

APPENDICES**Appendix I: Search strategy**

Ovid MEDLINE(R) ALL <1946 to May 24, 2022>

1	exp Male/ and exp Aged/	2,684,034
2	exp Aging/ and exp Male/	135,117
3	exp Male/ and exp "Aged, 80 and over"/	850,025
4	exp Geriatrics/ and exp Male/	4,724
5	((older or ag?ing or aged or senior* or elder* or gerontolog* or geriatric* or "old age") adj3 (male* or man or men)).mp.	105,120
6	(men over adj ("60" or "65" or "70" or "75" or "80" or "85" or "90")).mp.	414
7	(male* over adj ("60" or "65" or "70" or "75" or "80" or "85" or "90")).mp.	148
8	or/1-7	2,807,887
9	exp Urinary Incontinence/	35,150
10	((urin* or bladder) adj2 (incontinen* or continen*)).mp.	48,546
11	exp Urinary Bladder, Overactive/	5,510
12	((overactiv* or hyper* or detrusor or vesic*) adj2 bladder).mp.	11,440
13	(bladder* adj2 (neuropath* or neurogen* or neurolog*)).mp.	10,343
14	((bladder or detrusor or vesic*) adj5 (instability or stab* or unstable or irritab* or hyperreflexia or dys?ynerg* or dyskinesi* or irritat*)).mp.	6,390
15	(nervous adj1 (pollakisur* or pollakiur*)).mp.	5
16	or/9-15	67,490
17	exp Risk Factors/	926,730
18	risk*.ti. or risk factor*.ab. /freq=3	613,850
19	(predict* or cause*).ti. or ((modifiable or behavio?r* or contribut* or transient* or adjust* or temporar* or chang* or adapt* or alter*) adj3 (factor* or predict* or cause*)).mp.	1,005,389
20	relative risk*.mp.	86,221
21	or/17-20	2,172,971
22	8 and 16 and 21	1,662

Appendix II: Data extraction form

Study details	
Author/Year	
Objectives	
Participants (characteristics/total number	
Setting/context	
Phenomena of interest	
Search details	
Sources searched	
Range (yrs) of included studies	
Number of studies included	
Types of studies included	
Country of origin of included studies	
Analysis	
Method of analysis	
Results/Findings	
Significance/ Direction	
Heterogeneity	
Comments	