0.640-0.860)
		<i>Broad</i> : an increase of $\geq 25\%$ or ≥ 0.5 mg/dL in SCr w/n 48-72 hrs	0.555 (0.480-0.630)
Inohara T, et al. ¹⁰	2,699 cardiac angiography or angioplasty patients (Yin W, et al.) ²⁰	<i>Broad1</i> : an increase of $\geq 25\%$ or ≥ 0.5 mg/dL in SCr w/n 72 hrs	0.520 (0.480-0.560)
		<i>Broad2</i> : an increase of $\geq 50\%$ or ≥ 0.5 mg/dL in SCr w/n 72 hrs	0.550 (0.460-0.640)
		<i>Narrow</i> : an increase of ≥ 0.5 mg/dL in SCr w/n 72 hrs	0.500 (0.360-0.650)
Tziakas D, et al. ¹¹	1,247 cardiac angioplasty patients (Serif L, et al.) ⁷	<i>Liberal</i> : an increase of $\geq 25\%$ or ≥ 0.5 mg/dL in SCr w/n 48-72 hrs	0.502 (0.459-0.545)
		<i>Strict</i> : an increase of ≥ 0.5 mg/dL in SCr w/n 48-72 hrs	0.552 (0.430-0.670)
		<i>Intermediate</i> : an increase of ≥ 0.3 mg/dL in SCr w/n 48-72 hrs	0.518 (0.458-0.578)
	7,888 cardiac angioplasty patients (Ma B, et al.) ¹⁸	<i>KDIGO</i> : an increase of ≥ 0.5 mg/dL in SCr w/n 48 hrs or $\geq 50\%$ w/n 7 days	0.610 (0.570-0.650)
		<i>Historical</i> : an increase of $\geq 25\%$ or ≥ 0.5 mg/dL in SCr w/n 48 hrs	0.540 (0.510-0.570)
	200 cardiac angioplasty patients (Tziakas D, et al.) ¹¹	an increase of $\geq 25\%$ or ≥ 0.5 mg/dL in SCr w/n 48 hrs	0.864 (0.798-0.929)
	2,689 cardiac angioplasty patients (Tziakas D, et al.) ¹²	an increase of $\geq 25\%$ or ≥ 0.5 mg/dL in SCr w/n 48 hrs	0.741 (0.713-0.769)

STEMI; ST-segment elevation myocardial infarction, PCI; primary percutaneous coronary intervention