

Table 1.

Study characteristics

study	design	diagnosis	Outcome measures	EWS & threshold(s) (\geq)	country	number of patients included	mean or median age	female (%)
<i>Cardiothoracic</i>								
Chiu YD, 2020	retrospective	major cardiac surgery	in-hospital mortality, ICU, cardiac arrest	NEWS (5 ; 7)	UK	442893	NA	NA
<i>Hematology</i>								
Von-Lilienfeld-Toal M, 2007	retrospective	post allo-SCT for (non)malignant hematologic conditions	in-hospital mortality	LEWS (7), MEWS (7), PARS (7)	UK	43	40	49
<i>Neurology</i>								
Knoery C, 2021	prospective	stroke	in-hospital mortality, 30-day mortality	MEWS (2 ; 4)	UK	2006	77	52
Liljehult J, 2016	retrospective	stroke	30-day mortality	EWS (2 ; 4 ; 5)	Denmark	274	72	50

Peng L, 2021	retrospective	brain tumor	ICU	PAREWS (4), NEWS2 (7), NEWS (7), WPSS (4), EWS _a (3), SEWS (3), MEWS _b (4), MEWS _c (4 ; 7), EWS _d (4), AEWSS (5), EWS _e (4), EWS _f (3), PARS (5), MEWS _g (5), Reading MEWS (5), MEWS _h (4), MEWS _i (5), EWS system physiological scores (4), EWS _j (4), MEWS _k (4), CCOTSS (5), modified PAR scoring system _l (4), MEWS _m (7), Centile-based EWS _n (3).	China	326	52	54
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Pulmonary

Aliberti MJR, 2021	prospective	COVID-19	30-day mortality	NEWS (6 ; 8 ; 10)	Brazil	1428	66	42
Barlow G, 2007	retrospective	pneumonia	30-day mortality	CURB65 (3), CRB65 (3), SIRS (2), SEWS (4)	UK	419	74	53
Barnett WR, 2021	retrospective	COVID-19	ICU	MEWS (5)	US	98	NA	NA
Bradley P, 2020	prospective	COVID-19	30-day mortality	CURB65 (2 ; 3), NEWS2 (5), qSOFA (2)	UK	605 ; 730	70	39
De Socio GV, 2021	retrospective	COVID-19	in-hospital mortality, ICU	NEWS2 (4)	Italy	121	65	35
Echevarria C, 2019	prospective	acute exacerbation of COPD	in-hospital mortality	NEWS (5 ; 7), NEWS2 (5 ; 7), NEWS2(allcopd) (5 ; 7)	UK	2645	73	54
Fan G, 2020	retrospective	COVID-19	in-hospital mortality	A-DROP (2), CURB65 (2), PSI (3), SMART-COP (2), NEWS2 (5), CRB65 (1), qSOFA (1)	China	654	NA	NA
Gidari A, 2020	retrospective	COVID-19	ICU	NEWS2 (5 ; 7)	Italy	68	64	34

Grudzinska FS, 2019	retrospective	pneumonia (CAP)	in-hospital mortality, 30-day mortality, ICU	CURB65 (2 ; 3), Lac-CURB-65 (moderate ; high), NEWS (5 ; 7), qSOFA (2)	UK	1311 ; 1534 ; 1632	76	49
Hodgson LE, 2018	retrospective	acute exacerbation of COPD	in-hospital mortality	NEWS (7), NEWS2 (7)	UK	2361	74	NA
Jo S, 2016	retrospective	pneumonia (CAP)	in-hospital mortality	NEWS (5 ; 7), NEWS-L (Q3), PSI (4), CURB65 (2 ; 3)	South-Korea	553	70	37
Liu FY, 2020	retrospective	COVID-19	in-hospital mortality	NEWS2 (5), REMS (6), CRB65 (1), NEWS (5), qSOFA (1)	China	673	61	49
Murphy SA, 2010	retrospective	Acute exacerbation of COPD	in-hospital mortality	WHO-PS/EWS (6)	UK	118	75	60
Myrstad M, 2020	prospective	COVID-19	in-hospital mortality	NEWS2 (5 ; 6), qSOFA (2), SIRS (2), CRB65 (2)	Norway	66	72	42
Pokeerbux MR, 2020	retrospective	COVID-19	in-hospital mortality	NEWS (6)	France	202	65	38,6
Richardson D, 2020	retrospective	COVID-19	in-hospital mortality	NEWS (5), NEWS2 (5)	UK	620	73,3	45,3
Wang L, 2020	retrospective	COVID-19	in-hospital mortality	PSI (113,5), CURB65 (1,5), MEWS (4,5), APACHEII (16,5), SOFA (5,5), qSOFA (1,5), SIRS (0,5)	China	235	71	44

a: Chatterjee M.T. et al, b: Heaps et al, c: Subbe C.P. et al, d: Allen K. et al, e: Smith A.F. et al, f: Andrews T. et al, g: Ryan H. et al, h: Von Lilienfeld-Toal M. et al, i: Gardner-Thorpe J. et al, j: Smith G.B. et al, k: Petraschka M. et al, l: Rees J.E. et al, m: Cooper N. et al, n: Tarassenko L. et al.