

## Appendix 2

### Search Strategy for Each Database and MESH Terms

Ovid MEDLINE(R) ALL <1946 to July 27, 2021>

- 1 exp Anti-Anxiety Agents/ or Anti-Anxiety Agents.mp. or (anxiolytic or tranquiliz\* or anxiety).ti,ab,kw,sh. 313789
  
- 2 exp "Hypnotics and Sedatives"/ or (Hypnoti\* or Sedat\*).tw,kw,sh. 174705
  
- 3 \*Benzodiazepines/ or Benzodiazepin\*.mp. or (\*Alprazolam/ or Alprazolam.mp.) or (\*Benzodiazepinones/ or Benzodiazepinones.mp.) or (\*Anthramycin/ or Anthramycin.mp.) or (\*Bromazepam/ or Bromazepam.mp.) or (\*Clonazepam/ or Clonazepam.mp.) or (\*Devazepide/ or Devazepide.mp.) or (\*Diazepam/ or Diazepam.mp.) or (\*Flumazenil/ or Flumazenil.mp.) or (\*Flunitrazepam/ or Flunitrazepam.mp.) or (\*Flurazepam/ or Flurazepam.mp.) or (\*Lorazepam/ or Lorazepam.mp.) or (\*Nitrazepam/ or Nitrazepam.mp.) or (\*Oxazepam/ or Oxazepam.mp.) or (\*Pirenzepine/ or Pirenzepine.mp.) or (\*Prazepam/ or Prazepam.mp.) or (\*Temazepam/ or Temazepam.mp.) or (\*Chlordiazepoxide/ or Chlordiazepoxide.mp.) or (\*Clobazam/ or Clobazam.mp.) or (\*Clorazepate Dipotassium/ or Clorazepate Dipotassium.mp.) or (\*Estazolam/ or Estazolam.mp.) or (\*Medazepam/ or Medazepam.mp.) or (\*Midazolam/ or Midazolam.mp.) or (\*Olanzapine/ or Olanzapine.mp.) or (\*Triazolam/ or Triazolam.mp.) 101972
- 4 1 or 2 or 3 483942
- 5 \*Accidental Falls/ or Accidental Falls.mp. or (\*Accidents, Home/ or Accidents, Home.mp.) or (\*Accidents, Occupational/ or Accidents, Occupational.mp.) or (\*Accidents, Traffic/ or Accidents, Traffic.mp.) 89204
- 6 fractur\*.hw. 211781
- 7 exp Fractures, Bone/ or Fracture\*.tw,kw,sh. 324172
- 8 5 or 6 or 7 403779
- 9 4 and 83704
- 10 \*Adult/ or Adult.mp. or (\*Middle Aged/ or Middle Aged.mp.) 7337453
- 11 4 and 8 and 101635
- 12 ("2573741" or "2898976" or "2880292" or "22669469" or "18175030" or "16520889" or "10770463" or "8598503" or "7654115" or "8104109" or "32499386" or "26100105").ui. 12
- 13 12 not 11 4

Query('anxiolytic agent'/exp OR anxiolytic:ti,ab,kw OR tranquiliz\*:ti,ab,kw OR anxiety:ti,ab,kw OR 'hypnotic sedative agent'/exp OR hypnoti\*:ti,ab,kw OR sedat\*:ti,ab,kw OR benzodiazepines OR benzodiazepin\*:ti,ab,kw OR alprazolam OR alprazolam:ti,ab,kw OR benzodiazepinones OR benzodiazepinones:ti,ab,kw OR anthramycin OR anthramycin:ti,ab,kw OR bromazepam OR bromazepam:ti,ab,kw OR clonazepam OR clonazepam:ti,ab,kw OR devazepide OR devazepide:ti,ab,kw OR diazepam OR diazepam:ti,ab,kw OR flumazenil OR flumazenil:ti,ab,kw OR flunitrazepam OR flunitrazepam:ti,ab,kw OR flurazepam OR flurazepam:ti,ab,kw OR lorazepam OR lorazepam:ti,ab,kw OR nitrazepam OR nitrazepam:ti,ab,kw OR oxazepam OR oxazepam:ti,ab,kw OR pirenzepine OR pirenzepine:ti,ab,kw OR prazepam OR prazepam:ti,ab,kw OR temazepam OR temazepam:ti,ab,kw OR chlordiazepoxide OR chlordiazepoxide:ti,ab,kw OR clobazam OR clobazam:ti,ab,kw OR ((clorazepate AND dipotassium OR clorazepate) AND dipotassium:ti,ab,kw) OR estazolam OR estazolam:ti,ab,kw OR medazepam OR medazepam:ti,ab,kw OR midazolam OR midazolam:ti,ab,kw OR olanzapine OR olanzapine:ti,ab,kw OR triazolam OR triazolam:ti,ab,kw) AND ('falling' OR 'home accident' OR 'occupational accident' OR 'traffic accident' OR 'fractur\*':ti,ab,kw OR 'fracture'/exp) AND ('adult' OR 'middle aged')

-	+	#1	MeSH descriptor: [Anti-Anxiety Agents] explode all trees	MeSH	2189
-	+	#2	((anxiolytic or tranquiliz* or anxiety):ti,ab,kw	S	Limits 56572
-	+	#3	MeSH descriptor: [Hypnotics and Sedatives] explode all trees	MeSH	3755
-	+	#4	((Hypnoti* or Sedat*):ti,ab,kw	S	Limits 27182
-	+	#5	#1 or #2 or #3 or #4	Limits	79754
-	+	#6	MeSH descriptor: [Accidental Falls] explode all trees	MeSH	1562
-	+	#7	MeSH descriptor: [Accidents, Home] explode all trees	MeSH	81
-	+	#8	MeSH descriptor: [Accidents, Occupational] explode all trees	MeSH	74
-	+	#9	MeSH descriptor: [Accidents, Traffic] explode all trees	MeSH	426
-	+	#10	MeSH descriptor: [Fractures, Bone] explode all trees	MeSH	6339
-	+	#11	((home or occupational or traffic) AND accident*):ti,ab,kw	S	Limits 3023
-	+	#12	(fracture*):ti,ab,kw	S	Limits 24088
-	+	#13	#6 or #7 or #8 or #9 or #10 or #11 or #12	Limits	27776
-	+	#14	#5 and #13	Limits	923
-	+	#15	MeSH descriptor: [Adult] explode all trees	MeSH	474469
-	+	#16	#14 and #15	Limits	230
-	+	#17	Type a search term or use the S or MeSH buttons to compose	S	MeSH Limits N/A

Highlight orphan lines