

APPENDIX 1

MEDLINE (OviD) search strategy

Ovid MEDLINE(R) Epub Ahead of Print, In-Process & Other Non-Indexed Citations, Ovid MEDLINE(R) Daily and Ovid MEDLINE(R) 1946 to November 2017

1. randomized controlled trial.pt.
2. controlled clinical trial.pt.
3. (randomised or randomized).ab,ti.
4. placebo.ab.
5. drug therapy.fs.
6. randomly.ab.
7. trial.ab.
8. groups.ab.
9. 1 or 2 or 3 or 4 or 5 or 6 or 7 or 8
10. exp animals/ not humans.sh.
11. 9 not 10
12. exp Diabetic Neuropathies/
13. exp Diabetic Foot/
14. exp Peripheral Nervous System Diseases/
15. neuropath*.tw.
16. exp Neuralgia/

17. neuralgia.tw.
18. exp Charcot-Marie-Tooth Disease/
19. exp Facial Nerve Diseases/
20. exp Nerve Regeneration/
21. exp Nerve Degeneration/
22. nerve*.tw.
23. exp Hyperalgesia/
24. allodynia.tw.
25. exp Sensation/
26. sensation.tw.
27. exp Sensation Disorders/
28. an?esthesiomet*.tw.
29. esthesiomet*.tw.
30. aesthesiomet*.tw.
31. (guillain and barre).tw.
32. (polyradiculoneuritis or polyradiculoneuropath* or polyradiculopath*).tw.
33. (inflammatory adj3 (polyneuropath* or mononeuropath* or polyradiculoneuropath*)).tw.
34. (amyloid adj3 neuropath*).tw.
35. (motor and sensory and neuropath* and hereditary).mp.

36. (hereditary and sensory and autonomic and neuropath*).mp.
37. (heredit* adj6 neuropath*).mp.
38. or/12-37
39. (omega-3 or omega 3).tw.
40. (PUFA* or LCPUFA* or polyunsaturated or poly-unsaturated).tw.
41. eicosapentaenoic.tw.
42. EPA.tw.
43. docosahexaenoic.tw.
44. DHA.tw.
45. exp Alpha-Linolenic Acid/
46. alpha-linolenic.tw.
47. Fatty acids/
48. Fatty Acids, Unsaturated/
49. Fatty Acids, Essential/
50. exp Fatty Acids, Omega-3/
51. (Fatty adj3 acid*).tw.
52. or/39-51
53. 11 and 38 and 53

APPENDIX 2

EMBASE (OVID) search strategy

Embase Classic + Embase 1947 to November 2017

1. exp Randomized Controlled Trial/
2. Exp controlled clinical trial
3. (randomised or randomized).ab,ti.
4. placebo.ab.
5. drug therapy.fs.
6. randomly.ab.
7. trial.ab.
8. groups.ab.
9. 1 or 2 or 3 or 4 or 5 or 6 or 7 or 8
10. exp animals/ not humans.sh.
11. 9 not 10
12. exp neuropathy/
13. exp neuralgia/
14. exp nerve regeneration/
15. exp peripheral nervous system/
16. neuropath*.tw.
17. neuralgia.tw.
18. nerve*

19. an?esthesiomet*.tw.
20. esthesiomet*.tw.
21. aesthesiomet*.tw.
22. Sensation*.tw.
23. exp sensation*/
24. exp hyperalgesia/
25. exp allodynia/
26. hyperalgesia.tw.
27. allodynia.tw.
28. (guillain and barre).tw.
29. (polyradiculoneuritis or polyradiculoneuropath* or polyradiculopath*).tw.
30. (inflammatory adj3 (polyneuropath* or mononeuropath* or polyradiculoneuropath*)).tw.
31. (amyloid adj3 neuropath*).tw.
32. (motor and sensory and neuropath* and hereditary).mp.
33. (hereditary and sensory and autonomic and neuropath*).mp.
34. (heredit* adj6 neuropath*).mp.
35. or/12-34
36. exp unsaturated fatty acid/
37. exp fish oil/

38. (PUFA* or LCPUFA* or polyunsaturated or poly-unsaturated).tw.
39. (omega-3 or omega 3).tw.
40. eicosapentaenoic.tw.
41. docosahexaenoic.tw.
42. alpha-linolenic.tw.
43. (Fatty adj3 acid*).tw.
44. EPA.tw.
45. DHA.tw.
46. or/36-45
47. 11 and 35 and 46

APPENDIX 3

Cochrane Central Register of controlled Trials (CENTRAL) search strategy

1. MeSH descriptor: [Diabetic Neuropathies] explode all trees
2. MeSH descriptor: [Diabetic Foot] explode all trees
3. MeSH descriptor: [Peripheral Nervous System Diseases] explode all trees
4. MeSH descriptor: [Neuralgia] explode all trees
5. MeSH descriptor: [Charcot-Marie-Tooth Disease] explode all trees
6. MeSH descriptor: [Facial Nerve Diseases] explode all trees
7. MeSH descriptor: [Nerve Regeneration] explode all trees

8. MeSH descriptor: [Nerve Degeneration] explode all trees
9. (neuropath* or Neuralgia* or nerve*):ti,ab,kw
10. MeSH descriptor: [Hyperalgesia] explode all trees
11. MeSH descriptor: [Sensation] explode all trees
12. MeSH descriptor: [Sensation Disorders] explode all trees
13. (sensation* or hyperalgesia or allodynia):ti,ab,kw
14. (an?esthesiomet* OR esthesiomet* OR aesthesiomet*):ti,ab,kw
15. #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
16. (omega-3 or omega 3 or ω-3 or ω3 or "ω 3"):ti,ab,kw
17. (PUFA* or LCPUFA* or polyunsaturated or poly-unsaturated):ti,ab,kw
18. MeSH descriptor: [Eicosapentaenoic Acid] explode all trees
19. (Eicosapentaenoic OR EPA):ti,ab,kw
20. MeSH descriptor: [Docosahexaenoic Acids] explode all trees
21. (Docosahexaenoic OR DHA):ti,ab,kw
22. MeSH descriptor: [Alpha-Linolenic Acid] explode all trees
23. (Alpha-Linolenic):ti,ab,kw
24. MeSH descriptor: [Fatty acids] this term only
25. MeSH descriptor: [Fatty Acids, Unsaturated] this term only
26. MeSH descriptor: [Fatty Acids, Essential] this term only
27. MeSH descriptor: [Fatty Acids, Omega-3] explode all trees

28. (Fatty near/3 acid*):ti,ab,kw

29. #16 or #17 or #18 or #19 or #20 or #21 or #22 or #23 or #24 or #25 or #26 or #27 or #28

30. #15 and #29

APPENDIX 4

US National Institutes of Health Clinical Trials Registry (ClinicalTrials.gov) search strategy

Condition = neuropathy or nerve or sensation

Intervention = omega-3 or “omega 3” or polyunsaturated OR PUFA or “docosahexaenoic” or DHA OR “eicosapentaenoic” or EPA or “fish oil” or "fish-oil"

APPENDIX 5

World Health Organisation International Clinical Trials Registry Platform (WHO ICTRP) search strategy

Condition = nerve disorders or nerve disease or neuropathy or nerve or sensation

Intervention = omega-3 or omega 3 or polyunsaturated or PUFA or docosahexaenoic or eicosapentaenoic or fish oil