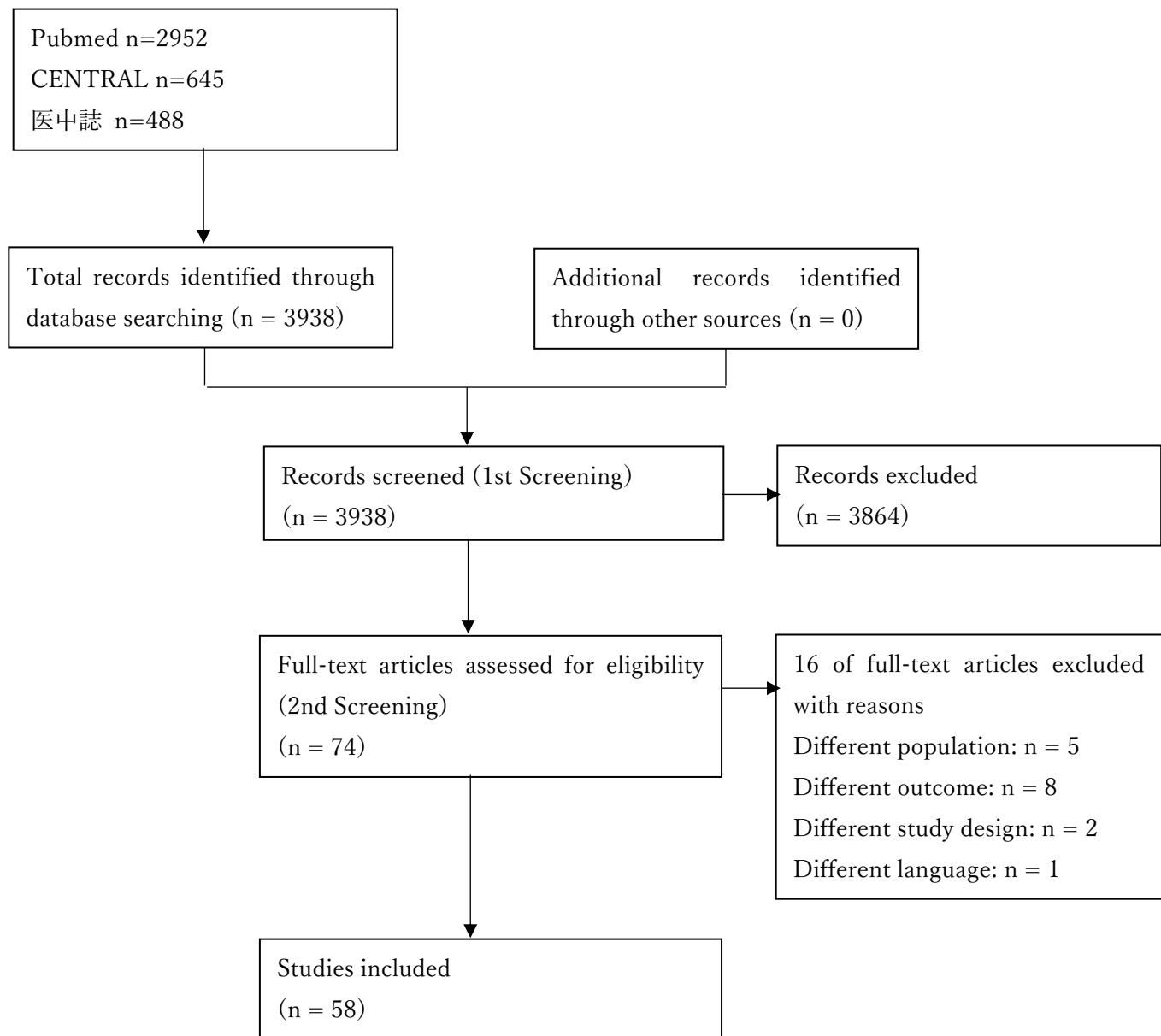


CQ1：集中治療管理を考慮すべき神経筋疾患の兆候として有用な予測因子は何か？

担当：藤堂謙一、内田雅俊

PRISMA フロー図



【データベース検索結果】

タイトル	
CQ	集中治療管理を考慮すべき神経筋疾患の兆候として有用な予測因子は何か？
データベース	Pubmed
日付	2024/7/19
検索者	内田雅俊

#	検索式	文献数
1	"Neuromuscular Diseases"[MeSH Terms] OR "Neuromuscular Diseases"[Title/Abstract] OR "Neuromuscular disease"[Title/Abstract] OR "Neuromuscular Disorders"[Title/Abstract] OR "Amyotrophic Lateral Sclerosis"[MeSH Terms] OR "Amyotrophic Lateral Sclerosis"[Title/Abstract] OR "Myasthenia gravis"[MeSH Terms] OR "Myasthenia gravis"[Title/Abstract] OR "Myasthenic Crisis"[Title/Abstract] OR "Lambert-Eaton Myasthenic Syndrome"[MeSH Terms] OR "Lambert-Eaton Myasthenic Syndrome"[Title/Abstract] OR "guillain barre syndrome"[MeSH Terms] OR "guillain barre syndrome"[Title/Abstract] OR "Miller Fisher Syndrome"[MeSH Terms] OR "Miller Fisher Syndrome"[Title/Abstract]	377,487
2	"predict*" [Title/Abstract] OR "predictive value of tests"[MeSH Terms] OR "scor*" [Title/Abstract] OR "observ*" [Title/Abstract] OR "observer variation"[MeSH Terms] OR "meta-analysis"[Title/Abstract] OR "systematic review*" [Title/Abstract] OR "systematic review"[Publication Type] OR "guideline"[Title/Abstract]	7,641,063
3	"intubation, intratracheal"[MeSH Terms] OR "intubation"[Title/Abstract] OR "endotracheal intubation"[Title/Abstract] OR "respiratory failure"[Title/Abstract] OR "respiratory insufficiency"[MeSH Terms] OR "respiration, artificial"[MeSH Terms] OR "mechanical ventilation*" [Title/Abstract] OR "Intensive Care Units"[MeSH Terms] OR "intensive care unit*" [Title/Abstract] OR "ICU"[Title/Abstract] OR "Deglutition Disorders"[MeSH Terms] OR "dysphagia"[Title/Abstract] OR "swallowing disorder*" [Title/Abstract]	540,062
4	#1 AND #2 AND #3	2,952

【データベース検索結果】

タイトル	
CQ	集中治療管理を考慮すべき神経筋疾患の兆候として有用な予測因子は何か？
データベース	Central
日付	2024/7/5
検索者	内田雅俊

#	検索式	文献数
1	MeSH descriptor: [Neuromuscular Diseases] explode all trees	15255
2	MeSH descriptor: [Amyotrophic Lateral Sclerosis] explode all trees	989
3	MeSH descriptor: [Myasthenia Gravis] explode all trees	350
4	MeSH descriptor: [Lambert-Eaton Myasthenic Syndrome] explode all trees	22
5	MeSH descriptor: [Guillain-Barre Syndrome] explode all trees	99
6	MeSH descriptor: [Miller Fisher Syndrome] explode all trees	1
7	((neuromuscular diseases)):ti,ab,kw	1370
8	((neuromuscular disease)):ti,ab,kw	2621
9	((neuromuscular disorders)):ti,ab,kw	1209
10	(Amyotrophic Lateral Sclerosis):ti,ab,kw	1744
11	(Myasthenia gravis):ti,ab,kw	954
12	(Myasthenic Crisis):ti,ab,kw	26
13	(Lambert-Eaton Myasthenic Syndrome):ti,ab,kw	45
14	(Guillain-Barré syndrome):ti,ab,kw	414
15	(Miller Fisher Syndrome):ti,ab,kw	5
16	#1 OR #2 OR #3 OR #4 OR #5 OR #6 OR #7 OR #8 OR #9 OR #10 OR #11 OR #12 OR #13 OR #14 OR #15	20145
17	(invasive ventilation):ti,ab,kw	5741
18	MeSH descriptor: [Respiration, Artificial] explode all trees	9488
19	MeSH descriptor: [Intubation, Intratracheal] explode all trees	5763
20	MeSH descriptor: [Intubation] explode all trees	6808
21	(Mechanical Ventilation):ti,ab,kw	14902
22	("respiratory failure"):ti,ab,kw	6524
23	("endotracheal intubation"):ti,ab,kw	8135
24	(intubation):ti,ab,kw	24464
25	MeSH descriptor: [Intensive Care Units] explode all trees	6099
26	("intensive care unit"):ti,ab,kw	22587
27	(ICU):ti,ab,kw	19346
28	MeSH descriptor: [Respiratory Insufficiency] explode all trees	3970
29	MeSH descriptor: [Deglutition Disorders] explode all trees	4120

30	(dysphagia):ti,ab,kw	5878
31	(Swallowing Disorder*):ti,ab,kw	1507
32	#17 or #18 or #19 or #20 or #21 or #22 or #23 or #24 or #25 or #26 or #27 or #28 or #29 or #30 or #31	80923
33	MeSH descriptor: [Predictive Value of Tests] explode all trees	10074
34	MeSH descriptor: [Observer Variation] explode all trees	2694
35	(predict*):ti,ab,kw	125143
36	(scor*):ti,ab,kw	378335
37	(observ*):ti,ab,kw	349705
38	#33 or #34 or #35 or #36 or #37	724826
39	#16 AND #32 AND #38	681

【データベース検索結果】

タイトル	
CQ	集中治療管理を考慮すべき神経筋疾患の兆候として有用な予測因子は何か？
データベース	医中誌
日付	2024/7/19
検索者	内田雅俊

#	検索式	文献数
1	((Guillain-Barre症候群/TH or ギランバレー症候群/TA)) and (PT=会議録除く)	2489
2	((重症筋無力症/TH or 重症筋無力症/TA)) and (PT=会議録除く)	5,450
3	((筋萎縮性側索硬化症/TH or 筋萎縮性側索硬化症/TA)) and (PT=会議録除く)	7,705
4	(神経筋疾患/TH or 神経筋疾患/TA) and (PT=会議録除く)	91,295
5	#1 or #2 or #3 or #4	93,270
6	((人工呼吸/TH or 人工呼吸/TA)) and (PT=会議録除く)	38,579
7	((気管内挿管法/TH or 気管内挿管/TA or 気管挿管/TA)) and (PT=会議録除く)	15,194
8	((ICU/TH or ICU/TA or 集中治療/TA) and (PT=会議録除く)	66,141
9	(嚥下障害/TH or 嚥下障害/TA) and (PT=会議録除く)	29,799
10	#6 or #7 or #8 or #9	137,035
11	((危険因子/TH or 危険因子/TA or リスク/TA or 予測/TA or 徴候/TA or 兆候/TA) and (PT=会議録除く)	235,209
12	((臨床意思決定ルール/TH or スコア/TA) and (PT=会議録除く)	50,571

13	#11 or #12	275,888
14	#5 and #10 and #13	488

論文ID	PMID	筆頭著者	論文集	雜誌
1	20973317	Pongpak A	Guillain-Barre syndrome: a clinical study in King Chulalongkorn Memorial Hospital	J Med Assoc Thai. 2010 Oct;93(10):1150-5.
2	35188907	Lisa M Arr	Neck Flexion Strength as a Predictor of Need for Intubation in Guillain-Barre Syndrome	J Clin Neuromuscul Dis. 2022 Mar 1;23(3):119-123.
3	38342870	Safia Banc	Correlation of Cerebrospinal Fluid Total Protein and Serum Neutrophil-to-Lymphocyte Ratio with Clinical Outcomes of Guillain-Barre Syndrome Variants	J Coll Physicians Surg Pak. 2022 Mar 1;34(2):187-192.
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5	35055347	Che-Chen	Utilization of Decision Tree Algorithms for Supporting the Prediction of Intensive Care Unit Admission of Myasthenia Gravis: A Machine Learning-Based Approach	J Pers Med. 2022 Jan 2;12(1):32.
6	35186497	Kanchana	Clinical predictors and electrodiagnostic characteristics in patients with Guillain-Barré syndrome with respiratory failure: a retrospective, matched case-control study	PeerJ. 2022 Feb 10;10:e12930.
7	35338435	Yanwei Ch	Risk Factors for Mechanical Ventilation in Patients with Guillain-Barré Syndrome	Neurocrit Care. 2022 Aug;37(1):121-128.
8	35580194	Marcello C	Guillain-Barré syndrome from an emergency department view: how to better predict the outcome?	Neurol Res. 2022 Nov;44(11):964-968.
9	35106830	Alex Y Do	International Validation of the Erasmus Guillain-Barré Syndrome Respiratory Insufficiency Score	Ann Neurol. 2022 Apr;91(4):521-531.
10	12534991	M-C Dura	Electrophysiology to predict mechanical ventilation in Guillain-Barré syndrome	Eur J Neurol. 2003 Jan;10(1):39-44.
11	17110282	Marie-Chr	Clinical and electrophysiological predictors of respiratory failure in Guillain-Barré syndrome: a prospective study	Lancet Neurol. 2006 Dec;5(12):1021-8.
12	21338488	François FA	simple functional marker to predict the need for prolonged mechanical ventilation in patients with Guillain-Barré syndrome	Crit Care. 2011;15(1):R65.
13	18948360	K Funakos	Clinical predictors of mechanical ventilation in Fisher/Guillain-Barré overlap syndrome	J Neurol Neurosurg Psychiatry. 2009 Jan;80(1):60-4.
14	37823704	Giuliana G	Predictors of respiratory failure in Guillain-Barré syndrome: a 22 year cohort study from a single Italian centre	Eur J Neurol. 2024 Jan;31(1):e16090.
15	29490222	Cameron R	Predictors of respiratory failure in patients with Guillain-Barré syndrome: a systematic review and meta-analysis	Med J Aust. 2018 Mar 5;208(4):181-188.
16	34867753	Yangyu H	Patients With Myasthenia Gravis With Acute Onset of Dyspnea: Predictors of Progression to Myasthenic Crisis and Prognosis	Front Neurol. 2021 Nov 18;12:767961.
17	30847364	Zhahirul Is	Risk factors for respiratory failure in Guillain-Barré syndrome in Bangladesh: a prospective study	Ann Clin Transl Neurol. 2019 Jan 7;6(2):324-332.
18	17824905	H Ito	Phrenic nerve conduction in the early stage of Guillain-Barre syndrome might predict the respiratory failure	Acta Neurol Scand. 2007 Oct;116(4):255-8.
19	36700342	Israt Jaha	Neutrophil-lymphocyte ratio in Guillain-Barré syndrome: A prognostic biomarker of severe disease and mechanical ventilation in Bangladesh	J Peripher Nerv Syst. 2023 Mar;28(1):47-57.
20	38389637	Noel Jame	Incidence of Cardiovascular Instability in Patients With Guillain-Barré Syndrome: A Retrospective Study	Cureus. 2024 Jan 23;16(1):e52778.
21	15007143	K Kaida	Anti-GQ1b antibody as a factor predictive of mechanical ventilation in Guillain-Barré syndrome	Neurology. 2004 Mar 9;62(5):821-4.
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23	31982274	Jayantee I	Serial single breath count is a reliable tool for monitoring respiratory functions in Guillain-Barré Syndrome	J Clin Neurosci. 2020 Feb;72:50-56.
24	24378177	Meena An	Simple bedside predictors of mechanical ventilation in patients with Guillain-Barre syndrome	J Crit Care. 2014 Apr;29(2):219-23.
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26	35469074	Lingxin Ko	The prediction effects of thyroid function in the severity of Guillain-Barré syndrome	Neurol Sci. 2022 Aug;43(8):5017-5028.
27	34509240	Mritunjai K	Prediction models for mechanical ventilation and outcome in Guillain-Barré syndrome	J Clin Neurosci. 2021 Oct;92:131-135.
28	11405803	N D Lawn	Anticipating mechanical ventilation in Guillain-Barré syndrome	Arch Neurol. 2001 Jun;58(6):893-8.
29	35633066	Juan Carl	Deltoid muscle strength and autonomic dysfunction as independent risk factors for invasive mechanical ventilation in patients with Guillain-Barré syndrome	Int J Neurosci. 2023 Dec;133(12):1403-1410.
30	36428088	Linda W G	Modified Erasmus GBS Respiratory Insufficiency Score: a simplified clinical tool to predict the risk of mechanical ventilation in Guillain-Barré syndrome	J Neurol Neurosurg Psychiatry. 2023 Apr;94(4):300-308.
31	37146475	Reema Ma	A vital parameter? Systematic review of spirometry in evaluation for intensive care unit admission and intubation and ventilation for Guillain-Barré syndrome	J Clin Neurosci. 2023 Jul;113:13-19.
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34	35189990	Anaclara N	Predictors of Mechanical Ventilation in Guillain-Barré Syndrome with Axonal Subtypes	Can J Neurol Sci. 2023 Mar;50(2):221-227.
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53	27538676	Christa W	Tracheostomy or Not: Prediction of Prolonged Mechanical Ventilation in Guillain-Barré Syndrome	Neurocrit Care. 2017 Feb;26(1):6-13.
54	25366666	Yueheng V	Hyponatremia is a predictor for poor outcome in Guillain-Barré syndrome	Neurol Res. 2015 Apr;37(4):347-51.
55	34079013	Puyuan W	Risk factors for the severity of Guillain-Barré syndrome and predictors of short-term prognosis of severe Guillain-Barré syndrome	Sci Rep. 2021 Jun 2;11(1):11578.
56	26330143	Xiujuan W	Predictors for mechanical ventilation and short-term prognosis in patients with Guillain-Barré syndrome	Crit Care. 2015 Sep 2;19(1):310.
57	37792219	Jijia Yao	Predicting of Mechanical Ventilation and Outcomes by Using Models and Biomarker in Guillain-Barré Syndrome	Neurol Ther. 2023 Dec;12(6):2121-2132.
58	8708652	U Zifko	Respiratory electrophysiological studies in Guillain-Barré syndrome	J Neurol Neurosurg Psychiatry. 1996 Feb;60(2):191-4.