

A systematic review of behavioural and exercise interventions for the prevention and management of chemotherapy-induced peripheral neuropathy symptoms

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Online material

Table S-1. Exemplar of the search protocol for Medline.

1. chemotherapy.mp.
2. peripheral neuropathy.mp.
3. neuropathy.mp.
4. 2 or 3
5. 1 and 4
6. intervention.mp.
7. program\$.mp. or exp *Programs/
8. system.mp.
9. exercise.mp
10. exp *Physical Activity as Topic
11. follow-up.mp.
12. model.mp.
13. 6 or 7 or 8 or 9 or 10 or 11 or 12
14. psycholog*.mp.
15. exp Behavior Therapy/ or exp Behavior/ or behavior#r.mp.
16. education*.mp.
17. exp *Patient Education as Topic/ or psychoeducation*.mp.
18. self-management.mp. or exp Self Care/ or exp Self-Management/
19. motivational interview*.mp. or Motivational Interviewing /
20. 14 or 15 or 16 or 17 or 18 or 19
21. 5 and 13 and 20
22. limit 21 to (english language and yr="2000 -Current" and english and humans and cancer and "humans only (remove records about animals)")

Table S-2. Results of quality assessment of studies using the EPHP a Quality Assessment Tool for Quantitative Studies (Thomas et al. 2004)

STUDIES INCLUDED	CRITERIA						
	Selection bias	Study design	Confounders	Blinding Process	Data collection methods	Sample attrition	Overall
Behavioural intervention studies							
Given et al. (2008)	Moderate	Strong	Moderate	Weak	Moderate	Moderate	Moderate
Toftagen et al. (2016)	Moderate	Moderate	Weak	Moderate	Strong	Moderate	Moderate
Knoerl et al. (2018a)	Moderate	Moderate	Moderate	Moderate	Strong	Strong	Strong
Knoerl et al. (2018b)	Strong	Strong	Moderate	Strong	Strong	Moderate	Strong
Kolb et al. (2018)	Moderate	Strong	Weak	Moderate	Strong	Moderate	Moderate
Knoerl et al. (2019)	Moderate	Strong	Moderate	Moderate	Strong	Strong	Strong
Exercise intervention studies							
Wonders et al. (2013)	Moderate	Moderate	Moderate	Moderate	Weak	Weak	Weak
Streckman et al. (2014)	Strong	Moderate	Moderate	Weak	Moderate	Weak	Weak
Toftagen et al. (2014)	Weak	Moderate	Weak	Weak	Moderate	Weak	Weak
Fernandes & Kumar (2016)	Weak	Moderate	Weak	Weak	Weak	Weak	Weak
Schwenk et al. (2016)	Moderate	Strong	Moderate	Moderate	Strong	Moderate	Moderate
Kleckner et al. (2018)	Moderate	Strong	Strong	Moderate	Strong	Strong	Strong
Vollmers et al. (2018)	Moderate	Weak	Moderate	Moderate	Strong	Moderate	Moderate
Zimmer et al (2018)	Moderate	Moderate	Moderate	Moderate	Strong	Strong	Moderate
McCrary et al. (2019)	Moderate	Moderate	Moderate	Moderate	Strong	Strong	Moderate
Kneis et al. (2019)	Strong	Moderate	Moderate	Moderate	Strong	Strong	Moderate
Bland et al. (2019)	Strong	Moderate	Strong	Weak	Moderate	Strong	Moderate
Hammond et al. (2020)	Moderate	Weak	Weak	Moderate	Weak	Weak	Weak
Bahar-Ozdemir et al. (2020)	Moderate	Moderate	Weak	Moderate	Moderate	Moderate	Moderate