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A comparison of the RIFLE and AKIN criteria for acute kidney injury in critically ill patients

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464	Insuffisance et aggression rhales aiguës pfiopfatoires. 2006 , 1, 1-11		
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229	The utility of the additive EuroSCORE, RIFLE and AKIN staging scores in the prediction and diagnosis of acute kidney injury after cardiac surgery. 2014 , 128, 29-38		13
228	Insuffisance rénale aiguë chez la personne âgée: aspects diagnostiques et thérapeutiques. 2014 , 26, 206-212		
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226	Mortality prediction by acute kidney injury biomarkers in comparison with serum creatinine. 2014 , 19, 646-51		5
225	Acute kidney injury after infrarenal abdominal aortic aneurysm surgery: a comparison of AKIN and RIFLE criteria for risk prediction. 2014 , 113, 993-1000		24
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223	The utility of scoring systems in critically ill cirrhotic patients admitted to a general intensive care unit. 2014 , 29, 1131.e1-6		12
222	Definition and biomarkers of acute renal damage: New perspectives. 2014 , 38, 376-385		1
221	Impact on mortality of the timing of renal replacement therapy in patients with severe acute kidney injury in septic shock: the IDEAL-ICU study (initiation of dialysis early versus delayed in the intensive care unit): study protocol for a randomized controlled trial. <i>Trials</i> , 2014 , 15, 270	2.8	63
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219	Validation of the Kidney Disease Improving Global Outcomes criteria for AKI and comparison of three criteria in hospitalized patients. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2014 , 9, 848-54	6.9	95
218	Core Knowledge in Critical Care Medicine. 2014 ,		
217	Acute kidney injury in an internal medicine ward in a Portuguese quaternary hospital. 2014 , 25, 169-72		2
216	Obesity and post-cardiopulmonary bypass-associated acute kidney injury: a single-center retrospective analysis. 2014 , 28, 551-6		27
215	[Definition and biomarkers of acute renal damage: new perspectives]. 2014 , 38, 376-85		11
214	Acute renal failure according to the RIFLE and AKIN criteria: A multicenter study. 2014 , 38, 271-277		1

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212	Effect of renal angioembolization on post-traumatic acute kidney injury after high-grade renal trauma: a comparative study of 52 consecutive cases. 2014 , 45, 894-901		23
211	Transcatheter aortic valve implantation in patients with pre-existing chronic kidney disease. 2015 , 8, 9-18		7
210	Incidence of the acute renal failure in the intensive care unit at the General Hospital of Mexico: Risk factors and associated morbidity and mortality. 2015 , 78, 62-66		2
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201	Acute kidney injury and prognosis after cardiopulmonary bypass: a meta-analysis of cohort studies. 2015 , 65, 283-93		155
200	The growth of acute kidney injury: a rising tide or just closer attention to detail?. 2015 , 87, 46-61		159
199	Epidemiology and Clinical Correlates of AKI in Chinese Hospitalized Adults. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2015 , 10, 1510-8	6.9	143
198	Microalbuminuria and prediction of cardiovascular complications in patients with coronary artery disease and type 2 diabetes mellitus after CABG surgery. 2015 , 24, 951-9		4
197	Initiation of renal replacement therapy in the intensive care unit in Vicenza (IRRIV) score. 2015 , 39, 246-257		9
196	[Electronic alerts for acute kidney injury: Opportunities and limits]. 2015 , 110, 247-50		

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192	Acute kidney injury in severe sepsis: pathophysiology, diagnosis, and treatment recommendations. 2015 , 25, 200-9	45
191	The relationship of intravenous fluid chloride content to kidney function in patients with severe sepsis or septic shock. 2015 , 33, 439-43	8
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188	Long-Term Mortality among Hospitalized Non-ICU Patients with Acute Kidney Injury Referred to Nephrology. 2015 , 131, 23-33	12
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186	Prognostic robustness of serum creatinine based AKI definitions in patients with sepsis: a prospective cohort study. 2015 , 16, 112	11
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184	Hypernatremia is a significant risk factor for acute kidney injury after subarachnoid hemorrhage: a retrospective analysis. 2015 , 22, 184-91	24
183	The definition of acute kidney injury and its use in practice. 2015 , 87, 62-73	352
182	Value of Kidney Disease Improving Global Outcomes Urine Output Criteria in Critically Ill Patients: A Secondary Analysis of a Multicenter Prospective Cohort Study. 2016 , 129, 2050-7	11
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179	Serum creatinine level, a surrogate of muscle mass, predicts mortality in critically ill patients. 2016 , 8, E305-11	82
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176	Acute Kidney Injury as a Complication of Cardiac Transplantation: Incidence, Risk Factors, and Impact on 1-year Mortality and Renal Function. 2016 , 100, 1740-9	33
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174	Acute kidney injury in patients using amikacin in an era of carbapenem-resistant bacteria. 2016 , 48, 869-71	8
173	Comparison of acute kidney injury classifications in patients undergoing transcatheter aortic valve implantation: Predictors and long-term outcomes. 2016 , 87, 523-31	9
172	Prognostic implications of adding urine output to serum creatinine measurements for staging of acute kidney injury after major surgery: a cohort study. <i>Nephrology Dialysis Transplantation</i> , 2016 , 31, 2049-2056	4.3 23
171	Clinical Course of Acute Kidney Injury in Elderly Individuals Above 80 Years. 2016 , 41, 947-955	13
170	Renal protection in the 21st century. 2016 , 22, 554-559	2
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168	Should Ventilator-Associated Events become a Quality Indicator for ICUs?. 2016 , 61, 723-36	25
167	How safe is gelatin? A systematic review and meta-analysis of gelatin-containing plasma expanders vs crystalloids and albumin. 2016 , 35, 75-83	89
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165	Acute kidney injury: Renal disease in the ICU. 2016 , 40, 374-82	7
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161	Impact of balanced tetrastarch raw material on perioperative blood loss: a randomized double blind controlled trial. 2016 , 117, 442-449	10
160	Cystatin C and NGAL as Biomarkers for Early Detection of Acute Kidney Injury in Geriatrics. 2016 , 101, 390-398	

159	Urinary chitinase 3-like protein 1 for early diagnosis of acute kidney injury: a prospective cohort study in adult critically ill patients. 2016 , 20, 38		20
158	Monitoring of Potential Safety Events and Vital Signs during Active Mobilization of Patients Undergoing Continuous Renal Replacement Therapy in a Medical Intensive Care Unit. 2016 , 42, 83-90		6
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155	Creatinine-based definitions: from baseline creatinine to serum creatinine adjustment in intensive care. 2016 , 20, 69		49
154	Annual Update in Intensive Care and Emergency Medicine 2016. <i>Annual Update in Intensive Care and Emergency Medicine</i> , 2016 ,	0.2	1
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145	Delayed Nephrology Consultation and High Mortality on Acute Kidney Injury: A Meta-Analysis. 2017 , 43, 57-67		33
144	Sodium Bicarbonate Versus Sodium Chloride for Preventing Contrast-Associated Acute Kidney Injury in Critically Ill Patients: A Randomized Controlled Trial. 2017 , 45, 637-644		17
143	Prognostic Importance of Low Admission Serum Creatinine Concentration for Mortality in Hospitalized Patients. 2017 , 130, 545-554.e1		16
142	Sequelae of AKI. 2017 , 31, 415-425		5

141	Review of Extracorporeal Membrane Oxygenation and Dialysis-Based Liver Support Devices for the Use of Nephrologists. 2017 , 46, 139-149	11
140	Incidence and risk factors of acute kidney injury associated with continuous intravenous high-dose vancomycin in critically ill patients: A retrospective cohort study. 2017 , 96, e6023	8
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138	Fluid resuscitation mediates the association between inhalational burn injury and acute kidney injury in the major burn population. 2017 , 38, 62-67	8
137	[Community-acquired pneumonia with infrequent presentation]. 2017 , 74, 434-441	
136	Co-administration of vancomycin and piperacillin-tazobactam is associated with increased renal dysfunction in adult and pediatric burn patients. 2017 , 21, 318	21
135	Issues of Acute Kidney Injury Staging and Management in Sepsis and Critical Illness: A Narrative Review. 2017 , 18,	16
134	Renal ultrasound provides low utility in evaluating cardiac surgery associated acute kidney injury. 2017 , 12, 75	1
133	Kinetic estimated glomerular filtration rate in critically ill patients: beyond the acute kidney injury severity classification system. 2017 , 21, 280	11
132	The optimal timing of continuous renal replacement therapy according to the modified RIFLE classification in critically ill patients with acute kidney injury: a retrospective observational study. 2017 , 3,	1
131	Acute kidney injury in patients using low dose (3 mg/kg/day) of gentamicin under therapeutic dose monitoring. 2018 , 76, 496-498	4
130	Morbidity and mortality of acute renal failure in the Critical Care Unit of a regional hospital. 2018 , 65, 314-322	1
129	Acute Kidney Injury After Cardiac Transplantation: Foe or Common Innocent Bystander?. 2018 , 50, 1489-1495	13
128	Serum Soluble-Fas, Inflammation, and Anemia in Acute Kidney Injury. 2018 , 42, E283-E289	5
127	Evaluation of acute kidney injury (AKI) with RIFLE, AKIN, CK, and KDIGO in critically ill trauma patients. 2018 , 44, 597-605	22
126	Contrast-induced acute kidney injury and mortality in ST elevation myocardial infarction treated with primary percutaneous coronary intervention. 2018 , 104, 767-772	30
125	Utility of electronic AKI alerts in intensive care: A national multicentre cohort study. 2018 , 44, 185-190	6
124	Clinical significance of serum neutrophil gelatinase-associated lipocalin in the early diagnosis of renal function deterioration after radical nephrectomy. 2018 , 33, 20	

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122	Validation of RIFLE, AKIN, and a modified AKIN definition ("backward classification") of acute kidney injury in a general ICU: Analysis of a 1-year period. 2018 , 97, e12465	8
121	Improving acute kidney injury detection with conditional probabilities. 2018 , 22, 1355-1374	0
120	Vancomycin trough level and loading dose. 2018 , 11, 2393-2396	4
119	Acute Kidney Injury Definition and Diagnosis: A Narrative Review. 2018 , 7,	36
118	Acute Kidney Injury in Chinese HIV-Infected Patients: A Retrospective Analysis from the Intensive Care Unit. 2018 , 32, 381-389	3
117	Extracorporeal organ support (ECOS) in critical illness and acute kidney injury: from native to artificial organ crosstalk. 2018 , 44, 1447-1459	46
116	Diagnosis, management, and prognosis of patients with acute kidney injury in Japanese intensive care units: The JAKID study. 2018 , 47, 185-191	14
115	Evaluation of Factors Associated with Hypermetabolism and Hypometabolism in Critically Ill AKI Patients. 2018 , 10,	5
114	Comparison of acute kidney injury risk associated with vancomycin and concomitant piperacillin/tazobactam or cefepime in the intensive care unit. 2018 , 48, 32-38	24
113	Morbidity and mortality of acute renal failure in the Critical Care Unit of a regional hospital. 2018 , 65, 314-322	
112	Acute Kidney Injury in Children With Acute Respiratory Failure. 2018 , 57, 1340-1348	9
111	Septic acute kidney injury patients in emergency department: The risk factors and its correlation to serum lactate. 2019 , 37, 204-208	10
110	Acute Kidney Disease, Renal Recovery, and Post-acute Kidney Injury Care. 2019 , 132-137.e2	
109	Clinical Nephrogeriatrics. 2019 ,	0
108	Dual roles of hydrogen peroxide in promoting zebrafish renal repair and regeneration. 2019 , 516, 680-685	6
107	Acute Kidney Injury after Lung Transplantation: A Systematic Review and Meta-Analysis. 2019 , 8,	17
106	Effectiveness of Thymoglobulin Induction Therapy in Kidney Transplant From Deceased Donor With Mild to Moderate Acute Kidney Injury. 2019 , 51, 2611-2614	5

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97 The investigation of TIMI risk index for prediction of contrast-induced acute kidney injury in patients with ST elevation myocardial infarction. **2020**, 75, 77-84 9

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90 Antimicrobial therapy with aminoglycoside or meropenem in the intensive care unit for hospital associated infections and risk factors for acute kidney injury. **2020**, 39, 723-728 4

89 Biomarkers in acute kidney disease. **2020**, 155-184

88 Acute Kidney Injury in Pediatric Acute Respiratory Distress Syndrome. **2021**, 36, 1084-1090 0

87	Acute Kidney Injury in Patients Using Amikacin in Intensive Care Unit-A Paired Case-Control Study With Meropenem. 2020 , 27, e403-e405	1
86	The effect of recombinant human soluble thrombomodulin on renal function and mortality in septic disseminated intravascular coagulation patients with acute kidney injury: a retrospective study. 2020 , 8, 94	3
85	Diagnostic and Therapeutic Potential of microRNAs in Acute Kidney Injury. 2020 , 11, 657	14
84	Incidence and mortality of acute kidney injury in patients undergoing hematopoietic stem cell transplantation: a systematic review and meta-analysis. 2020 , 113, 621-632	8
83	Different applications of the KDIGO criteria for AKI lead to different incidences in critically ill patients: a post hoc analysis from the prospective observational SICS-II study. 2020 , 24, 164	13
82	Calorie provision from citrate anticoagulation in continuous renal replacement therapy in critical care. 2021 , 22, 183-186	1
81	Preventive strategies for acute kidney injury in cancer patients. 2021 , 14, 70-83	9
80	Lower albumin level and longer disease duration are risk factors of acute kidney injury in hospitalized children with nephrotic syndrome. 2021 , 36, 701-709	0
79	The effect of timing of initiation of renal replacement therapy on mortality: A retrospective case-control study. 2021 , 22, 8-16	
78	Risk factors for chronic kidney disease following acute kidney injury in pediatric allogeneic hematopoietic cell transplantation. 2021 , 56, 1665-1673	2
77	Oleuropein Attenuates Lipopolysaccharide-Induced Acute Kidney Injury and by Regulating Toll-Like Receptor 4 Dimerization. 2021 , 12, 617314	5
76	AKI Epidemiology and Outcomes: A Retrospective Cohort Study from the Preneurology Era. 2021 , 2021, 5549316	1
75	The indications for and timing of haemodialysis in critically ill patients with acute kidney injury in Johannesburg, South Africa.. 2021 , 37,	
74	Nomenclature and diagnostic criteria for acute kidney injury - 2020 consensus of the Taiwan AKI-task force. 2021 ,	0
73	Type 1 Cardiorenal Syndrome in Decompensated Heart Failure Patients in a Low-Income Region in Brazil: Incidence of Acute Kidney Injury (AKIN and KDIGO Criteria), Need for Dialysis and Mortality. 2021 , 117, 385-391	0
72	Edible Bird Nest Protects the Kidney From Gentamicin Induced Acute Tubular Necrosis. 2021 , 12, 726005	
71	Effect of Prolonged-Release Pirfenidone on Renal Function in Septic Acute Kidney Injury Patients: A Double-Blind Placebo-Controlled Clinical Trial. 2021 , 2021, 8833278	1
70	Urine Output and the Diagnosis of Acute Kidney Injury. 2012 , 628-640	2

69	Critical Care Nephrology. 2012 , 2378-2393		1
68	Acute kidney injury with combination vancomycin and piperacillin-tazobactam therapy in the ICU: A retrospective cohort study. 2020 , 56, 106010		2
67	Long-term renal and overall survival of critically ill patients with acute renal injury who received continuous renal replacement therapy. 2017 , 39, 736-744		11
66	Assessment of hemodynamic efficacy and safety of 6% hydroxyethylstarch 130/0.4 vs. 0.9% NaCl fluid replacement in patients with severe sepsis: the CRYSTMAS study. 2012 , 16, R94		248
65	Incidence of acute kidney injury and use of renal replacement therapy in intensive care unit patients in Indonesia. 2020 , 21, 191		1
64	A multicentre study of acute kidney injury in severe sepsis and septic shock: association with inflammatory phenotype and HLA genotype. <i>PLoS ONE</i> , 2012 , 7, e35838	3.7	80
63	A Pilot Study Identifying a Set of microRNAs As Precise Diagnostic Biomarkers of Acute Kidney Injury. <i>PLoS ONE</i> , 2015 , 10, e0127175	3.7	83
62	Long-term outcome of patients with lupus nephritis: a single center experience. <i>Bosnian Journal of Basic Medical Sciences</i> , 2010 , 10 Suppl 1, S63-7	3.3	1
61	A model-based cost-effectiveness analysis of Patient Blood Management. <i>Blood Transfusion</i> , 2019 , 17, 16-26	3.6	16
60	The future for diagnostic tests of acute kidney injury in critical care: evidence synthesis, care pathway analysis and research prioritisation. <i>Health Technology Assessment</i> , 2018 , 22, 1-274	4.4	19
59	Prediction of nephrotoxicity induced by cisplatin combination chemotherapy in gastric cancer patients. <i>World Journal of Gastroenterology</i> , 2011 , 17, 3510-7	5.6	18
58	Postoperative acute kidney injury. <i>Korean Journal of Anesthesiology</i> , 2017 , 70, 258-266	3.8	38
57	Serum creatinine role in predicting outcome after cardiac surgery beyond acute kidney injury. <i>World Journal of Cardiology</i> , 2014 , 6, 1006-21	2.1	24
56	NGAL Usefulness in the Intensive Care Unit Three Hours after Cardiac Surgery. <i>ISRN Nephrology</i> , 2013 , 2013, 865164		6
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51	Definition and Classification of Acute Kidney Injury. 2010 , 3-9	
50	Renal protective effects of alprostadil injection on early phase acute kidney injury after adult cardiopulmonary bypass. <i>Academic Journal of Second Military Medical University</i> , 2010 , 30, 916-918	
49	Definition and Diagnostic Criteria of Acute Kidney Injury. <i>Journal of the Korean Society of Pediatric Nephrology</i> , 2011 , 15, 101	
48	Contrast-Induced Acute Kidney Injury and the Role of Chronic Kidney Disease in PCI. 2012 , 66-74	1
47	Insuffisance rñale aiguë et techniques dâpuracion extrarñale en rñanimation pñdiatrique. 2013 , 143-163	
46	Acute kidney injury. 2014 , 535-539.e1	
45	Niereninsuffizienz und Nierenersatztherapie. 2014 , 1-45	
44	Acute Kidney Injury. 2014 , 313-373	
43	. 2015 , 13,	
42	Niereninsuffizienz und Nierenersatztherapie. 2016 , 431-462	
41	Diagnosis and Management of Acute Kidney Injury. 2016 , 149-157	
40	Creatinine-Based Definitions: From Baseline Creatinine to Serum Creatinine Adjustment in Intensive Care. <i>Annual Update in Intensive Care and Emergency Medicine</i> , 2016 , 81-89	0.2
39	Acute Kidney Injury: The Role of Biomarkers for Early Diagnosis. <i>Giornale De Tecniche Nefrologiche & Dialitiche</i> , 2016 , 28, 97-101	0
38	COCHLEAR IMPLANTATION IN PATIENTS WITH RENAL DYSFUNCTION. <i>Journal of Hearing Science</i> , 2016 , 6, 25-35	0.7
37	Epidemiology, Clinical Characteristics and Outcome of Acute Kidney Injury in Intensive Care Units of Alexandria University Hospitals. <i>Urology & Nephrology Open Access Journal</i> , 2016 , 3,	0.3
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35	A study of the effects of hypothermic circulatory arrest has on postoperative renal function in the total arch replacement. <i>Japanese Journal of Extra-corporeal Technology</i> , 2017 , 44, 14-18	0.1
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32	Enhancing acute kidney injury regeneration by promoting cellular dedifferentiation in zebrafish.		
31	Acute Kidney Injury in the Elderly. 2019 , 123-131		
30	CONTROVERSIES AROUND FLUIDS AND DIURETICS IN ACUTE KIDNEY INJURY. <i>Journal of Evidence Based Medicine and Healthcare</i> , 2019 , 6, 1099-1101	0	
29	Serum cystatin C as an early marker of Acute Kidney Injury in elderly patients after surgery for femur fracture. An observational study. <i>Archives of Renal Diseases and Management</i> , 2018 , 4, 001-007		
28	Koroner Bypass Greftleme Cerrahisi Sonras̄GeliĖn Akut B̄brek HasarĖn RIFLE S̄nflamas̄yla TanĖmlanmas̄-Risk BelirteĖleri ve SonuĖlar̄-Harran Ėiversitesi TĖp FakĖtesi Dergisi,		
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26	Acute kidney injury. 2020 , 4807-4829		
25	Serum Creatinine, Muscle Mass, and Nutritional Status in Intensive Care.		2
24	Renal dysfunction in burns: a review. <i>Annals of Burns and Fire Disasters</i> , 2013 , 26, 16-25	0.8	24
23	A novel fluid resuscitation protocol: provide more protection on acute kidney injury during septic shock in rats. <i>International Journal of Clinical and Experimental Medicine</i> , 2014 , 7, 919-26		9
22	Disease Severity Determines Timing of Initiating Continuous Renal Replacement Therapies: A Systematic Review and Meta-Analysis. <i>Frontiers in Medicine</i> , 2021 , 8, 580144	4.9	
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20	The influence of timing of coronary angiography on acute kidney injury in out-of-hospital cardiac arrest patients: a retrospective cohort study.. <i>Annals of Intensive Care</i> , 2022 , 12, 12	8.9	
19	Is cystatin C a good predictor of acute kidney injury after elective aortic surgery?. <i>Vojnosanitetski Pregled</i> , 2022 , 16-16	0.1	
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17	Five-gene signature predicts acute kidney injury in early kidney transplant patients.. <i>Aging</i> , 2022 , 14,	5.6	2
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