

## Appendix 1: Search Strategy

Database	#	Search syntax
1 MEDLINE including Epubmed Ahead of Print, In- Process & Other Non- Indexed Citations (Ovid)	1	chemotherap*[tiab] OR anticancer[tiab] OR antitumor[tiab] OR antitumour[tiab] OR antineopla*[tiab] OR anticarcin*[tiab] OR anti-tubulin[tiab] OR anti-cancer[tiab] OR anti-tumor[tiab] OR anti-tumour[tiab] OR anti-neopla*[tiab] OR anti-carcin*[tiab] OR anti-tubulin[tiab] OR abraxane[tiab] OR taxane*[tiab] OR paclitaxel[tiab] OR docetaxel[tiab] OR platinum[tiab] OR cisplatin[tiab] OR carboplatin[tiab] OR oxaliplatin[tiab] OR FOLFOX7[tiab] OR FOLFOX6[tiab] OR FOLFOX4[tiab] OR fluorouracil[tiab] OR XELOX[tiab] OR "vinca alkaloid*" [tiab] OR vincristine[tiab] OR vinblastine[tiab] OR vinorelbine[tiab] OR Vindesine[tiab] OR Ixabepilone[tiab] OR thalidomide[tiab] OR lenalidomide[tiab] OR Pomalidomide[tiab] OR paclitaxel[tiab] OR pyrazine*[tiab] OR taxoid*[tiab] OR epothilone*[tiab] OR bortezomib[tiab] OR suramin[tiab] OR alkylat*[tiab] OR "proteasome inhibitor*" [tiab]
	2	"Peripheral Nervous System Diseases"[tiab]/ OR exp "Neuralgia"[tiab]/ OR exp "Neurotoxicity Syndromes"[tiab]/ OR exp "Sensation Disorders"[tiab]/ OR exp "Sensation"[tiab]/ OR exp "Paresis"[tiab]/OR exp
	3	CINP[tiab] OR neuropath*[tiab] OR neuralgia*[tiab] OR neurodynia*[tiab] OR tingling[tiab] OR burning[tiab] OR numbness[tiab] OR causalgia*[tiab] OR sciatic*[tiab] OR neurodystroph*[tiab] OR polyneuropath*[tiab] OR erythromelalgia*[tiab] OR neurotoxic*[tiab] OR paresthesia*[tiab] OR hyperesthesia*[tiab] OR dysethesia*[tiab] OR allodynia*[tiab] OR paresis[tiab] OR

		parases[tiab] OR parapares*[tiab]
	4	Gabapentin OR Neurotin
	5	Pregabalin OR Lyrica
	6	((1 AND 2) OR 3) AND (4 OR 5))
	7	6 AND (randomized controlled trial.pt. or controlled clinical trial.pt. or randomi*ed.ab. or placebo.ab. or drug therapy.fs. or randomly.ab. or trial.ab. or groups.ab. not (exp animals/ not humans.sh.))
Embase	1	(CINP OR tingling OR burning OR numbness OR neuropath* OR neuralgia* OR neurodynia* OR "nerve pain*" OR causalgia* OR sciatic* OR neurodystroph* OR polyneuropath* OR erythromelalgia* OR neurotoxic* OR peripheral OR paresthesia* OR hyperethesia* OR dysethesia* OR allodynia* OR paresis OR parases OR parapares* OR (neuro* OR nerve* OR sensor* OR sense* OR sensatio*) NEAR/3 (disease* OR disorder* OR dystroph* OR toxic* OR impair* OR injur* OR loss OR pain* OR peripheral)):ti,ab,de
	2	"Neurapathy"/exp OR "toxicity and intoxication"/exp OR "Sensation Dysfunction"/exp OR "Sensation"/exp OR "Paresis"/exp
	3	chemotherap*:ti,ab,de AND ,de OR anticancer:ti,ab,de OR antitumor:ti,ab,de OR antitumour:ti,ab,de OR antineopla*:ti,ab,de OR anticarcin*:ti,ab,de OR 'anti cancer':ti,ab,de OR 'anti tumor':ti,ab,de OR 'anti tumour':ti,ab,de OR 'anti neopla*':ti,ab,de OR 'anti carcin*':ti,ab,de OR 'anti tubulin':ti,ab,de OR abraxane:ti,ab,de OR taxane*:ti,ab,de OR docetaxel:ti,ab,de OR platinum:ti,ab,de OR cisplatin:ti,ab,de OR carboplatin:ti,ab,de OR oxaliplatin:ti,ab,de OR 'vinca alkaloid*':ti,ab,de OR vincristine:ti,ab,de OR vinblastine:ti,ab,de OR vinorelbine:ti,ab,de OR thalidomide:ti,ab,de

		OR lenalidomide:ti,ab,de OR paclitaxel:ti,ab,de OR pyrazine*:ti,ab,de OR taxoid*:ti,ab,de OR folfox7:ti,ab,de OR folfox6:ti,ab,de OR folfox4:ti,ab,de OR fluorouracil:ti,ab,de OR xelox:ti,ab,de OR vindesine:ti,ab,de OR ixabepilone:ti,ab,de OR pomalidomide:ti,ab,de OR epothilone*:ti,ab,de OR bortezomib:ti,ab,de OR suramin:ti,ab,de OR alkylat*:ti,ab,de OR 'proteasome inhibitor*':ti,ab,de
	4	('chemically-induced disorder'/de OR exp) AND 'adverse drug reaction'/exp OR 'adjuvant chemotherapy'/exp OR 'antineoplastic agent'/exp OR 'alkylating agent'/exp OR 'platinum'/exp OR 'thalidomide'/exp OR 'epothilone derivative'/exp OR 'boronic acid derivative'/exp OR 'proteasome inhibitor'/exp OR 'pyrazine derivative'/exp OR 'taxoid'/exp OR 'folfox7' OR 'folfox6' OR 'folfox4' OR 'fluorouracil'/exp OR 'xelox'/exp OR 'vindesine'/exp OR 'ixabepilone'/exp OR 'pomalidomide'/exp OR 'drug toxicity':lnk
	5	Gabapentin OR Neurotin
	6	Pregabalin OR Lyrica
	7	(1 OR 2) AND (3 OR 4) AND (5 OR 6)
	8	7 AND ('crossover procedure':de OR 'double- blind procedure':de OR 'randomized controlled trial':de OR 'single-blind procedure':de OR (random* OR factorial* OR crossover* OR cross NEXT/1 over* OR placebo* OR doubl* NEAR/1 blind* OR singl* NEAR/1 blind* OR assign* OR allocat* OR volunteer*):de,ab,ti)