

Electronic health record alerts for acute kidney injury: randomised controlled trial

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Artificial Intelligence in Acute Kidney Injury: From Static to Dynamic Models. <i>Advances in Chronic Kidney Disease</i> , 2021, 28, 74-82.	1.4	10
2	The impact of e-alerts on inpatient diagnosis and management of acute kidney injury. <i>British Journal of Hospital Medicine</i> (London, England: 2005), 2021, 82, 1-11.	0.5	1
3	Design, development, and deployment of an indication- and kidney function-based decision support tool to optimize treatment and reduce medication dosing errors. <i>JAMIA Open</i> , 2021, 4, ooab039.	2.0	2
4	For Whom the Bell Tolls: Acute Kidney Injury and Electronic Alerts for the Pediatric Nephrologist. <i>Frontiers in Pediatrics</i> , 2021, 9, 628096.	1.9	4
5	REVeAL-HF. <i>JACC: Heart Failure</i> , 2021, 9, 409-419.	4.1	14
6	What can a learning healthcare system teach us about improving outcomes?. <i>Current Opinion in Critical Care</i> , 2021, 27, 527-536.	3.2	5
7	Improving Acute Kidney Injury-Associated Outcomes: From Early Risk to Long-Term Considerations. <i>Current Treatment Options in Pediatrics</i> , 2021, 7, 99-108.	0.6	0
8	The Impact of Outpatient Laboratory Alerting Mechanisms in Patients with AKI. <i>Kidney360</i> , 2021, 2, 1560-1568.	2.1	4
10	Course corrections for clinical AI. <i>Kidney360</i> , 2021, 2, 10.34067/KID.0004152021.	2.1	0
11	Artificial Intelligence and Mapping a New Direction in Laboratory Medicine: A Review. <i>Clinical Chemistry</i> , 2021, 67, 1466-1482.	3.2	24
12	Clinical Evaluation of AI in Medicine. , 2021, , 1-16.		0
13	Renal Recovery after the Implementation of an Electronic Alert and Biomarker-Guided Kidney-Protection Strategy following Major Surgery. <i>Journal of Clinical Medicine</i> , 2021, 10, 5122.	2.4	9
14	Advances in artificial intelligence and deep learning systems in ICU-related acute kidney injury. <i>Current Opinion in Critical Care</i> , 2021, 27, 560-572.	3.2	9
15	Health system perspectives in acute kidney injury: commitment to kidney health and planning implementation interventions. <i>Current Opinion in Critical Care</i> , 2021, 27, 593-603.	3.2	3
16	Digital health and artificial intelligence in kidney research: a report from the 2020 Kidney Disease Clinical Trialists (KDCT) meeting. <i>Nephrology Dialysis Transplantation</i> , 2022, 37, 620-627.	0.7	4
17	Artificial Intelligence for AKI!Now: Let's Not Await Plato's Utopian Republic. <i>Kidney360</i> , 2022, 3, 376-381.	2.1	11
18	Rationale and design of a cluster-randomized pragmatic trial aimed at improving use of guideline directed medical therapy in outpatients with heart failure: PRagmatic trial of messaging to providers about treatment of heart failure (PROMPT-HF). <i>American Heart Journal</i> , 2022, 244, 107-115.	2.7	12
19	Overcoming barriers in the design and implementation of clinical trials for acute kidney injury: a report from the 2020 Kidney Disease Clinical Trialists meeting. <i>Nephrology Dialysis Transplantation</i> , 2023, 38, 834-844.	0.7	14

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20	A Research Ethics Framework for the Clinical Translation of Healthcare Machine Learning. American Journal of Bioethics, 2022, 22, 8-22.	0.9	42
21	Natriuresisâ€‘guided therapy in acute heart failure: rationale and design of the <scp>Pragmatic Urinary Sodiumâ€‘based treatment algorithm</scp> in <scp>Acute Heart Failure</scp> (<scp>PUSHâ€‘AHF</scp>) trial. European Journal of Heart Failure, 2022, 24, 385-392.	7.1	26
22	AKI in Hospitalized Children: Poorly Documented (and Underrecognized). Frontiers in Pediatrics, 2021, 9, 790509.	1.9	8
23	Nudging within learning health systems: next generation decision support to improve cardiovascular care. European Heart Journal, 2022, 43, 1296-1306.	2.2	16
24	Cost-effectiveness and value of information analysis of NephroCheck and NGAL tests compared to standard care for the diagnosis of acute kidney injury. BMC Nephrology, 2021, 22, 399.	1.8	7
25	Clinical Evaluation of AI in Medicine. , 2022, , 645-660.		0
26	Role of artificial intelligence in the diagnosis and management of kidney disease: applications to chronic kidney disease and acute kidney injury. Current Opinion in Nephrology and Hypertension, 2022, 31, 283-287.	2.0	6
27	Overview of Diagnostic Criteria and Epidemiology of Acute Kidney Injury and Acute Kidney Disease in the Critically Ill Patient. Clinical Journal of the American Society of Nephrology: CJASN, 2022, 17, 717-735.	4.5	18
28	Database Research in Acute Kidney Injury: Time to Take Stock?. American Journal of Kidney Diseases, 2022, 79, 483-485.	1.9	0
29	Electronic Alerts to Improve Heartâ‘Failure Therapy in Outpatient Practice. Journal of the American College of Cardiology, 2022, 79, 2203-2213.	2.8	86
30	Alerting to acute kidney injury - Challenges, benefits, and strategies. Practical Laboratory Medicine, 2022, 30, e00270.	1.3	4
31	Forecasting of Patient-Specific Kidney Transplant Function With a Sequence-to-Sequence Deep Learning Model. JAMA Network Open, 2021, 4, e2141617.	5.9	7
32	The potential for artificial intelligence to predict clinical outcomes in patients who have acquired acute kidney injury during the perioperative period. Perioperative Medicine (London, England), 2021, 10, 49.	1.5	1
34	Electronic alerts and a care bundle for acute kidney injuryâ€‘an Australian cohort study. Nephrology Dialysis Transplantation, 2023, 38, 610-617.	0.7	9
35	The Impact of Health Information Technology for Early Detection of Patient Deterioration on Mortality and Length of Stay in the Hospital Acute Care Setting: Systematic Review and Meta-Analysis*. Critical Care Medicine, 2022, 50, 1198-1209.	0.9	7
36	The impact of clinical decision support systems on provider behavior in the inpatient setting: A systematic review and metaâ‘analysis. Journal of Hospital Medicine, 2022, 17, 368-383.	1.4	8
37	Use of pragmatic and explanatory trial designs in acute care research: lessons from COVID-19. Lancet Respiratory Medicine,the, 2022, 10, 700-714.	10.7	22
38	Optimizing the Design and Analysis of Future AKI Trials. Journal of the American Society of Nephrology: JASN, 2022, 33, 1459-1470.	6.1	17

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39	A Call for a Consensus Approach to the Design, Implementation, and Evaluation of Early Warning Systems*. Critical Care Medicine, 2022, 50, 1280-1282.	0.9	1
40	Clinical deployment environments: Five pillars of translational machine learning for health. Frontiers in Digital Health, 0, 4, .	2.8	4
41	Opportunities in digital health and electronic health records for acute kidney injury care. Current Opinion in Critical Care, 2022, 28, 605-612.	3.2	1
42	Pathophysiology, Prevention, and Nondialytic Treatment of ATN in Hospitalized Patients. Nephrology Self-assessment Program: NephSAP, 2022, 21, 12-28.	3.0	0
43	Assuring the safety of AI-based clinical decision support systems: a case study of the AI Clinician for sepsis treatment. BMJ Health and Care Informatics, 2022, 29, e100549.	3.0	10
44	Subphenotypes of acute kidney injury in children. Current Opinion in Critical Care, 2022, 28, 590-598.	3.2	5
45	Alternative Clinical Trial Designs for Nephrology Research. , 2022, , 461-492.		0
46	Innovations in Intensive Care Nephrology. , 2022, , 343-363.		2
47	Recent Advances and Future Perspectives in the Use of Machine Learning and Mathematical Models in Nephrology. Advances in Chronic Kidney Disease, 2022, 29, 472-479.	1.4	3
48	Can Artificial Intelligence Assist in Delivering Continuous Renal Replacement Therapy?. Advances in Chronic Kidney Disease, 2022, 29, 439-449.	1.4	7
49	Artificial Intelligence in Acute Kidney Injury Prediction. Advances in Chronic Kidney Disease, 2022, 29, 450-460.	1.4	3
51	Accuracy of clinicians's ability to predict the need for renal replacement therapy: a prospective multicenter study. Annals of Intensive Care, 2022, 12, .	4.6	3
52	The rate of acute kidney injury (AKI) alert detection by the attending physicians was associated with the prognosis of patients with AKI. Frontiers in Public Health, 0, 10, .	2.7	1
53	Filtering Down to Risks and Solutions: Risk Factors and Stratification After Pediatric Cardiac Surgery. Seminars in Nephrology, 2022, , 151278.	1.6	0
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55	Artificial Intelligence Applications in Clinical Chemistry. Clinics in Laboratory Medicine, 2023, 43, 47-69.	1.4	3
56	Impact of an Electronic Alert in Combination with a Care Bundle on the Outcomes of Acute Kidney Injury. Diagnostics, 2022, 12, 3121.	2.6	2
57	Does acute kidney injury alerting improve patient outcomes?. BMC Nephrology, 2023, 24, .	1.8	5

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58	System-Based Solutions to Minimizing Nephrotoxin-Induced Acute Kidney Injury. Clinical Journal of the American Society of Nephrology: CJASN, 2023, 18, 157-159.	4.5	0
59	Cautious Optimism. Clinical Journal of the American Society of Nephrology: CJASN, 2023, 18, 668-670.	4.5	0
60	Predicting the risk of acute kidney injury in primary care: derivation and validation of STRATIFY-AKI. British Journal of General Practice, 2023, 73, e605-e614.	1.4	3
61	Predict, diagnose, and treat chronic kidney disease with machine learning: a systematic literature review. Journal of Nephrology, 2023, 36, 1101-1117.	2.0	15
62	FDA Regulation of Laboratory Clinical Decision Support Software: Is It a Medical Device?. Clinical Chemistry, 2023, 69, 327-329.	3.2	3
63	Electronic Health Recordâ€Nested Reminders for Serum Lithium Level Monitoring in Patients With Mood Disorder: Randomized Controlled Trial. Journal of Medical Internet Research, 0, 25, e40595.	4.3	2
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69	Acute kidney injury associated with nephrotoxic drugs in critically ill patients: a multicenter cohort study using electronic health record data. CKJ: Clinical Kidney Journal, 2023, 16, 2549-2558.	2.9	0
70	Digital health and acute kidney injury: consensus report of the 27th Acute Disease Quality Initiative workgroup. Nature Reviews Nephrology, 2023, 19, 807-818.	9.6	6
71	Electronic alerts in acute kidney injury: why does evidence of benefit remain elusive?. Current Opinion in Nephrology and Hypertension, 0, , .	2.0	0
72	Facilitators and Barriers to Interacting With Clinical Decision Support in the ICU: A Mixed-Methods Approach. , 2023, 5, e0967.		0
73	Clinical Decision Support: Moving Beyond Interruptive â€Pop-upâ€Alerts. Mayo Clinic Proceedings, 2023, 98, 1275-1279.	3.0	0
74	Prevalence of electronic screening for sepsis in National Health Service acute hospitals in England. BMJ Health and Care Informatics, 2023, 30, e100743.	3.0	0
75	A proposed framework for advancing acute kidney injury risk stratification and diagnosis in children: a report from the 26th Acute Disease Quality Initiative (ADQI) conference. Pediatric Nephrology, 2024, 39, 929-939.	1.7	1
76	Electronic alerts based on clinical decision support system for post-contrast acute kidney injury. Kidney Research and Clinical Practice, 2023, 42, 541-545.	2.2	0

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77	Heterogeneity in Acute Kidney Injury Management in Critically Ill Patients: National Survey. Journal for Nurse Practitioners, 2023, 19, 104776.	0.8	0
78	Electronic alert outpatient protocol improves the quality of care for the risk of postcontrast acute kidney injury following computed tomography. Kidney Research and Clinical Practice, 2023, 42, 606-616.	2.2	1
80	An introduction to realist evaluation and synthesis for kidney research. Kidney International, 2023, , .	5.2	0
81	Information displays for automated surveillance algorithms of in-hospital patient deterioration: a scoping review. Journal of the American Medical Informatics Association: JAMIA, 2023, 31, 256-273.	4.4	1
82	Artificial intelligence and machine learning for clinical pharmacology. British Journal of Clinical Pharmacology, 2024, 90, 629-639.	2.4	4
83	Predicting acute kidney injury with an artificial intelligence-driven model in a pediatric cardiac intensive care unit. Journal of Anesthesia, Analgesia and Critical Care, 2023, 3, .	1.3	0
84	Artificial Intelligence in medicine. AI Critique, 2023, , 155-178.	0.2	0
85	Clinical Decision Support Tools in the Electronic Medical Record. Kidney International Reports, 2023, , .	0.8	0
86	Optimum Care of AKI Survivors Not Requiring Dialysis after Discharge: An AKINow Recovery Workgroup Report. Kidney360, 2024, 5, 124-132.	2.1	0
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88	Artificial intelligence and the future of pharmacy. American Journal of Health-System Pharmacy, 2024, 81, 83-84.	1.0	0
89	Chinese experts'™ consensus on the application of intensive care big data. Frontiers in Medicine, 0, 10, .	2.6	0
90	Rationale and design of the THIRST Alert feasibility study: a pragmatic, single-centre, parallel-group randomised controlled trial of an interruptive alert for oral fluid restriction in patients treated with intravenous furosemide. BMJ Open, 2024, 14, e080410.	1.9	0
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95	Comparison of Clinical Decision Support Tools to Improve Pediatric Lipid Screening. Journal of Pediatrics, 2024, 269, 113973.	1.8	0

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