

Table S1: Search domain and search terms (Cochrane/Web of Science/Scopus/ClinicalTrial.gov/Who Trial Registry).

Database	MedLine/Pubmed	Embase	Cochrane
	(("perampanel" [Supplementary Concept] OR Perampanel)) AND (("Epilepsy"[Mesh] OR epilep*[title/abstract] OR "Seizures"[Mesh] OR seizure*[title/abstract]) AND ("Glioma"[Mesh] OR glioma*[title/abstract] OR brain tumor[title/abstract] OR brain tumour[title/abstract] OR brain cancer[title/abstract] OR brain neoplasm[title/abstract] OR brain metastas*[title/abstract] OR "Meningioma"[Mesh] OR meningioma*[title/abstract]))	('brain cancer'/exp OR 'brain cancer' OR 'brain tumor' OR 'brain tumour' OR 'brain neoplasm' OR 'glioma'/exp OR glioma OR 'brain metastas*' OR 'meningioma'/exp OR 'meningioma') AND ('epilepsy'/exp OR epilep*:ab,ti OR 'seizure'/exp OR seizure*:ab,ti) AND ('perampanel'/exp OR perampanel)	perampanel in Title Abstract Keyword AND epilep* OR seizure* in Title Abstract Keyword AND brain cancer OR brain tumor OR brain neoplasm OR glioma OR brain metastas* OR meningioma in Title Abstract Keyword - (Word variations have been searched)
Database	Scopus	Web of Science	
	(TITLE-ABS-KEY (perampanel) AND TITLE-ABS-KEY (brain AND cancer OR brain AND tumor OR brain AND neoplasm OR glioma OR brain AND metastas* OR meningioma) AND TITLE-ABS-KEY (epilep* OR seizure*))	perampanel (All Fields) and brain cancer OR brain tumor OR brain neoplasm OR glioma OR brain metastas* OR meningioma (All Fields) and epilep* OR seizure* (All Fields)	
Clinical Trials			
	ClinicalTrial.gov	Who Trial Registry	
	perampanel AND (brain cancer OR brain tumor OR brain neoplasm OR glioma)	perampanel AND (brain cancer OR brain tumor OR brain neoplasm OR glioma)	