

Supplementary file 2: The search strategies and search results in each database**1. PubMed search history**

Search	Query	Items found
#6	#3 AND #2 AND #1: Humans; English; Adult 18+ years	681
#5	#3 AND #2 AND #1 Filters: Humans	2,915
#4	#3 AND #2 AND #1	2,385
#3	Surgical patients[Mesh] OR Patients Undergoing Surgery[Mesh] OR Surgery[Mesh] OR Surgical Patients[Title/Abstract] OR Patients Undergoing Surgery[Title/Abstract] OR Surgery[Title/Abstract]	4,000,195
#2	Preoperative Anxiety[Mesh] OR Anxiety[Mesh] OR Anxiety symptoms[Mesh] OR Anxiety disorder[Mesh] OR General Anxiety disorder[Mesh] OR Mental Health Problems[Mesh] OR Preoperative Anxiety[Title/Abstract] OR Anxiety[Title/Abstract] OR Anxiety symptoms[Title/Abstract] OR Anxiety disorder[Title/Abstract] OR General Anxiety disorder[Title/Abstract] OR Mental Health Problems[Title/Abstract]	312,808
#1	Prevalence[Mesh] OR Magnitude[Mesh] OR Epidemiology[Mesh] OR Incidence[Mesh] OR Burden[Mesh] OR Estimates [Mesh] OR Associated factors[Mesh] OR Determinants[Mesh] OR Correlates[Mesh] OR Predictors[Mesh] OR Prevalence[Title/Abstract] OR Magnitude[Title/Abstract] OR Epidemiology[Title/Abstract] OR Incidence[Title/Abstract] OR Burden[Title/Abstract] OR Estimates OR Associated factors[Title/Abstract] OR Determinants[Title/Abstract] OR Correlates[Title/Abstract] OR Predictors[Title/Abstract]	3,726,562

2. SCOPUS search history

Search	Query	Items found
#6	#5 AND (LIMIT-TO (LANGUAGE, "English"))	313
#5	#4 AND (LIMIT-TO (SUBJECT, "human"))	987
#4	#3 AND #2 AND #1	1,892
#3	"Surgical patients" OR "Patients Undergoing Surgery" OR "Surgery"	19,114
#2	"Preoperative Anxiety" OR "Anxiety" OR "Anxiety symptoms" OR "Anxiety disorder" OR "General Anxiety disorder" OR "Mental Health Problems"	21,138
#1	"Prevalence" OR "Magnitude" OR "Epidemiology" OR "Incidence" OR "Burden" OR "Estimates" OR "Associated factors" OR "Determinants" OR "Correlates" OR "Predictors"	8943

3. CINAHL search history

Search	Query	Items found
S5	Limiters: Human subject and English language	384
S4	S1 AND S2 AND S3	843
S3	(MH "Surgical patients") OR (MH "Patients Undergoing Surgery") OR "Surgery"	3,421
S2	(MH "Preoperative Anxiety") OR (MH "Anxiety") OR (MH "Anxiety symptoms") OR (MH "Anxiety disorder") OR (MH "General Anxiety disorder") OR (MH "Mental Health Problems")	9,124
S1	(MH "Prevalence") OR (MH "Magnitude") OR (MH "Epidemiology") OR (MH "Incidence") OR (MH "Burden") OR (MH "Estimates") OR (MH "Associated factors") OR (MH "Determinants") OR (MH "Correlates") OR (MH "Predictors")	7,841

4. PsychINFO search history

Search	Query	Items found
#5	Filters: Human subject and English language	492
#4	S1 AND S2 AND S3	1231
#3	(MH "Surgical patients") OR (MH "Patients Undergoing Surgery") OR "Surgery"	4,574
#2	(Preoperative Anxiety) OR (Anxiety.tw,id.) OR (Anxiety symptoms.tw,id.) OR (Anxiety disorder.tw,id.) OR (General Anxiety disorder.tw,id.) OR (Mental Health Problems.tw,id.)	9,457
#1	(Prevalence) OR (Magnitude) OR (Epidemiology) OR (Incidence) OR (Burden) OR (Estimates) OR (Associated factors) OR (Determinants) OR (Correlates) OR (Predictors)	12,531

5. Embase search history (Elsevier)

No	Query	Results
#6	#5 AND 'human'/de	240
#5	#4 AND [english]/lim	741
#4	#1 AND #2 AND #3	1109
#3	Surgical patients':ti,ab OR Patients Undergoing Surgery':ti,ab OR Surgery':ti,ab OR Surgical Patients':ti,ab OR Patients Undergoing Surgery':ti,ab OR Surgery':ti,ab	43,865
#2	'Preoperative Anxiety':ti,ab OR 'Anxiety':ti,ab OR 'Anxiety symptoms':ti,ab OR 'Anxiety disorder':ti,ab OR 'General Anxiety disorder':ti,ab OR 'Mental Health Problems':ti,ab.	21,143
#1	'Prevalence':ti,ab OR 'Magnitude': ti,ab OR 'Epidemiology':ti,ab OR 'Incidence':ti,ab OR 'Burden':ti,ab OR 'Estimates':ti,ab OR 'Associated	23,421

	factors':ti,ab OR 'Determinants':ti,ab OR 'Correlates':ti,ab OR 'Predictors':ti,ab OR 'Prevalence':ti,ab	
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