

On-line Table: Risk factors for postcontrast acute kidney injury

Variables	Univariable Analyses			Multivariable Analyses		
	OR	95% CI	P	OR	95% CI	P
Age 65 yr or older	1.535	0.791–2.979	.205			
Age 75 yr or older	2.376	1.351–4.178	.003	3.097	1.568–6.114	.001
Hypertension	1.175	0.641–2.152	.602			
Diabetes mellitus	1.858	1.047–3.295	.034			
Chronic kidney disease	6.988	3.114–15.683	<.001	5.806	2.218–15.201	.001
Hyperlipidemia	1.196	0.518–2.763	.674			
Liver cirrhosis	<0.001	<0.001–>999.999	.989			
Heart failure	0.778	0.270–2.244	.642			
Coronary artery occlusive disease	1.352	0.655–2.791	.415			
Atrial fibrillation	1.952	1.112–3.428	.019			
Hematologic disease	<0.001	<0.001–>999.999	.989			
Malignancy	1.859	0.915–3.777	.086			
Other immune-suppression diseases	3.079	0.970–9.778	.056			
Nonsteroidal anti-inflammatory drugs ^a	1.959	0.550–6.983	.299			
ACEI/ARB ^a	1.799	1.040–3.113	.035			
β blocker ^a	1.599	0.874–2.925	.127			
Statin ^a	1.139	0.637–2.034	.661			
Insulin ^a	1.197	0.147–9.741	.866			
Cyclosporine ^a	0.677	0.087–5.238	.708			
Nonsteroidal anti-inflammatory drugs ^b	3.002	1.402–6.431	.004	6.399	2.519–16.255	<.001
ACEI/ARB ^b	3.107	1.529–6.312	.001	2.742	1.15–6.541	.022
β blocker ^b	2.176	1.223–3.872	.008	2.805	1.423–5.527	.002
Statin ^b	0.201	0.111–0.365	<.001	0.168	0.084–0.336	<.001
Insulin ^b	3.434	1.906–6.186	<.001	2.68	1.344–5.345	.005
Cyclosporine ^b	<0.001	<0.001–>999.999	.989			
Proteinuria	2.777	1.455–5.299	.001			
White blood cells	0.986	0.902–1.079	.765			
Hemoglobin	0.833	0.727–0.954	.008			
Hematocrit	0.948	0.907–0.990	.015			
Red blood cell distribution width	1.101	0.914–1.327	.310			
Δ neutrophil index	1.194	1.018–1.399	.028			
Platelets	0.995	0.990–0.999	.028			
Neutrophil	1.013	0.929–1.106	.763			
Lymphocyte	0.922	0.695–1.224	.573			
Serum glucose level	1.002	0.998–1.007	.292			
Blood urea nitrogen level	1.017	0.985–1.049	.302			
Uric acid level	0.888	0.745–1.057	.180			
Total cholesterol level	0.995	0.988–1.002	.170			
Albumin level	0.394	0.235–0.662	.001	0.317	0.169–0.595	.001
Serum sodium concentration	0.915	0.838–0.999	.048			
International normalized ratio	1.237	0.695–2.199	.470			

Note:—ACEI indicates angiotensin-converting enzyme inhibitor; ARB, angiotensin II receptor blocker.

^a Use before contrast media exposure.

^b Use after contrast media exposure.