

文献検索式

・CQ1 から CQ14 まで、対象としたデータベース、検索日、検索期間は同一である。CQ1 に記載し、以降は省略した。

CQ1 けいれん発作に対して重積化を防ぐために早期に治療介入することは必要か

[文献検索 1] データベース：PubMed

検索期間：1980 年 1 月～2015 年 12 月

検索日：2016 年 4 月 30 日(土)

検索式：

- #1 "Status Epilepticus/therapy"[Majr] OR ((status epilepticus* [TI] AND (therap* [TIAB] OR treatment* [TIAB] OR prevent* [TIAB])) NOT medline [SB]) 1,928
- #2 "Seizures, Febrile/therapy"[Majr] OR ((febrile seizure* [TI] AND (therap* [TIAB] OR treatment* [TIAB] OR prevent* [TIAB])) NOT medline [SB]) 537
- #3 #2 AND prolong* [TIAB] 45
- #4 #1 OR #3 1,971
- #5 #4 AND (pre hospital* [TIAB] OR prehospita* [TIAB]) 53
- #6 #4 AND early [TIAB] 201
- #7 #5 OR #6 241
- #8 #7 AND (English [LA] OR Japanese [LA]) 218
- #9 #8 AND 1980:2015 [DP] 208
- #10 #9 AND (Review [PT] OR "Meta-Analysis"[PT] OR "meta-analysis"[TI] OR "Cochrane Database Syst Rev"[TA] OR review [TI] OR "Practice Guideline"[PT] OR "Practice Guidelines as Topic"[MH] OR guideline* [TI] OR overview [TI]) 64
- #11 #9 AND ("Clinical Trial"[PT] OR "Clinical Trials as Topic"[MH] OR ((clinical trial* [TIAB] OR random* [TIAB]) NOT medline [SB])) 33
- #12 #9 AND ("Epidemiologic Studies"[Mesh] OR case control* [TI] OR cohort* [TI]) 42
- #13 (#11 OR #12) NOT #10 59
- #14 #9 AND ("Prognosis"[Mesh] OR "Mortality"[Mesh] OR outcome*[TIAB] OR mortality*[TIAB] OR morbidity*[TIAB] OR neurological sequela* [TIAB]) 127
- #15 #14 NOT (#10 OR #13) 37

[文献検索 2] データベース：医中誌 Web

検索期間：1980 年 1 月～2015 年 12 月

検索日：2016 年 4 月 30 日(土)

検索式：

- #1 てんかん重積状態 /TH or てんかん重積 /TA or けいれん重積 /TA or てんかん発作重積 /TA 3,941
- #2 熱性けいれん /TH or 熱性けいれん /TA or 熱性痙攣 /TA or 有熱けいれん /TA or 有熱痙攣 /TA 3,291
- #3 #2 and 遷延 /TA 50
- #4 #1 or #3 3,975
- #5 #4 and and (SH = 治療の利用, 治療, 薬物療法, 外科的療法, 移植, 食事療法, 放射線療法, 予防) 1,363
- #6 #4 and (治療 /TH or 治療 /TA or 療法 /TA or 予防 /TA) 1,614
- #7 #5 or #6 2,089
- #8 #7 and (病院前 /TA or 早期 /TA) 93
- #9 #8 and (DT = 1980:2015) 92
- #10 #9 and (PT = 総説) 1
- #11 #9 and (RD = ランダム化比較試験, 準ランダム化比較試験, 比較研究) 4
- #12 #9 and (研究デザイン /TH or 疫学的研究デザイン /TH or 疫学研究特性 /TH) 8
- #13 #10 or #11 or #12 10
- #14 #9 and (予後 /TH or 予後 /TA or 死亡率 /TH or 死亡率 /TA or 生存率 /TA or 後遺症 /TA or 罹患率 /TA or アウトカム /TA or 成績 /TA) 36
- #15 #14 not #13 34

CQ2 医療機関受診時にけいれん発作が続いている場合、最初に試みるべき治療は何か

[文献検索 1] データベース：PubMed

検索式：

- #1 "Status Epilepticus/therapy" [Majr] OR ((status epilepticus* [TI] AND (therap* [TIAB] OR treatment* [TIAB])) NOT medline [SB]) 1,920
- #2 ("Seizures, Febrile/therapy" [Majr] OR ((febrile seizure* [TI] AND (therap* [TIAB] OR treatment* [TIAB])) NOT medline [SB])) AND prolong* [TIAB] 45
- #3 "Seizures/drug therapy" [Majr] OR ((seizure* [TI] AND (drug therap* [TIAB] OR chemotherap* [TIAB] OR pharmacotherap* [TIAB])) NOT medline [SB]) 3,091
- #4 #1 OR #2 OR #3 4,960
- #5 #4 AND ("Diazepam/therapeutic use" [Mesh] OR (diazepam* [TIAB] NOT medline [SB])) 442
- #6 #4 AND ("Midazolam/therapeutic use" [Mesh] OR (midazolam* [TIAB] NOT medline [SB])) 254
- #7 #4 AND ("Lorazepam/therapeutic use" [Mesh] OR (lorazepam* [TIAB] NOT medline [SB])) 148
- #8 #4 AND ("Anticonvulsants/therapeutic use" [Mesh] OR (anticonvulsant* [TIAB] NOT medline [SB])) 2,486
- #9 #5 OR #6 OR #7 OR #8 2,791
- #10 #9 AND ("Injections, Intravenous" [Mesh] OR intravenous* [TIAB]) 499
- #11 #9 AND ("Injections, Intramuscular" [Mesh] OR intramuscular* [TIAB]) 101
- #12 #9 AND ("Administration, Intranasal" [Mesh] OR intranasal* [TIAB] OR nasal [TIAB]) 67
- #13 #9 AND ("Administration, Buccal" [Mesh] OR buccal* [TIAB]) 54
- #14 #9 AND ("Administration, Rectal" [Mesh] OR rectal* [TIAB]) 138
- #15 #10 OR #11 OR #12 OR #13 OR #14 620
- #16 #15 AND (English [LA] OR Japanese [LA]) 561
- #17 #16 AND 1980 : 2015 [DP] 532
- #18 #17 AND (Review [PT] OR "Meta-Analysis" [PT] OR "meta-analysis" [TI] OR "Cochrane Database Syst Rev" [TA] OR review [TI] OR "Practice Guideline" [PT] OR "Practice Guidelines as Topic" [MH] OR guideline* [TI] OR overview [TI]) 106
- #19 #17 AND ("Clinical Trial" [PT] OR "Clinical Trials as Topic" [MH] OR ((clinical trial* [TIAB] OR random* [TIAB]) NOT medline [SB])) 121
- #20 #17 AND ("Epidemiologic Studies" [Mesh] OR case control* [TI] OR cohort* [TI]) 118
- #21 #1 OR #2 1,963
- #22 #21 AND ("Diazepam/therapeutic use" [Mesh] OR (diazepam* [TIAB] NOT medline [SB])) 216
- #23 #21 AND ("Midazolam/therapeutic use" [Mesh] OR (midazolam* [TIAB] NOT medline [SB])) 182
- #24 #21 AND ("Lorazepam/therapeutic use" [Mesh] OR (lorazepam* [TIAB] NOT medline [SB])) 115
- #25 #21 AND ("Anticonvulsants/therapeutic use" [Mesh] OR (anticonvulsant* [TIAB] NOT medline [SB])) 935
- #26 #22 OR #23 OR #24 OR #25 1,107
- #27 #26 AND (English [LA] OR Japanese [LA]) 989
- #28 #27 AND 1980 : 2015 [DP] 960
- #29 #28 AND (Review [PT] OR "Meta-Analysis" [PT] OR "meta-analysis" [TI] OR "Cochrane Database Syst Rev" [TA] OR review [TI] OR "Practice Guideline" [PT] OR "Practice Guidelines as Topic" [MH] OR guideline* [TI] OR overview [TI]) 261
- #30 #29 NOT (#18 OR #19 OR #20) 185
- #31 #28 AND ("Clinical Trial" [PT] OR "Clinical Trials as Topic" [MH] OR ((clinical trial* [TIAB] OR random* [TIAB]) NOT medline [SB])) 123
- #32 #31 NOT (#18 OR #19 OR #20 OR #30) 37
- #33 #28 AND ("Epidemiologic Studies" [Mesh] OR case control* [TI] OR cohort* [TI]) 184
- #34 #33 NOT (#18 OR #19 OR #20 OR #30 OR #32) 88

[文献検索 2] データベース：医中誌 Web

検索式：

- #1 てんかん重積状態 /TH or てんかん重積 /TA or けいれん重積 /TA or てんかん発作重積 /TA 3,941
- #2 熱性けいれん /TH or 熱性けいれん /TA or 熱性痙攣 /TA or 有熱けいれん /TA or 有熱痙攣 /TA 3,291
- #3 #2 and 遷延 /TA 50
- #4 #1 or #3 3,975
- #5 #4 and (SH = 治療的利用, 治療, 薬物療法, 外科的療法, 移植, 食事療法, 放射線療法, 予防) 1,363
- #6 #4 and (治療 /TH or 治療 /TA or 療法 /TA or 予防 /TA) 1,614
- #7 #5 or #6 2,089
- #8 Diazepam/TH and (SH = 治療的利用) 2,452
- #9 (Diazepam/TA or ジアゼパム /TA) and (治療 /TH or 治療 /TA or 療法 /TA) 1,042

#10 Midazolam/TH and (SH = 治療の利用)	2,230
#11 (Midazolam/TA or ミダゾラム /TA) and (治療 /TH or 治療 /TA or 療法 /TA)	1,481
#12 Lorazepam/TH and (SH = 治療の利用)	324
#13 (Lorazepam/TA or ロラゼパム /TA) and (治療 /TH or 治療 /TA or 療法 /TA)	117
#14 抗けいれん剤 /TH and (SH = 治療の利用)	20,935
#15 #7 and (#8 or #9 or #10 or #11 or #12 or #13 or #14)	982
#16 #15 and (静脈内注射 /TH or 静脈内注射 /TA or 静脈注射 /TA)	43
#17 #15 and (筋肉内注射 /TH or 筋肉内注射 /TA or 筋肉注射 /TA)	7
#18 #15 and (鼻腔内投与 /TH or 鼻腔内投与 /TA or 鼻粘膜 /TH or 鼻粘膜 /TA)	11
#19 #15 and (頬側投与 /TH or 頬側投与 /TA or 口腔粘膜 /TH or 口腔粘膜 /TA or 頬粘膜 /TA)	6
#20 #15 and (直腸内投与 /TH or 直腸 /TA or 注腸 /TA)	20
#21 #16 or #17 or #18 or #19 or #20	78
#22 #21 and (DT = 1980 : 2015)	78
#23 #15 and (DT = 1980 : 2015)	979
#24 #23 and (PT = 総説)	9
#25 #23 and (RD = ランダム化比較試験, 準ランダム化比較試験, 比較研究)	18
#26 #23 and (研究デザイン /TH or 疫学の研究デザイン /TH or 疫学研究特性 /TH)	52
#27 (#24 or #25 or #26) not #22	58
#28 #23 and ((PT = 症例報告除く) AND (PT = 原著論文))	75
#29 #28 not (#22 or #27)	33
#30 #23 and (PT = 原著論文)	259
#31 #30 not (#22 or #27 or #29)	169

CCQ3 けいれん発作が持続しているが、静脈ルートがとれなかった場合、どのような対処があるか

[文献検索 1] データベース : PubMed

検索式 :

- #1 "Status Epilepticus/therapy" [Majr] OR ((status epilepticus* [TI] AND (therap* [TIAB] OR treatment* [TIAB])) NOT medline [SB]) 1,920
- #2 ("Seizures, Febrile/therapy" [Majr] OR ((febrile seizure* [TI] AND (therap* [TIAB] OR treatment* [TIAB])) NOT medline [SB])) AND prolong* [TIAB] 45
- #3 "Seizures/drug therapy" [Majr] OR ((seizure* [TI] AND (drug therap* [TIAB] OR chemotherap* [TIAB] OR pharmacotherap* [TIAB])) NOT medline [SB]) 3,091
- #4 #1 OR #2 OR #3 4,960
- #5 #4 AND ("Diazepam/therapeutic use" [Mesh] OR (diazepam* [TIAB] NOT medline [SB])) 442
- #6 #4 AND ("Midazolam/therapeutic use" [Mesh] OR (midazolam* [TIAB] NOT medline [SB])) 254
- #7 #4 AND ("Lorazepam/therapeutic use" [Mesh] OR (lorazepam* [TIAB] NOT medline [SB])) 148
- #8 #4 AND ("Anticonvulsants/therapeutic use" [Mesh] OR (anticonvulsant* [TIAB] NOT medline [SB])) 2,486
- #9 #5 OR #6 OR #7 OR #8 2,791
- #10 #9 AND ("Injections, Intravenous" [Mesh] OR intravenous* [TIAB]) 499
- #11 #9 AND ("Injections, Intramuscular" [Mesh] OR intramuscular* [TIAB]) 101
- #12 #9 AND ("Administration, Intranasal" [Mesh] OR intranasal* [TIAB] OR nasal [TIAB]) 67
- #13 #9 AND ("Administration, Buccal" [Mesh] OR buccal* [TIAB]) 54
- #14 #9 AND ("Administration, Rectal" [Mesh] OR rectal* [TIAB]) 138
- #15 #10 OR #11 OR #12 OR #13 OR #14 620
- #16 #15 AND (English [LA] OR Japanese [LA]) 561
- #17 #16 AND 1980 : 2015 [DP] 532
- #18 #17 AND (Review [PT] OR "Meta-Analysis" [PT] OR "meta-analysis" [TI] OR "Cochrane Database Syst Rev" [TA] OR review [TI] OR "Practice Guideline" [PT] OR "Practice Guidelines as Topic" [MH] OR guideline* [TI] OR overview [TI]) 106
- #19 #17 AND ("Clinical Trial" [PT] OR "Clinical Trials as Topic" [MH] OR ((clinical trial* [TIAB] OR random* [TIAB]) NOT medline [SB])) 121
- #20 #19 NOT #18 105
- #21 #17 AND ("Epidemiologic Studies" [Mesh] OR case control* [TI] OR cohort* [TI]) 118
- #22 #21 NOT (#18 OR #20) 85

[文献検索 2] データベース : 医中誌 Web

検索式 :

- #1 てんかん重積状態 /TH or てんかん重積 /TA or けいれん重積 /TA or てんかん発作重積 /TA 3,941

- #2 熱性けいれん /TH or 熱性けいれん /TA or 熱性痙攣 /TA or 有熱けいれん /TA or 有熱痙攣 /TA 3,291
- #3 #2 and 遷延 /TA 50
- #4 #1 or #3 3,975
- #5 #4 and (SH = 治療の利用, 治療, 薬物療法, 外科の療法, 移植, 食事療法, 放射線療法, 予防) 1,363
- #6 #4 and (治療 /TH or 治療 /TA or 療法 /TA or 予防 /TA) 1,614
- #7 #5 or #6 2,089
- #8 Diazepam/TH and (SH = 治療の利用) 2,452
- #9 (Diazepam/TA or ジアゼパム /TA) and (治療 /TH or 治療 /TA or 療法 /TA) 1,042
- #10 Midazolam/TH and (SH = 治療の利用) 2,230
- #11 (Midazolam/TA or ミダゾラム /TA) and (治療 /TH or 治療 /TA or 療法 /TA) 1,481
- #12 Lorazepam/TH and (SH = 治療の利用) 324
- #13 (Lorazepam/TA or ロラゼパム /TA) and (治療 /TH or 治療 /TA or 療法 /TA) 117
- #14 抗けいれん剤 /TH and (SH = 治療の利用) 20,935
- #15 #7 and (#8 or #9 or #10 or #11 or #12 or #13 or #14) 982
- #16 #15 and (静脈内注射 /TH or 静脈内注射 /TA or 静脈注射 /TA) 43
- #17 #15 and (筋肉内注射 /TH or 筋肉内注射 /TA or 筋肉注射 /TA) 7
- #18 #15 and (鼻腔内投与 /TH or 鼻腔内投与 /TA or 鼻粘膜 /TH or 鼻粘膜 /TA) 11
- #19 #15 and (頬側投与 /TH or 頬側投与 /TA or 口腔粘膜 /TH or 口腔粘膜 /TA or 頬粘膜 /TA) 6
- #20 #15 and (直腸内投与 /TH or 直腸 /TA or 注腸 /TA) 20
- #21 #16 or #17 or #18 or #19 or #20 78
- #22 #21 and (DT = 1980 : 2015) 78
- #23 #22 and (PT = 総説) 2
- #24 #22 and (RD = ランダム化比較試験, 準ランダム化比較試験, 比較研究) 1
- #25 #22 and (研究デザイン /TH or 疫学的研究デザイン /TH or 疫学研究特性 /TH) 7
- #26 #23 or #24 or #25 9
- #27 #22 and (PT = 原著論文) 26
- #28 #27 not #26 21
- #29 #22 not (#26 or #27) 48

【CQ4】 けいれん発作を起こした小児で, 入院(入院可能な病院への搬送)の適応はどう判断するか

[文献検索 1] データベース: PubMed

検索式:

- #1 "Status Epilepticus"[Majr] OR ((status epilepticus* [TI] AND (therap* [TIAB] OR treatment* [TIAB])) NOT medicine [SB]) 5,513
- #2 ("Seizures, Febrile"[Majr] OR ((febrile seizure* [TI] AND (therap* [TIAB] OR treatment* [TIAB])) NOT medicine [SB])) AND prolong* [TIAB] 208
- #3 #1 OR #2 5,703
- #4 #3 AND ("Hospitalization"[Mesh] OR "Transportation of Patients"[Mesh] OR ((hospitalization* [TIAB] OR admission* [TIAB] OR transportation* [TIAB]) NOT medicine [SB])) 83
- #5 #4 AND (English [LA] OR Japanese [LA]) 77
- #6 #5 AND 1980 : 2015 [DP] 75
- #7 #6 AND (Review [PT] OR "Meta-Analysis"[PT] OR "meta-analysis"[TI] OR "Cochrane Database Syst Rev"[TA] OR review [TI] OR "Practice Guideline"[PT] OR "Practice Guidelines as Topic"[MH] OR guideline* [TI] OR overview [TI]) 10
- #8 #6 AND ("Clinical Trial"[PT] OR "Clinical Trials as Topic"[MH] OR ((clinical trial* [TIAB] OR random* [TIAB]) NOT medicine [SB])) 2
- #9 #6 AND ("Epidemiologic Studies"[Mesh] OR case control* [TI] OR cohort* [TI]) 39
- #10 #7 OR #8 OR #9 49
- #11 #6 NOT #10 26

[文献検索 2] データベース: 医中誌 Web

検索式:

- #1 てんかん重積状態 /TH or てんかん重積 /TA or けいれん重積 /TA or てんかん発作重積 /TA 3,941
- #2 熱性けいれん /TH or 熱性けいれん /TA or 熱性痙攣 /TA or 有熱けいれん /TA or 有熱痙攣 /TA 3,291
- #3 #2 and 遷延 /TA 50
- #4 #1 or #3 3,975
- #5 #4 and (入院 /TH or 入院 /TA or 患者搬送 /TH or 搬送 /TA or 転送 /TA) 317
- #6 #5 and (DT = 1980 : 2015) 315

- #7 #6 and (PT=総説) 1
 #8 #6 and (RD=ランダム化比較試験, 準ランダム化比較試験, 比較研究) 25
 #9 #6 and (研究デザイン /TH or 疫学の研究デザイン /TH or 疫学研究特性 /TH) 19
 #10 #7 or #8 or #9 33
 #11 #6 and ((PT=症例報告除く) AND (PT=原著論文)) 59
 #12 #11 not #10 29
 #13 #6 and (PT=原著論文) 253
 #14 #13 not (#10 or #12) 194
 #15 #14 and (小児 /TH or 小児 /TA) 102

CQ5 ベンゾジアゼピン系薬剤で発作が消失した場合、発作再発予防のための薬剤追加は有効か

[文献検索 1] データベース：PubMed

検索式：

- #1 "Status Epilepticus/drug therapy"[Majr] OR ((status epilepticus* [TI] AND (therap* [TIAB] OR chemotherap* [TIAB] OR pharmacotherap* [TIAB])) NOT medline [SB]) 1,300
 #2 ("Seizures, Febrile/drug therapy"[Majr] OR ((febrile seizure* [TI] AND (therap* [TIAB] OR chemotherap* [TIAB] OR pharmacotherap* [TIAB])) NOT medline [SB])) AND prolong* [TIAB] 22
 #3 #1 OR #2 1,321
 #4 #3 AND benzodiazepine resistan* [TIAB] 13
 #5 #3 AND ("Benzodiazepines"[Mesh] OR benzodiazepine* [TIAB]) AND ("Drug Resistance"[Mesh] OR reesistan* [TIAB]) 34
 #6 #4 OR #5 47
 #7 #6 AND ("Phenobarbital"[Mesh] OR phenobarbital [TIAB]) 12
 #8 #6 AND ("Phenytoin"[Mesh] OR phenytoin [TIAB]) 17
 #9 #6 AND ("fosphenytoin" [Supplementary Concept] OR fosphenytoin [TIAB]) 1
 #10 #6 AND ("Lidocaine"[Mesh] OR lidocaine [TIAB]) 0
 #11 #6 AND ("Valproic Acid"[Mesh] OR valproic acid* [TIAB] OR sodium valproate* [TIAB]) 8
 #12 #6 AND ("etiracetam" [Supplementary Concept] OR etiracetam [TIAB] OR levetiracetam [TIAB]) 5
 #13 #6 AND "Anticonvulsants/therapeutic use"[Mesh] 34
 #14 #6 AND "Anticonvulsants"[PA] 40
 #15 #7 OR #8 OR #9 OR #10 OR #11 OR #12 OR #13 OR #14 42
 #16 #15 AND (English [LA] OR Japanese [LA]) 38
 #17 #16 AND 1980 : 2015 [DP] 38
 #18 #17 AND (Review [PT] OR "Meta-Analysis"[PT] OR "meta-analysis"[TI] OR "Cochrane Database Syst Rev"[TA] OR review [TI] OR "Practice Guideline"[PT] OR "Practice Guidelines as Topic"[MH] OR guideline* [TI] OR overview [TI]) 11
 #19 #17 AND ("Clinical Trial"[PT] OR "Clinical Trials as Topic"[MH] OR ((clinical trial* [TIAB] OR random* [TIAB]) NOT medline [SB])) 5
 #20 #17 AND ("Epidemiologic Studies"[Mesh] OR case control* [TI] OR cohort* [TI]) 5
 #21 #18 OR #19 OR #20 19
 #22 #17 NOT #21 19

[文献検索 2] データベース：医中誌 Web

検索式：

- #1 てんかん重積状態 /TH or てんかん重積 /TA or けいれん重積 /TA or てんかん発作重積 /TA 3,941
 #2 熱性けいれん /TH or 熱性けいれん /TA or 熱性痙攣 /TA or 有熱けいれん /TA or 有熱痙攣 /TA 3,291
 #3 #2 and 遷延 /TA 50
 #4 #1 or #3 3,975
 #5 #4 and (SH=治療の利用, 治療, 薬物療法) 1,318
 #6 #4 and (治療 /TH or 治療 /TA or 療法 /TA or 治療の利用 /TH) 2,221
 #7 #5 or #6 2,327
 #8 #7 and ベンゾジアゼピン抵抗 /TA 0
 #9 #7 and (Benzodiazepines/TH or ベンゾジアゼピン /TA or benzodiazepines/TA) and (薬物抵抗性 /TH or 抵抗 /TA) 9
 #10 #7 and (Benzodiazepines/TH or ベンゾジアゼピン /TA or benzodiazepines/TA) 546
 #11 #10 and (Phenobarbital/TH or phenobarbital/TA or フェノバルビタール /TA) 99
 #12 #10 and (Phenytoin/TH or phenytoin/TA or フェニトイン /TA) 161
 #13 #10 and (Fosphenytoin/TH or fosphenytoin/TA or フォスフェニトイン /TA) 26
 #14 #10 and (Lidocaine/TH or lidocaine/TA or リドカイン /TA) 40

- #15 #10 and (“Valproic Acid” /TH or “valproic acid” /TA or “sodium valproate” /TA or バルプロ酸 /TA) 56
 #16 #10 and (Levetiracetam/TH or levetiracetam/TA or レベチラセタム /TA) 17
 #17 #10 and (抗けいれん剤 /TH or 抗けいれん剤 /TA or 抗けいれん薬 /TA or 抗てんかん剤 /TA or 抗てんかん薬 /TA or 抗痙攣剤 /TA or 抗痙攣薬 /TA or 抗癲癇剤 /TA or 抗癲癇薬 /TA) 412
 #18 #11 or #12 or #13 or #14 or #15 or #16 or #17 419
 #19 #18 and (DT = 1980 : 2015) 418
 #20 #19 and (PT = 総説) 4
 #21 #19 and (RD = ランダム化比較試験, 準ランダム化比較試験, 比較研究) 11
 #22 #19 and (研究デザイン /TH or 疫学的研究デザイン /TH or 疫学研究特性 /TH) 26
 #23 #20 or #21 or #22 35
 #24 #19 and ((PT = 症例報告除く) AND (PT = 原著論文)) 34
 #25 #24 not #23 14
 #26 #19 and (PT = 原著論文) 110
 #27 #26 not (#23 or #25) 76

CQ6 ベンゾジアゼピン系薬剤の静注で発作が消失しない場合、次の選択肢は何かがあるか

[文献検索 1] データベース：PubMed

検索式：

- #1 “Status Epilepticus/therapy” [Majr] OR ((status epilepticus* [TI] AND (therap* [TIAB] OR treatment* [TIAB] OR prevention* [TIAB] OR chemotherap* [TIAB] OR pharmacotherap* [TIAB])) NOT medline [SB]) 1,922
 #2 (“Seizures, Febrile/therapy” [Majr] OR ((febrile seizure* [TI] AND (therap* [TIAB] OR treatment* [TIAB] OR prevention* [TIAB] OR chemotherap* [TIAB] OR pharmacotherap* [TIAB])) NOT medline [SB])) AND prolong* [TIAB] 45
 #3 #1 OR #2 1,965
 #4 #3 AND (“Benzodiazepines” [Mesh] OR benzodiazepine* [TIAB]) 607
 #5 #4 AND (“Diazepam” [Mesh] OR diazepam* [TIAB]) 273
 #6 #4 AND (“Midazolam” [Mesh] OR midazolam* [TIAB]) 209
 #7 #4 AND (“Lorazepam” [Mesh] OR lorazepam* [TIAB]) 149
 #8 #4 AND (“Lidocaine” [Mesh] OR lidocaine [TIAB]) 24
 #9 #5 OR #6 OR #7 OR #8 439
 #10 #9 AND (“Recurrence” [Mesh] OR recurren* [TIAB]) 56
 #11 #10 AND (English [LA] OR Japanese [LA]) 51
 #12 #11 AND 1980 : 2015 [DP] 50
 #13 #12 AND (Review [PT] OR “Meta-Analysis” [PT] OR “meta-analysis” [TI] OR “Cochrane Database Syst Rev” [TA] OR review [TI] OR “Practice Guideline” [PT] OR “Practice Guidelines as Topic” [MH] OR guideline* [TI] OR overview [TI]) 17
 #14 #12 AND (“Clinical Trial” [PT] OR “Clinical Trials as Topic” [MH] OR ((clinical trial* [TIAB] OR random* [TIAB]) NOT medline [SB])) 12
 #15 #12 AND (“Epidemiologic Studies” [Mesh] OR case control* [TI] OR cohort* [TI]) 6
 #16 #13 OR #14 OR #15 31
 #17 #12 NOT #16 19
 #18 #4 AND (“Recurrence” [Mesh] OR recurren* [TIAB]) 77
 #19 #18 AND prevention* [TIAB] 9
 #20 #19 AND (English [LA] OR Japanese [LA]) 9
 #21 #20 AND 1980 : 2015 [DP] 9
 #22 #21 NOT #12 3

[文献検索 2] データベース：医中誌 Web

検索式：

- #1 てんかん重積状態 /TH or てんかん重積 /TA or けいれん重積 /TA or てんかん発作重積 /TA 3,941
 #2 熱性けいれん /TH or 熱性けいれん /TA or 熱性痙攣 /TA or 有熱けいれん /TA or 有熱痙攣 /TA 3,291
 #3 #2 and 遷延 /TA 50
 #4 #1 or #3 3,975
 #5 #4 and (SH = 治療的利用, 治療, 薬物療法) 1,318
 #6 #4 and (治療 /TH or 治療 /TA or 療法 /TA or 治療的利用 /TH) 2,221
 #7 #5 or #6 2,327
 #8 #7 and (Benzodiazepines/TH or benzodiazepines/TA or ベンゾジアゼピン /TA) 546
 #9 #8 and (Diazepam/TH or diazepam/TA or ジアゼパム /TA) 300

- #10 #8 and (Midazolam/TH or midazolam/TA or ミダゾラム /TA) 272
 #11 #8 and (Lorazepam/TH or lorazepam/TA or ロラゼパム /TA) 9
 #12 #9 or #10 or #11 457
 #13 #12 AND (再発 /TH or 再発 /TA or 反復 /TA) 32
 #14 #13 and (DT = 1980 : 2015) 32
 #15 #14 and (PT = 総説) 1
 #16 #14 and (RD = ランダム化比較試験, 準ランダム化比較試験, 比較研究) 1
 #17 #14 and (研究デザイン /TH or 疫学の研究デザイン /TH or 疫学研究特性 /TH) 1
 #18 #14 and (PT = 原著論文) 15
 #19 #15 or #16 or #17 or #18 16
 #20 #14 not #19 16
 #21 #7 AND (再発 /TH or 再発 /TA or 反復 /TA) 132
 #22 #21 and (DT = 1980 : 2015) 130
 #23 #22 not #14 98

CQ7 けいれん重積状態において、ICU入院を考慮する目安は何か

[文献検索 1] データベース : PubMed

検索式 :

- #1 "Status Epilepticus/therapy" [Majr] OR ((status epilepticus* [TI] AND (therap* [TIAB] OR treatment* [TIAB] OR prevention* [TIAB] OR chemotherap* [TIAB] OR pharmacotherap* [TIAB])) NOT medline [SB]) 1,922
 #2 ("Seizures, Febrile/therapy" [Majr] OR ((febrile seizure* [TI] AND (therap* [TIAB] OR treatment* [TIAB] OR prevention* [TIAB] OR chemotherap* [TIAB] OR pharmacotherap* [TIAB])) NOT medline [SB])) AND prolong* [TIAB] 45
 #3 #1 OR #2 1,965
 #4 #3 AND ("Intensive Care Units" [Mesh] OR intensive care unit* [TIAB] OR ICU [TIAB]) 181
 #5 #4 AND (English [LA] OR Japanese [LA]) 158
 #6 #5 AND 1980 : 2015 [DP] 153
 #7 #6 AND (Review [PT] OR "Meta-Analysis" [PT] OR "meta-analysis" [TI] OR "Cochrane Database Syst Rev" [TA] OR review [TI] OR "Practice Guideline" [PT] OR "Practice Guidelines as Topic" [MH] OR guideline* [TI] OR overview [TI]) 39
 #8 #6 AND ("Clinical Trial" [PT] OR "Clinical Trials as Topic" [MH] OR ((clinical trial* [TIAB] OR random* [TIAB]) NOT medline [SB])) 14
 #9 #6 AND ("Epidemiologic Studies" [Mesh] OR case control* [TI] OR cohort* [TI]) 61
 #10 #7 OR #8 OR #9 105
 #11 #6 NOT #10 48
 #12 #3 AND (refractory status epilepticus* [TIAB] OR refractory SE* [TIAB] OR RSE [TIAB]) 462
 #13 #12 AND ("Hospitalization" [Mesh] OR "Transportation of Patients" [Mesh] OR hospitalization* [TIAB] OR admission* [TIAB] OR transportat* [TIAB]) 38
 #14 #13 AND (English [LA] OR Japanese [LA]) 35
 #15 #14 AND 1980 : 2015 [DP] 34
 #16 #15 NOT #6 17

[文献検索 2] データベース : 医中誌 Web

検索式 :

- #1 てんかん重積状態 /TH or てんかん重積 /TA or けいれん重積 /TA or てんかん発作重積 /TA 3,941
 #2 熱性けいれん /TH or 熱性けいれん /TA or 熱性痙攣 /TA or 有熱けいれん /TA or 有熱痙攣 /TA 3,291
 #3 #2 and 遷延 /TA 50
 #4 #1 or #3 3,975
 #5 #4 and (SH = 治療の利用, 治療, 薬物療法) 1,318
 #6 #4 and (治療 /TH or 治療 /TA or 療法 /TA or 治療の利用 /TH) 2,221
 #7 #5 or #6 2,327
 #8 #7 and (ICU/TH or ICU/TA or "intensive care"/TA or 集中治療 /TA) 197
 #9 #8 and (DT = 1980 : 2015) 195
 #10 #9 and (PT = 総説) 1
 #11 #9 and (RD = ランダム化比較試験, 準ランダム化比較試験, 比較研究) 12
 #12 #9 and (研究デザイン /TH or 疫学の研究デザイン /TH or 疫学研究特性 /TH) 19
 #13 #9 and (PT = 原著論文) 87
 #14 #10 or #11 or #12 or #13 93

- #15 #9 not #14 102
 #16 #7 and 難治性 /TA 142
 #17 #16 and (入院 /TH or 入院 /TA or 患者搬送 /TH or 搬送 /TA or 転送 /TA) 24
 #18 #17 and (DT = 1980 : 2015) 24
 #19 #18 not #9 16

CQ8 難治性けいれん重積状態に対して昏睡療法は有用か

[文献検索 1] データベース : PubMed

検索式 :

- #1 "Status Epilepticus/therapy" [Majr] OR ((status epilepticus* [TI] AND (therap* [TIAB] OR treatment* [TIAB] OR chemotherap* [TIAB] OR pharmacotherap* [TIAB])) NOT medline [SB]) 1,920
 #2 ("Seizures, Febrile/therapy" [Majr] OR ((febrile seizure* [TI] AND (therap* [TIAB] OR treatment* [TIAB] OR chemotherap* [TIAB] OR pharmacotherap* [TIAB])) NOT medline [SB])) AND prolong* [TIAB] 45
 #3 #1 OR #2 1,963
 #4 #3 AND ("Hypothermia, Induced" [Mesh] OR hypothermia* [TIAB] OR targeted temperature management* [TIAB]) 51
 #5 #4 AND (English [LA] OR Japanese [LA]) 48
 #6 #5 AND 1980 : 2015 [DP] 47
 #7 #6 AND (Review [PT] OR "Meta-Analysis" [PT] OR "meta-analysis" [TI] OR "Cochrane Database Syst Rev" [TA] OR review [TI] OR "Practice Guideline" [PT] OR "Practice Guidelines as Topic" [MH] OR guideline* [TI] OR overview [TI]) 16
 #8 #6 AND ("Clinical Trial" [PT] OR "Clinical Trials as Topic" [MH] OR ((clinical trial* [TIAB] OR random* [TIAB]) NOT medline [SB])) 2
 #9 #6 AND ("Epidemiologic Studies" [Mesh] OR case control* [TI] OR cohort* [TI]) 6
 #10 #7 OR #8 OR #9 23
 #11 #6 AND ("Neuroprotection" [Mesh] OR neuroprotection* [TIAB] OR "Prognosis" [Mesh] OR prognos* [TIAB] OR outcome* [TIAB]) 23
 #12 #11 NOT #10 8
 #13 #6 NOT (#10 OR #12) 16

[文献検索 2] データベース : 医中誌 Web

検索式 :

- #1 てんかん重積状態 /TH or てんかん重積 /TA or けいれん重積 /TA or てんかん発作重積 /TA 3,941
 #2 熱性けいれん /TH or 熱性けいれん /TA or 熱性痙攣 /TA or 有熱けいれん /TA or 有熱痙攣 /TA 3,291
 #3 #2 and 遷延 /TA 50
 #4 #1 or #3 3,975
 #5 #4 and (SH = 治療, 薬物療法) 1,318
 #6 #4 and (治療 /TH or 治療 /TA or 療法 /TA) 1,593
 #7 #5 or #6 2,057
 #8 #7 and (低体温法 /TH or 体温管理 /TA or 低体温 /TA or 低温療法 /TA or 脳冷却 /TA) 77
 #9 #8 and (DT = 1980 : 2015) 77
 #10 #9 and (PT = 総説) 3
 #11 #9 and (RD = ランダム化比較試験, 準ランダム化比較試験, 比較研究) 2
 #12 #9 and (研究デザイン /TH or 疫学の研究デザイン /TH or 疫学研究特性 /TH) 8
 #13 #9 and (PT = 原著論文) 23
 #14 #10 or #11 or #12 or #13 31
 #15 #9 and (生理的神経保護 /TH or 神経保護 /TA or 予後 /TH or 予後 /TA) 16
 #16 #15 not #14 11
 #17 #9 not (#14 or #16) 35

CQ9 超難治性けいれん重積状態に対する介入は何かがあるか

[文献検索 1] データベース : PubMed

検索式 :

- #1 "Status Epilepticus/therapy" [Majr] OR ((status epilepticus* [TI] AND (therap* [TIAB] OR treatment* [TIAB] OR chemotherap* [TIAB] OR pharmacotherap* [TIAB])) NOT medline [SB]) 1,920
 #2 ("Seizures, Febrile/therapy" [Majr] OR ((febrile seizure* [TI] AND (therap* [TIAB] OR treatment* [TIAB] OR chemotherap* [TIAB] OR pharmacotherap* [TIAB])) NOT medline [SB])) AND prolong* [TIAB] 45
 #3 #1 OR #2 1,963
 #4 #3 AND ("Barbiturates/therapeutic use" [Mesh] OR barbiturate* [TIAB] OR pentobarbital* [TIAB] OR thiopental* [TIAB])

- OR thiamylal* [TIAB]) 352
- #5 #3 AND (“Midazolam/therapeutic use” [Mesh] OR midazolam* [TIAB]) 263
- #6 #4 OR #5 500
- #7 #6 AND (English [LA] OR Japanese [LA]) 437
- #8 #7 AND 1980 : 2015 [DP] 417
- #9 #8 AND (Review [PT] OR “Meta-Analysis” [PT] OR “meta-analysis” [TI] OR “Cochrane Database Syst Rev” [TA] OR review [TI] OR “Practice Guideline” [PT] OR “Practice Guidelines as Topic” [MH] OR guideline* [TI] OR overview [TI]) 117
- #10 #8 AND (“Clinical Trial” [PT] OR “Clinical Trials as Topic” [MH] OR ((clinical trial* [TIAB] OR random* [TIAB]) NOT medline [SB])) 63
- #11 #8 AND (“Epidemiologic Studies” [Mesh] OR case control* [TI] OR cohort* [TI]) 66
- #12 (#10 OR #11) NOT #9 97
- #13 #8 AND (“Neuroprotection” [Mesh] OR neuroprotection* [TIAB] OR “Prognosis” [Mesh] OR prognos* [TIAB] OR outcome* [TIAB]) 177
- #14 #13 NOT (#9 OR #12) 54

[文献検索 2] データベース：医中誌 Web

検索式：

- #1 てんかん重積状態 /TH or てんかん重積 /TA or けいれん重積 /TA or てんかん発作重積 /TA 3,941
- #2 熱性けいれん /TH or 熱性けいれん /TA or 熱性痙攣 /TA or 有熱けいれん /TA or 有熱痙攣 /TA 3,291
- #3 #2 and 遷延 /TA 50
- #4 #1 or #3 3,975
- #5 #4 and (SH = 治療, 薬物療法) 1,318
- #6 #4 and (治療 /TH or 治療 /TA or 療法 /TA) 1,593
- #7 #5 or #6 2,057
- #8 #7 and (Barbiturates/TH or バルビツレート /TA or barbiturate/TA or pentobarbital/TA or ペントバルビツレート /TA or thiopental/TA or チオペンタール /TA or thiamylal/TA or チアミラル /TA) 355
- #9 #7 and (Midazolam/TH or midazolam/TA or ミダゾラム /TA) 299
- #10 #8 or #9 560
- #11 #10 and (DT = 1980 : 2015) 559
- #12 #11 and (PT = 総説) 3
- #13 #11 and (RD = ランダム化比較試験, 準ランダム化比較試験, 比較研究) 11
- #14 #11 and (研究デザイン /TH or 疫学の研究デザイン /TH or 疫学研究特性 /TH) 33
- #15 #12 or #13 or #14 40
- #16 #11 and (生理的神経保護 /TH or 神経保護 /TA or 予後 /TH or 予後 /TA) 61
- #17 #16 not #15 45
- #18 #11 and (PT = 原著論文) 163
- #19 #18 not (#15 or #17) 121

【CQ10】 難治性けいれん重積状態に脳低温療法は有効か

[文献検索 1] データベース：PubMed

検索式：

- #1 (“Status Epilepticus/therapy” [Majr] OR ((status epilepticus* [TI] AND (therap* [TIAB] OR treatment* [TIAB] OR chemotherap* [TIAB] OR pharmacotherap* [TIAB] OR surgery [TIAB] OR operation* [TIAB]))) NOT medline [SB])) AND super [TIAB] 47
- #2 (“Seizures, Febrile/therapy” [Majr] OR ((febrile seizure* [TI] AND (therap* [TIAB] OR treatment* [TIAB] OR chemotherap* [TIAB] OR pharmacotherap* [TIAB] OR surgery [TIAB] OR operation* [TIAB]))) NOT medline [SB])) AND prolong* [TIAB] 45
- #3 #1 OR #2 92
- #4 #3 AND (English [LA] OR Japanese [LA]) 84
- #5 #4 AND 1980 : 2015 [DP] 76
- #6 #5 AND (Review [PT] OR “Meta-Analysis” [PT] OR “meta-analysis” [TI] OR “Cochrane Database Syst Rev” [TA] OR review [TI] OR “Practice Guideline” [PT] OR “Practice Guidelines as Topic” [MH] OR guideline* [TI] OR overview [TI]) 25
- #7 #5 AND (“Clinical Trial” [PT] OR “Clinical Trials as Topic” [MH] OR ((clinical trial* [TIAB] OR random* [TIAB]) NOT medline [SB])) 6
- #8 #5 AND (“Epidemiologic Studies” [Mesh] OR case control* [TI] OR cohort* [TI]) 15
- #9 #6 OR #7 OR #8 43

- #10 #5 AND (“Barbiturates/therapeutic use” [Mesh] OR barbiturate* [TIAB] OR pentobarbital* [TIAB] OR thiopental* [TIAB] OR thiamylal* [TIAB]) 12
- #11 #5 AND (“Midazolam/therapeutic use” [Mesh] OR midazolam* [TIAB]) 10
- #12 #5 AND (“Anesthesia” [Mesh] OR anesthesia* [TIAB] OR “Propofol” [Mesh] OR propofol* [TIAB]) 13
- #13 #5 AND (“Hypothermia, Induced” [Mesh] OR hypothermia* [TIAB] OR targeted temperature management* [TIAB]) 11
- #14 #5 AND (“Ketogenic Diet” [Mesh] OR ketogenic diet* [TIAB]) 13
- #15 #5 AND (“Ketamine” [Mesh] OR ketamine* [TIAB]) 8
- #16 #5 AND (“Surgical Procedures, Operative” [Mesh] OR surgery [TIAB] OR surgical [TIAB] OR operati* [TIAB]) 8
- #17 (#10 OR #11 OR #12 OR #13 OR #14 OR #15 OR #16) NOT #9 17
- #18 #5 NOT (#9 OR #17) 16

[文献検索 2] データベース：医中誌 Web

検索式：

- #1 (てんかん重積状態 /TH or てんかん重積 /TA or けいれん重積 /TA or てんかん発作重積 /TA) and 超難治性 /TA 1
- #2 (熱性けいれん /TH or 熱性けいれん /TA or 熱性痙攣 /TA or 有熱けいれん /TA or 有熱痙攣 /TA) and 遷延 /TA 50
- #3 (てんかん重積状態 /TH or てんかん重積 /TA or けいれん重積 /TA or てんかん発作重積 /TA) and 難治性 /TA 173
- #4 #2 or #3 222
- #5 #4 and (SH = 治療的利用, 治療, 薬物療法, 外科的療法, 移植, 食事療法, 精神療法, 放射線療法) 88
- #6 #4 and (治療 /TH or 治療 /TA or 療法 /TA or 外科 /TA or 手術 /TA) 142
- #7 #5 or #6 161
- #8 #7 and (DT = 1980 : 2015) 160
- #9 #8 and (PT = 総説) 4
- #10 #8 and (RD = ランダム化比較試験, 準ランダム化比較試験, 比較研究) 8
- #11 #8 and (研究デザイン /TH or 疫学の研究デザイン /TH or 疫学研究特性 /TH) 7
- #12 #9 or #10 or #11 14
- #13 #8 and (Barbiturates/TH or バルビツレート /TA or barbiturate/TA or pentobarbital/TA or ペントバルビツレート /TA or thiopental/TA or チオペンタール /TA or thiamylal/TA or チアミラル /TA) 51
- #14 #8 and (Midazolam/TH or ミダゾラム /TA or midazolam/TA) 23
- #15 #8 and (全身麻酔 /TH or 全身麻酔剤 /TH or 全身麻酔 /TA or Propofol/TH or propofol/TA) 45
- #16 #8 and (低体温法 /TH or 体温管理 /TA or 低体温 /TA or 低温療法 /TA or 脳冷却 /TA) 11
- #17 #8 and (ケトン食 /TH or ケトン食 /TA) 5
- #18 #8 and (Ketamine/TH or ketamine/TA or ケタミン /TA) 0
- #19 #8 and (外科手術 /TH or 外科 /TA or 手術 /TA) 20
- #20 (#13 or #14 or #15 or #16 or #17 or #19) not #12 90
- #21 #20 and (PT = 原著論文) 42
- #22 #8 not (#12 or #21) 104

CG11 けいれん重積状態で、どのような検査が必要か

[文献検索 1] データベース：PubMed

検索式：

- #1 “Status Epilepticus/diagnosis” [Majr] OR ((status epilepticus* [TI] AND (diagnosis [TIAB] OR diagnostic [TIAB] OR diagnoses [TIAB] OR monitoring* [TIAB] OR evaluation* [TIAB] OR assessment* [TIAB])) NOT medline [SB]) 1,343
- #2 “Seizures, Febrile/diagnosis” [Majr] OR ((febrile seizure* [TI] AND (diagnosis [TIAB] OR diagnostic [TIAB] OR diagnoses [TIAB] OR monitoring* [TIAB] OR evaluation* [TIAB] OR assessment* [TIAB])) NOT medline [SB]) 364
- #3 #2 AND prolong* [TIAB] 68
- #4 #1 OR #3 1,404
- #5 #4 AND (“Hematologic Tests” [Mesh] OR hematologic test* [TIAB] OR blood test* [TIAB] OR blood examination* [TIAB]) 4
- #6 #4 AND (“Cerebrospinal Fluid” [Mesh] OR “Cerebrospinal Fluid” [SH] OR cerebrospinal fluid* [TIAB] OR CSF [TIAB]) 41
- #7 #4 AND (“Neuroimaging” [Mesh] OR neuroimag* [TIAB]) 96
- #8 #4 AND (“Electroencephalography” [Mesh] OR electroencephalograph* [TIAB] OR EEG [TIAB]) 712
- #9 #4 AND (“Tomography” [Mesh] OR computed tomograph* [TIAB] OR CT [TI]) 314
- #10 #4 AND (“Magnetic Resonance Imaging” [Mesh] OR magnetic resonance imaging* [TIAB] OR MRI [TIAB]) 299
- #11 #5 OR #6 OR #7 OR #8 OR #9 OR #10 885
- #12 #11 AND (English [LA] OR Japanese [LA]) 786
- #13 #12 AND 1980 : 2015 [DP] 769

- #14 #13 AND (“Meta-Analysis” [PT] OR “meta-analysis” [TI] OR “Cochrane Database Syst Rev” [TA] OR “Practice Guideline” [PT] OR “Practice Guidelines as Topic” [MH] OR guideline* [TI] OR Review [PT] OR review [TI] OR overview [TI]) 104
- #15 #13 AND (“Epidemiologic Study Characteristics as Topic” [MH] OR “Research Design” [MH] OR “Study Characteristics” [PT] OR case control* [TIAB] OR cohort* [TIAB] OR follow up* [TIAB] OR longitudinal* [TIAB] OR comparative* [TIAB]) 490
- #16 #15 AND (“Diagnosis, Differential” [Mesh] OR “Diagnostic Errors” [Mesh] OR “Sensitivity and Specificity” [Mesh] OR “differential diagnosis” [TI] OR sensitivity [TI] OR specificity [TI] OR diagnostic error* [TI]) 127
- #17 #16 NOT #14 114
- #18 #13 AND (“Diagnosis, Differential” [Mesh] OR “Diagnostic Errors” [Mesh] OR “Sensitivity and Specificity” [Mesh] OR “differential diagnosis” [TI] OR sensitivity [TI] OR specificity [TI] OR diagnostic error* [TI]) 168
- #19 #18 NOT (#14 OR #17) 26

[文献検索2] データベース：医中誌 Web

検索式：

- #1 てんかん重積状態 /TH or てんかん重積 /TA or けいれん重積 /TA or てんかん発作重積 /TA 3,941
- #2 熱性けいれん /TH or 熱性けいれん /TA or 熱性痙攣 /TA or 有熱けいれん /TA or 有熱痙攣 /TA 3,291
- #3 #2 and 遷延 /TA 50
- #4 #1 or #3 3,975
- #5 #4 and (SH = 診断の利用, 診断, 画像診断, X線診断, 放射性核種診断, 超音波診断) 1,015
- #6 #4 and (診断 /TH or 診断 /TA or 検査 /TA) 1,822
- #7 #5 or #6 2,023
- #8 #7 and (血液学的検査 /TH or 血液学的検査 /TA or 血液検査 /TA) 51
- #9 #7 and (髄液検査 /TH or 髄液検査 /TA or 髄液細胞検査 /TA) 87
- #10 #7 and (神経系イメージング /TH or 神経画像 /TA) 30
- #11 #7 and (脳波記録法 /TH or 脳波 /TA) 756
- #12 #7 and (断層撮影 /TH or 断層撮影 /TA or CT/TI or 頭部 CT/TA) 812
- #13 #7 and (MRI/TH or MRI/TA or 磁気共鳴映像法 /TA or 頭部 MRI/TA) 696
- #14 #8 or #9 or #10 or #11 or #12 or #13 1,351
- #15 #14 and (DT = 1980 : 2015) 1,345
- #16 #15 and (PT = 総説) 16
- #17 #15 and (RD = ランダム化比較試験, 準ランダム化比較試験, 比較研究) 32
- #18 #15 and (研究デザイン /TH or 疫学の研究デザイン /TH or 疫学研究特性 /TH) 55
- #19 #16 or #17 or #18 91
- #20 #6 and ((PT = 症例報告除く) AND (PT = 原著論文)) 114
- #21 #20 not #19 62

CQ12 けいれん重積状態で、持続脳波モニタリングは有用か けいれん重積状態で、amplitude-integrated EEG は有用か

[文献検索1] データベース：PubMed

検索式：

- #1 “Status Epilepticus/diagnosis” [Mesh] OR (status epilepticus* [TI] NOT medline [SB]) 2,950
- #2 “Seizures, Febrile/diagnosis” [Mesh] OR (febrile seizure* [TI] NOT medline [SB]) 801
- #3 #2 AND prolong* [TIAB] 122
- #4 #1 OR #3 3,054
- #5 #4 AND (“Electroencephalography” [Mesh] OR electroencephalograph* [TIAB] OR EEG [TIAB] OR electrographic seizure* [TIAB] OR electrographic status epilepticus* [TIAB]) 1,450
- #6 #5 AND monitoring* [TIAB] 203
- #7 #8 AND (English [LA] OR Japanese [LA]) 187
- #8 #7 AND 1980 : 2015 [DP] 183
- #9 #8 AND (“Meta-Analysis” [PT] OR “meta-analysis” [TI] OR “Cochrane Database Syst Rev” [TA] OR “Practice Guideline” [PT] OR “Practice Guidelines as Topic” [MH] OR guideline* [TI] OR Review [PT] OR review [TI] OR overview [TI]) 43
- #10 #8 AND (“Epidemiologic Study Characteristics as Topic” [MH] OR “Research Design” [MH] OR “Study Characteristics” [PT] OR case control* [TIAB] OR cohort* [TIAB] OR follow up* [TIAB] OR longitudinal* [TIAB] OR comparative* [TIAB]) 103
- #11 #10 NOT #9 95
- #12 #4 AND (“Electroencephalography” [Majr] OR electroencephalograph* [TI] OR EEG [TI] OR electrographic seizure* [TI])

- OR electrographic status epilepticus* [TI]) 383
 #13 #12 AND (English [LA] OR Japanese [LA]) 354
 #14 #13 AND 1980 : 2015 [DP] 350
 #15 #14 AND ("Meta-Analysis" [PT] OR "meta-analysis" [TI] OR "Cochrane Database Syst Rev" [TA] OR "Practice Guideline" [PT] OR "Practice Guidelines as Topic" [MH] OR guideline* [TI] OR Review [PT] OR review [TI] OR overview [TI]) 66
 #16 #14 AND ("Epidemiologic Study Characteristics as Topic" [MH] OR "Research Design" [MH] OR "Study Characteristics" [PT] OR case control* [TIAB] OR cohort* [TIAB] OR follow up* [TIAB] OR longitudinal* [TIAB] OR comparative* [TIAB]) 213
 #17 #16 AND ("Diagnosis, Differential" [Mesh] OR "Diagnostic Errors" [Mesh] OR "Sensitivity and Specificity" [Mesh] OR "differential diagnosis" [TI] OR sensitivity [TI] OR specificity [TI] OR diagnostic error* [TI]) 57
 #18 (#15 OR #17) NOT (#9 OR #11) 89

[文献検索 2] データベース：医中誌 Web

- #1 てんかん重積状態 /TH or てんかん重積 /TA or けいれん重積 /TA or てんかん発作重積 /TA 3,941
 #2 熱性けいれん /TH or 熱性けいれん /TA or 熱性痙攣 /TA or 有熱けいれん /TA or 有熱痙攣 /TA 3,291
 #3 #2 and 遷延 /TA 50
 #4 #1 or #3 3,975
 #5 #4 and (SH = 診断的利用, 診断) 721
 #6 #4 and (診断 /TH or 診断 /TA or 検査 /TA or モニタリング /TA) 1,828
 #7 #5 or #6 2,004
 #8 #7 and (脳波記録法 /TH or 脳波 /TA) 759
 #9 #8 and (DT = 1980 : 2015) 754
 #10 #9 and (PT = 総説) 14
 #11 #9 and (RD = ランダム化比較試験, 準ランダム化比較試験, 比較研究) 16
 #12 #9 and (研究デザイン /TH or 疫学の研究デザイン /TH or 疫学研究特性 /TH) 35
 #13 #10 or #11 or #12 60
 #14 #9 and ((PT = 症例報告除く) AND (PT = 原著論文)) 76
 #15 #14 not #13 43

CQ13 けいれん重積状態で緊急画像検査(CT, MRI)は必要か

[文献検索 1] データベース：PubMed

検索式：

- #1 "Status Epilepticus/diagnosis" [Mesh] OR (status epilepticus* [TI] NOT medline [SB]) 2,950
 #2 "Seizures, Febrile/diagnosis" [Mesh] OR (febrile seizure* [TI] NOT medline [SB]) 801
 #3 #2 AND prolong* [TIAB] 122
 #4 #1 OR #3 3,054
 #5 #4 AND ("Neuroimaging" [Mesh] OR neuroimag* [TIAB]) 176
 #6 #4 AND ("Tomography" [Mesh] OR computed tomograph* [TIAB] OR CT [TI]) 615
 #7 #4 AND ("Magnetic Resonance Imaging" [Mesh] OR magnetic resonance imaging* [TIAB] OR MRI [TIAB]) 587
 #8 #5 OR #6 OR #7 771
 #9 #8 AND (English [LA] OR Japanese [LA]) 716
 #10 #9 AND 1980 : 2015 [DP] 708
 #11 #10 AND ("Meta-Analysis" [PT] OR "meta-analysis" [TI] OR "Cochrane Database Syst Rev" [TA] OR "Practice Guideline" [PT] OR "Practice Guidelines as Topic" [MH] OR guideline* [TI] OR Review [PT] OR review [TI] OR overview [TI]) 53
 #12 #10 AND ("Epidemiologic Study Characteristics as Topic" [MH] OR "Research Design" [MH] OR "Study Characteristics" [PT] OR case control* [TIAB] OR cohort* [TIAB] OR follow up* [TIAB] OR longitudinal* [TIAB] OR comparative* [TIAB]) 531
 #13 #12 AND ("Diagnosis, Differential" [Mesh] OR "Diagnostic Errors" [Mesh] OR "Sensitivity and Specificity" [Mesh] OR "differential diagnosis" [TI] OR sensitivity [TI] OR specificity [TI] OR diagnostic error* [TI]) 89
 #14 #13 NOT #11 83
 #15 #4 AND ("Neuroimaging" [Majr] OR neuroimag* [TI]) 33
 #16 #4 AND ("Tomography" [Majr] OR computed tomograph* [TI] OR CT [TI]) 175
 #17 #4 AND ("Magnetic Resonance Imaging" [Majr] OR magnetic resonance imaging* [TI] OR MRI [TI]) 180
 #18 #15 OR #16 OR #17 241
 #19 #18 AND ("Epidemiologic Study Characteristics as Topic" [MH] OR "Research Design" [MH] OR "Study Characteristics" [PT] OR case control* [TIAB] OR cohort* [TIAB] OR follow up* [TIAB] OR longitudinal* [TIAB] OR compar-

ative* [TIAB]) 168
 #20 #19 NOT (#11 OR #14) 145

[文献検索 2] データベース：医中誌 Web

検索式：

#1 てんかん重積状態 /TH or てんかん重積 /TA or けいれん重積 /TA or てんかん発作重積 /TA 3,941
 #2 熱性けいれん /TH or 熱性けいれん /TA or 熱性痙攣 /TA or 有熱けいれん /TA or 有熱痙攣 /TA 3,291
 #3 #2 and 遷延 /TA 50
 #4 #1 or #3 3,975
 #5 #4 and (SH=診断の利用, 診断, 画像診断, X線診断, 放射性核種診断, 超音波診断) 1,015
 #6 #4 and (診断 /TH or 診断 /TA or 検査 /TA) 1,822
 #7 #5 or #6 2,023
 #8 #7 and (神経系イメージング /TH or 神経画像 /TA) 30
 #9 #7 and (断層撮影 /TH or 断層撮影 /TA or CT/1 or 頭部 CT/TA) 812
 #10 #7 and (MRI/TH or MRI/TA or 磁気共鳴映像法 /TA or 頭部 MRI/TA) 696
 #11 #8 or #9 or #10 850
 #12 #11 and (DT=1980:2015) 849
 #13 #12 and (PT=総説) 7
 #14 #12 and (RD=ランダム化比較試験, 準ランダム化比較試験, 比較研究) 19
 #15 #12 and (研究デザイン /TH or 疫学的研究デザイン /TH or 疫学研究特性 /TH) 32
 #16 #13 or #14 or #15 50
 #17 #12 and ((PT=症例報告除く) AND (PT=原著論文)) 63
 #18 #17 not #16 33

CQ14 けいれん重積状態の予後不良因子には何があるか

[文献検索 1] データベース：PubMed

検索式：

#1 "Status Epilepticus" [Majr] OR (status epilepticus* [TI] NOT medline [SB]) 5,738
 #2 "Seizures, Febrile" [Majr] OR (febrile seizure* [TI] NOT medline [SB]) 2,099
 #3 #2 AND prolong* [TIAB] 217
 #4 #1 OR #3 5,937
 #5 #4 AND (status epilepticus severity score* [TIAB] OR STESS [TIAB]) 20
 #6 #4 AND (epidemiology-based mortality score* [TIAB] OR EMSE [TIAB]) 4
 #7 #4 AND ("Prognosis" [Mesh] OR prognos* [TIAB]) 946
 #8 #7 AND outcome* [TIAB] 349
 #9 #7 AND score* [TIAB] 54
 #10 #7 AND ("Mortality" [Mesh] OR "Status Epilepticus/mortality" [Mesh] OR "Seizures, Febrile/mortality" [Mesh] OR mortality* [TIAB] OR morbidity* [TIAB]) 294
 #11 #7 AND ("Cause of Death" [Mesh] OR death [TIAB]) 99
 #12 #7 AND ("Disease-Free Survival" [Mesh] OR "Quality of Life" [Mesh] OR (quality [TIAB] AND life [TIAB] AND health [TIAB])) 5
 #13 #5 OR #6 OR #8 OR #9 OR #10 OR #11 OR #12 515
 #14 #13 AND (English [LA] OR Japanese [LA]) 486
 #15 #14 AND 1980:2015 [DP] 478
 #16 #15 AND ("Meta-Analysis" [PT] OR "meta-analysis" [TI] OR "Cochrane Database Syst Rev" [TA] OR "Practice Guideline" [PT] OR "Practice Guidelines as Topic" [MH] OR guideline* [TI] OR Review [PT] OR review [TI] OR overview [TI]) 99
 #17 #15 AND ("Clinical Trial" [PT] OR "Clinical Trials as Topic" [Mesh] OR clinical trial* [TI] OR random* [TI]) 40
 #18 #17 NOT #16 35
 #19 #15 AND ("Epidemiologic Studies" [Mesh] OR case control* [TI] OR cohort* [TI]) 242
 #20 #19 AND (score* [TI] OR outcome* [TI] OR prognos* [TI] OR mortality [TI] OR morbidity [TI] OR death [TI] OR (quality [TI] AND life [TI])) 104
 #21 #20 NOT (#16 OR #18) 92

[文献検索 2] データベース：医中誌 Web

検索式：

#1 てんかん重積状態 /TH or てんかん重積 /TA or けいれん重積 /TA or てんかん発作重積 /TA 3,941
 #2 熱性けいれん /TH or 熱性けいれん /TA or 熱性痙攣 /TA or 有熱けいれん /TA or 有熱痙攣 /TA 3,291

#3 #2 and 遷延 /TA	50
#4 #1 or #3	3,975
#5 #4 and (status epilepticus severity score* /TA or STESS/TA)	0
#6 #4 and (“epidemiology based mortality score” /TA or EMSE/TA)	0
#7 #4 and (SH = 予後)	119
#8 #4 and (予後 /TH or 予後 /TA)	276
#9 #7 or #8	334
#10 #9 and (アウトカム /TA or outcome/TA or “アウトカム評価(保健医療)” /TH)	89
#11 #9 and (スコア /TA or score/TA or 成績 /TA)	9
#12 #9 and (死亡率 /TH or 死亡率 /TA or 生存率 /TA or 後遺症率 /TA)	14
#13 #9 and (死因 /TH or 死因 /TA)	0
#14 #10 or #11 or #12	102
#15 #14 and (DT = 1980 : 2015)	102
#16 #15 and (PT = 総説)	2
#17 #15 and (RD = ランダム化比較試験, 準ランダム化比較試験, 比較研究)	16
#18 #15 and (研究デザイン /TH or 疫学的研究デザイン /TH or 疫学研究特性 /TH)	28
#19 #16 or #17 or #18	36
#20 #15 and (PT = 原著論文)	45
#21 #20 not #19	18