

APPENDIX A: Complete Search Strategy.

Database Searched	Number of Articles Yielded
Search date: Feb 6, 2017	
TOTAL	2473
Medline	787
CENTRAL	31
EMBASE	1406
CINAHL	172
Pubmed (Supp)	31
SpeechBite	46

 Database: Ovid MEDLINE(R) Epub Ahead of Print, In-Process & Other Non-Indexed Citations, Ovid MEDLINE(R) Daily and Ovid MEDLINE(R) <1946 to Present>

- 1 Amyotrophic Lateral Sclerosis/ (15258)
- 2 (Amyotrophic* adj2 Lateral* adj2 Sclerosis*).tw,kw. (17824)
- 3 ALS.tw,kw. (20304)
- 4 (guam adj2 disease*).tw,kw. (47)
- 5 (charcot adj2 disease*).tw,kw. (150)
- 6 (Lougehrig* or Gehrig* or Gerhig* or Gherig*).tw,kw. (144)
- 7 exp Motor Neuron Disease/ (22913)
- 8 motor neuron* disease*.tw,kw. (5345)
- 9 MND.tw,kw. (1604)
- 10 (bulbar adj2 (pals* or paralys*)).tw,kw. (566)
- 11 (fazio* adj2 londe*).tw,kw. (33)
- 12 (spinal adj2 amyotroph*).tw,kw. (146)
- 13 (spinal adj2 muscular adj2 atroph*).tw,kw. (4039)
- 14 (progressive adj2 muscular adj2 atroph*).tw,kw. (516)
- 15 (myelopathic adj2 muscular adj2 atroph*).tw,kw. (8)
- 16 (hereditary adj2 motor adj2 neuronopath*).tw,kw. (25)
- 17 (bulbospinal adj2 neuronopath*).tw,kw. (43)
- 18 (bulbo-spinal adj2 neuronopath*).tw,kw. (5)
- 19 (bulbo-spinal adj2 atroph*).tw,kw. (13)
- 20 (bulbospinal adj2 atroph*).tw,kw. (56)
- 21 (kennedy* adj2 (disease* or syndrom*)).tw,kw. (448)
- 22 (bulbar adj2 spinal adj2 atroph*).tw,kw. (531)
- 23 ((juvenile or infantile) adj2 muscular adj2 atroph*).tw,kw. (278)
- 24 (kugelberg-welander adj2 (disease* or syndrom*)).tw,kw. (137)
- 25 (kugelbergwelander adj2 (disease* or syndrom*)).tw,kw. (1)
- 26 (werdnig adj2 hoffmann adj2 (disease* or syndrom*)).tw,kw. (226)

- 27 (hereditary adj2 motor adj2 neuropath*).tw,kw. (331)
- 28 (motor adj2 neuron* adj2 disease*).tw,kw. (5298)
- 29 (motor adj2 system* adj2 diseas*).tw,kw. (63)
- 30 (lateral adj2 scleros*).tw,kw. (18143)
- 31 "anterior horn cell disease*".tw,kw. (81)
- 32 or/1-31 (40835)
- 33 SOD1.af. (5938)
- 34 Superoxide dismutase.af. (68696)
- 35 c9orf72.mp. (867)
- 36 c9orf72.mp. (6)
- 37 chromosome 9 open reading frame 72.af. (101)
- 38 TARDBP.af. (320)
- 39 TAR DNA-binding protein 43.af. (438)
- 40 TDP-43.af. (1870)
- 41 TDP43.af. (124)
- 42 FUS.af. (2341)
- 43 Fused in Sarcoma.af. (344)
- 44 or/33-43 (73888)
- 45 32 or 44 (108808)
- 46 exp Deglutition Disorders/ (46267)
- 47 dysphagi*.tw,kw. (22464)
- 48 deglut*.tw,kw. (3838)
- 49 swallow*.tw,kw. (24187)
- 50 Deglutition/ (8415)
- 51 or/46-50 (76809)
- 52 45 and 51 (787)**

 Database: EBM Reviews - Cochrane Central Register of Controlled Trials <November 2016>

Search Strategy:

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- 1 Amyotrophic Lateral Sclerosis/ (272)
 - 2 (Amyotrophic* adj2 Lateral* adj2 Sclerosis*).tw,kw. (491)
 - 3 ALS.tw,kw. (702)
 - 4 (guam adj2 disease*).tw,kw. (0)
 - 5 (charcot adj2 disease*).tw,kw. (2)
 - 6 (Lougehrig* or Gehrigh* or Gerhig* or Gherig*).tw,kw. (1)
 - 7 exp Motor Neuron Disease/ (353)
 - 8 motor neuron* disease*.tw,kw. (75)
 - 9 MND.tw,kw. (45)
 - 10 (bulbar adj2 (pals* or paralys*)).tw,kw. (24)
 - 11 (fazio* adj2 londe*).tw,kw. (0)
 - 12 (spinal adj2 amyotroph*).tw,kw. (1)
 - 13 (spinal adj2 muscular adj2 atroph*).tw,kw. (64)

- 14 (progressive adj2 muscular adj2 atroph*).tw,kw. (2)
- 15 (myelopathic adj2 muscular adj2 atroph*).tw,kw. (0)
- 16 (hereditary adj2 motor adj2 neuronopath*).tw,kw. (0)
- 17 (bulbospinal adj2 neuronopath*).tw,kw. (0)
- 18 (bulbo-spinal adj2 neuronopath*).tw,kw. (0)
- 19 (bulbo-spinal adj2 atroph*).tw,kw. (0)
- 20 (bulbospinal adj2 atroph*).tw,kw. (0)
- 21 (kennedy* adj2 (disease* or syndrom*)).tw,kw. (4)
- 22 (bulbar adj2 spinal adj2 atroph*).tw,kw. (10)
- 23 ((juvenile or infantile) adj2 muscular adj2 atroph*).tw,kw. (3)
- 24 (kugelberg-welander adj2 (disease* or syndrom*)).tw,kw. (0)
- 25 (kugelbergwelander adj2 (disease* or syndrom*)).tw,kw. (0)
- 26 (werdnig adj2 hoffmann adj2 (disease* or syndrom*)).tw,kw. (1)
- 27 (hereditary adj2 motor adj2 neuropath*).tw,kw. (29)
- 28 (motor adj2 neuron* adj2 disease*).tw,kw. (83)
- 29 (motor adj2 system* adj2 diseas*).tw,kw. (3)
- 30 (lateral adj2 scleros*).tw,kw. (495)
- 31 "anterior horn cell disease*".tw,kw. (0)
- 32 or/1-31 (1086)
- 33 SOD1.af. (29)
- 34 Superoxide dismutase.af. (1389)
- 35 c9orf72.mp. (5)
- 36 c9orf72.mp. (0)
- 37 chromosome 9 open reading frame 72.af. (1)
- 38 TARDBP.af. (4)
- 39 TAR DNA-binding protein 43.af. (4)
- 40 TDP-43.af. (7)
- 41 TDP43.af. (0)
- 42 FUS.af. (37)
- 43 Fused in Sarcoma.af. (1)
- 44 or/33-43 (1443)
- 45 32 or 44 (2505)
- 46 exp Deglutition Disorders/ (1949)
- 47 dysphagi*.tw,kw. (1733)
- 48 deglut*.tw,kw. (112)
- 49 swallow*.tw,kw. (1968)
- 50 Deglutition/ (289)
- 51 or/46-50 (4656)
- 52 45 and 51 (31)**

Database: Embase <1974 to 2017 February 03>

Search Strategy:

- 1 amyotrophic lateral sclerosis/ (31062)

2 (Amyotrophic* adj2 Lateral* adj2 Sclerosis*).tw,kw. (24771)
3 ALS.tw,kw. (29173)
4 (guam adj2 disease*).tw,kw. (52)
5 (charcot adj2 disease*).tw,kw. (187)
6 (Lougehrig* or Gehrig* or Gerhig* or Gherig*).tw,kw. (244)
7 exp Motor Neuron Disease/ (37888)
8 motor neuron* disease*.tw,kw. (7957)
9 MND.tw,kw. (2821)
10 (bulbar adj2 (pals* or paralys*)).tw,kw. (819)
11 (fazio* adj2 londe*).tw,kw. (49)
12 (spinal adj2 amyotroph*).tw,kw. (160)
13 exp spinal muscular atrophy/ (43959)
14 (spinal adj2 muscular adj2 atroph*).tw,kw. (5267)
15 exp hereditary spinal muscular atrophy/ (2373)
16 (progressive adj2 muscular adj2 atroph*).tw,kw. (614)
17 (myelopathic adj2 muscular adj2 atroph*).tw,kw. (5)
18 (hereditary adj2 motor adj2 neuronopath*).tw,kw. (37)
19 hereditary motor sensory neuropathy/ (8742)
20 (bulbospinal adj2 neuronopath*).tw,kw. (50)
21 (bulbo-spinal adj2 neuronopath*).tw,kw. (5)
22 (bulbo-spinal adj2 atroph*).tw,kw. (15)
23 (bulbospinal adj2 atroph*).tw,kw. (67)
24 Kennedy disease/ (1056)
25 (kennedy* adj2 (disease* or syndrom*)).tw,kw. (594)
26 (bulbar adj2 spinal adj2 atroph*).tw,kw. (703)
27 ((juvenile or infantile) adj2 muscular adj2 atroph*).tw,kw. (322)
28 Kugelberg Welander disease/ (247)
29 (kugelberg-welander adj2 (disease* or syndrom*)).tw,kw. (178)
30 (kugelbergwelander adj2 (disease* or syndrom*)).tw,kw. (0)
31 Werdnig Hoffmann disease/ (480)
32 (werdnig adj2 hoffmann adj2 (disease* or syndrom*)).tw,kw. (282)
33 (hereditary adj2 motor adj2 neuropath*).tw,kw. (526)
34 (motor adj2 neuron* adj2 disease*).tw,kw. (8227)
35 (motor adj2 system* adj2 diseas*).tw,kw. (84)
36 (lateral adj2 scleros*).tw,kw. (25279)
37 "anterior horn cell disease*".tw,kw. (119)
38 or/1-37 (67374)
39 SOD1.af. (6990)
40 superoxide dismutase/ (72990)
41 Superoxide dismutase.af. (96265)
42 c9orf72.mp. (1908)
43 c9orf72.mp. (18)
44 chromosome 9 open reading frame 72.af. (245)
45 TARDBP.af. (692)

- 46 TAR DNA binding protein/ (2774)
- 47 TAR DNA-binding protein 43.af. (635)
- 48 TDP-43.af. (3516)
- 49 TDP43.af. (409)
- 50 FUS.af. (3996)
- 51 fused in sarcoma protein/ (667)
- 52 Fused in Sarcoma.af. (953)
- 53 or/39-52 (106333)
- 54 38 or 53 (163651)
- 55 exp dysphagia/ (57612)
- 56 dysphagi*.tw,kw. (36231)
- 57 deglut*.tw,kw. (5185)
- 58 swallow*.tw,kw. (35772)
- 59 swallowing/ (22273)
- 60 or/55-59 (89883)
- 61 54 and 60 (1988)
- 62 limit 61 to (conference abstract or conference paper or conference proceeding or "conference review") (582)
- 63 61 not 62 (1406)**

 Database: CINAHL

#	Query	Limiters/Expanders	Last Run Via	Results
S57	S50 AND S56	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	172
S56	S51 OR S52 OR S53 OR S54 OR S55	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	8,287
S55	swallow*	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with	4,723

			Full Text	
S54	(MH "Deglutition")	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	1,930
S53	deglut*	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	5,171
S52	dysphagi*	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	3,668
S51	(MH "Deglutition Disorders")	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	4,028
S50	S35 OR S49	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	10,484
S49	S36 OR S37 OR S38 OR S39 OR S40 OR S41 OR S42 OR S43 OR S44 OR S45 OR S46 OR S47 OR S48	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	3,888
S48	TX Fused in Sarcoma	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases	27

			Search Screen - Advanced Search Database - CINAHL with Full Text	
S47	TX FUS	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	723
S46	TX TDP43	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	176
S45	TX TDP-43	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	176
S44	(MH "TDP-43 Proteinopathies")	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	9
S43	TX TAR DNA-binding protein 43	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	36
S42	TX TARDBP	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with	36

			Full Text	
S41	TX chromosome 9 open reading frame 72	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	16
S40	TX c9orf72	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	0
S39	TX c9orf72	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	109
S38	TX Superoxide dismutase	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	2,786
S37	(MH "Superoxide Dismutase")	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	1,091
S36	TX SOD1	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	365
S35	S1 OR S2 OR S3 OR S4 OR S5 OR S6 OR	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases	6,915

	S7 OR S8 OR S9 OR S10 OR S11 OR S12 OR S13 OR S14 OR S15 OR S16 OR S17 OR S18 OR S19 OR S20 OR S21 OR S22 OR S23 OR S24 OR S25 OR S26 OR S27 OR S28 OR S29 OR S30 OR S31 OR S32 OR S33 OR S34		Search Screen - Advanced Search Database - CINAHL with Full Text	
S34	"anterior horn cell disease*"	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	8
S33	(lateral n2 scleros*)	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	2,273
S32	(motor n2 system* n2 diseas*)	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	6
S31	(motor n2 neuron* n2 disease*)	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	981
S30	(hereditary n2 motor n2 neuropath*)	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with	311

			Full Text	
S29	(werdnig n2 hoffmann n2 (disease* or syndrom*))	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	2
S28	(kugelbergwelder n2 (disease* or syndrom*))	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	0
S27	(kugelberg- welder n2 (disease* or syndrom*))	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	3
S26	((juvenile or infantile) n2 muscular n2 atroph*)	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	11
S25	(bulbar n2 spinal n2 atroph*)	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	24
S24	(kennedy* n2 (disease* or syndrom*))	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	20
S23	(bulbospinal n2 atroph*)	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases	0

			Search Screen - Advanced Search Database - CINAHL with Full Text	
S22	(bulbo-spinal n2 atroph*)	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	10
S21	(MH "Bulbo-Spinal Atrophy, X-Linked")	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	10
S20	(bulbo-spinal n2 neuronopath*)	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	0
S19	(bulbospinal n2 neuronopath*)	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	0
S18	(hereditary n2 motor n2 neuronopath*)	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	2
S17	(myelopathic n2 muscular n2 atroph*)	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with	0

			Full Text	
S16	progressive n2 muscular n2 atroph*	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	28
S15	spinal n2 muscular n2 atroph*	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	399
S14	(MH "Muscular Atrophy, Spinal+")	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	166
S13	(spinal n2 amyotroph*)	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	9
S12	(fazio* n2 londe)	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	3
S11	(MH "Bulbar Palsy, Progressive+")	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	11
S10	(bulbar n2 (pals* or paralys*))	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases	35

			Search Screen - Advanced Search Database - CINAHL with Full Text	
S9	MND	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	190
S8	motor neuron* disease*	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	964
S7	(MH "Motor Neuron Diseases+")	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	4,956
S6	(Lougehrig* or Gehrig* or Gerhig* or Gherig*)	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	40
S5	(charcot n2 disease*)	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	464
S4	(guam n2 disease*)	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with	3

			Full Text	
S3	ALS	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	1,698
S2	(Amyotrophic* n2 Lateral* n2 Sclerosis*)	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	2,255
S1	(MH "Amyotrophic Lateral Sclerosis")	Search modes - Boolean/Phrase	Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL with Full Text	1,972

Database: PubMed

((pubstatusaheadofprint OR publisher[sb] OR pubmednotmedline[sb]) AND
((((((((Deglutition Disorders[MeSH Terms]) OR Deglutition[MeSH Terms]) OR
dysphagi*[Title/Abstract]) OR dysphagi*[Other Term]) OR deglut*[Title/Abstract]) OR
deglut*[Other Term]) OR swallow*[Title/Abstract]) OR swallow*[Other Term]))AND
((((((((((((SOD1) OR Superoxide dismutase) OR c9orf72) OR c9orf72) OR chromosome 9
open reading frame 72) OR TARDBP) OR TAR DNA-binding protein 43) OR TDP-43) OR
TDP43) OR FUS) OR Fused in Sarcoma)) OR (((((((((((((((Amyotrophic Lateral
Sclerosis[MeSH Terms]) OR (Amyotrophic*[Title/Abstract] AND Lateral* [Title/Abstract]
AND Sclerosis*[Title/Abstract])) OR (Amyotrophic*[Other Term] AND Lateral* [Other
Term] AND Sclerosis*[Other Term])) OR (guam[Title/Abstract] AND
disease*[Title/Abstract])) OR (guam[Other Term] AND disease*[Other Term])) OR
(charcot[Title/Abstract] AND disease*[Title/Abstract])) OR (charcot[Other Term] AND
disease*[Other Term])) AND (Lougehrig*[Title/Abstract] OR Gehrigh*[Title/Abstract] OR
Gerhig*[Title/Abstract] OR Gherig*[Title/Abstract])) OR (Lougehrig*[Other Term] OR
Gehrigh*[Other Term] OR Gerhig*[Other Term] OR Gherig*[Other Term])) OR Motor
Neuron Disease[MeSH Terms]) OR motor neuron* disease*[Title/Abstract]) OR motor
neuron* disease*[Other Term]) OR MND[Title/Abstract]) OR MND[Other Term])) OR
((((((((((((((((bulbar[Title/Abstract] AND pals*[Title/Abstract])) OR (bulbar[Other Term]

(lateral[Title/Abstract] AND scleros*[Title/Abstract])) OR (lateral[Other Term] AND scleros*[Other Term])) OR anterior horn cell disease*[Title/Abstract]) OR anterior horn cell disease*[Other Term]))))

Database: SpeechBite

Included Terms:

- lateral scleros (29)
- motor system diseases (13)
- Gehrig (1)
- Motor Neuron Disease (5)
- bulbar palsy (1)
- bulbar paralys (2)
- spinal amyotroph (2)
- spinal muscular atroph (2)
- kennedy disease (1)
- kennedy syndrom (1)
- werdnig hoffmann (1)

TOTAL: 58 (46 unique) papers

Excluded Terms (0 results, or other rationale - defined)

- ALS (captures non-specific words, e.g., "also")
- FUS (captures non-specific words, e.g., "effusion")
- guam disease
- charcot disease
- lougehrig
- Gherig
- Gerhig
- MND
- fazio londe
- progressive muscular atroph
- myelopathic muscular atroph
- hereditary motor neuronopath
- bulbospinal neuronopath
- bulbo spinal neuronopath
- bulbospinal atroph
- bulbo spinal atroph
- bulbar spinal atroph
- juvenile muscular atroph
- infantile muscular atroph

- kugelberg-welander disease
- kugelberg-welander syndrom
- kugelbergwelander disease
- kugelbergwelander syndrom
- hereditary motor neuropath
- anterior horn cell disease