

Table SI. Search strategy.

Database	Search strategy
Cochrane	(“cancer pain” OR “malignant pain” OR “tumor pain” OR “oncologic pain” OR “neoplastic pain”) AND (“gabapentin” OR “Neurontin”) AND (“morphine” OR “oxycodone” OR “fentanyl” OR “tramadol” OR “codeine” OR “opioid”)
PubMed	(“cancer pain”[Title/Abstract] OR “tumor pain”[Title/Abstract] OR “oncologic pain”[Title/Abstract] OR “neoplastic pain”[Title/Abstract]) AND “gabapentin”[Title/Abstract] AND (“morphine”[Title/Abstract] OR “oxycodone”[Title/Abstract] OR “fentanyl”[Title/Abstract] OR “tramadol”[Title/Abstract] OR “codeine”[Title/Abstract] OR “opioid”[Title/Abstract])
Web of Science	TS=(“cancer pain” OR “malignant pain” OR “tumor pain” OR “oncologic pain” OR “neoplastic pain”) AND TS=(“gabapentin” OR “Neurontin”) AND TS=(“morphine” OR “oxycodone” OR “fentanyl” OR “tramadol” OR “codeine” OR “opioid”)
Embase	(‘cancer pain’ OR ‘malignant pain’ OR ‘tumor pain’ OR ‘neoplastic pain’) AND (‘gabapentin’ OR ‘neurontin’) AND (‘morphine’ OR ‘oxycodone’ OR ‘fentanyl’ OR ‘tramadol’ OR ‘codeine’ OR ‘opioid’)
China National Knowledge Infrastructure	(‘cancer pain’ OR ‘malignant pain’ OR ‘tumor pain’ OR ‘neoplastic pain’) AND (‘gabapentin’ OR ‘neurontin’) AND (‘morphine’ OR ‘oxycodone’ OR ‘fentanyl’ OR ‘tramadol’ OR ‘codeine’ OR ‘opioid’)
Wanfang Data	(‘cancer pain’ OR ‘malignant pain’ OR ‘tumor pain’ OR ‘neoplastic pain’) AND (‘gabapentin’ OR ‘neurontin’) AND (‘morphine’ OR ‘oxycodone’ OR ‘fentanyl’ OR ‘tramadol’ OR ‘codeine’ OR ‘opioid’)
VIP	(‘cancer pain’ OR ‘malignant pain’ OR ‘tumor pain’ OR ‘neoplastic pain’) AND (‘gabapentin’ OR ‘neurontin’) AND (‘morphine’ OR ‘oxycodone’ OR ‘fentanyl’ OR ‘tramadol’ OR ‘codeine’ OR ‘opioid’)