

Supplementary file 3. SEARCH STRATEGY for clinical practice guidelines on the primary prevention of cardiovascular disease in primary care

Table 1: Search strategy in Medline via PubMed

#	Searches
1	((cardiovascular diseases[MeSH Terms]) OR (cardiovascular[Title/Abstract])) OR (CVD[Title/Abstract]) OR (cardiac[Title/Abstract])
2	((((((((((((((abdominal aortic aneurysm[MeSH Terms]) OR (aortic aneurysm[MeSH Terms])) OR (arterial occlusive disease[MeSH Terms])) OR (arteriosclerosis[MeSH Terms])) OR (atheroscleroses[MeSH Terms])) OR (brain infarction[MeSH Terms])) OR (brain ischemia[MeSH Terms])) OR (cerebrovascular disorder[MeSH Terms])) OR (coronary disease[MeSH Terms])) OR (coronary heart disease[MeSH Terms])) OR (heart failure[MeSH Terms])) OR (myocardial ischemia[MeSH Terms])) OR (peripheral vascular disease[MeSH Terms])) OR (cerebral stroke[MeSH Terms])) OR (aneurysm, thoracoabdominal aortic[MeSH Terms])) OR (metabolic syndrome x[MeSH Terms])) OR (((((((((((((((aneurysm[Title/Abstract]) OR ("arterial occlusion"[Title/Abstract])) OR ("arterial stenosis"[Title/Abstract])) OR (Arteriosclerosis[Title/Abstract])) OR (atherosclerosis[Title/Abstract])) OR ("Brain infarction"[Title/Abstract])) OR ("Brain Ischemia"[Title/Abstract])) OR ("cerebrovascular disease"[Title/Abstract])) OR ("cerebrovascular disorder"[Title/Abstract])) OR ("coronary disease"[Title/Abstract])) OR ("coronary heart disease"[Title/Abstract])) OR ("heart attack"[Title/Abstract])) OR ("heart failure"[Title/Abstract])) OR ("myocardial ischemia"[Title/Abstract])) OR ("Occlusive peripheral arterial disease"[Title/Abstract])) OR ("peripheral vascular disease"[Title/Abstract])) OR (Stroke[Title/Abstract])) OR ("thoracoabdominal aneurysm"[Title/Abstract])) OR ("metabolic syndrome"[Title/Abstract]) OR (ischaemi*[Title/Abstract]) OR (cerebral[Title/Abstract]))
3	((diabetes mellitus[MeSH Terms]) OR (type 2 diabetes mellitus[MeSH Terms]) OR (diabetes[Title/Abstract])) OR (diabetic[Title/Abstract]) OR (diabetics[Title/Abstract])
4	((dyslipidemia[MeSH Terms]) OR (dyslipidemias[MeSH Terms]) OR (hyperlipidemia[MeSH Terms]) OR (dyslipidemia[Title/Abstract]) OR (hyperlipidemia[Title/Abstract])) OR (cholesterol[Title/Abstract]) OR (hypercholesterolemia[Title/Abstract])
5	(((((hypertension[MeSH Terms]) OR (high blood pressure[MeSH Terms]) OR (hypertensi*[Title/Abstract]) OR ("high blood pressure"[Title/Abstract])) OR ("anti hypertensive"[Title/Abstract])) OR (antihypertensive[Title/Abstract])) OR ("anti-hypertensive"[Title/Abstract])
6	(((((body weight[MeSH Terms]) OR (overweight[MeSH Terms])) OR (weight[Title/Abstract])) OR (overweight[Title/Abstract])) OR (obes*[Title/Abstract]))
7	(((((diets[MeSH Terms]) OR (saturated fatty acids[MeSH Terms])) OR (diet[Title/Abstract])) OR ("dietary pattern"[Title/Abstract])) OR ("saturated fat"[Title/Abstract])) OR (salt[Title/Abstract]) OR (alcohol[Title/Abstract]) OR (sodium[Title/Abstract])
8	(((((activity, physical[MeSH Terms]) OR (physical activities[MeSH Terms])) OR (exercise[MeSH Terms])) OR (exercise[Title/Abstract])) OR (activity[Title/Abstract]) OR (inactivity[Title/Abstract]) OR (sedentary[Title/Abstract])

9	((cessation, smoking[MeSH Terms]) OR (cigarette smoking[MeSH Terms])) OR (tobacco[Title/Abstract]) OR (smok*[Title/Abstract]))
10	1 OR 2 OR 3 OR 4 OR 5 OR 6 OR 7 OR 8 OR 9
11	((primary prevention[MeSH Terms]) OR (prevent*[Title/Abstract]) OR (risk assessment[MeSH Terms]) OR (assessment[Title/Abstract]) OR (risk management[MeSH Terms]) OR ("risk management"[Title/Abstract]) OR ("early intervention"[Title/Abstract]) OR ("health screening"[Title/Abstract]) OR ("periodic check-up"[Title/Abstract]) OR ("periodic evaluation" [Title/Abstract]) OR ("periodic examination"[Title/Abstract]) OR ("risk intervention"[Title/Abstract]) OR ("risk reduction"[Title/Abstract]) OR ("risk communication"[Title/Abstract]) OR (counsel*[Title/Abstract]) OR ("decision making"[Title/Abstract]) OR (screening[Title/Abstract])) OR (decision making[MeSH Terms])) OR (counseling[MeSH Terms]))
12	10 AND 11
13	(Guideline[Title/Abstract]) OR (clinical practice guideline[MeSH]) OR (clinical practice guideline[Publication Type])
14	12 AND 13
15	2016-2023 AbstractsGuideline English, German, Dutch, Spanish

Table 2: Search strategy in TRIP database

#	Searches	Search Field / Search Term
1	cardiovascular CVDcardiac	ANY of these words
2	diabetes diabeticdiabetics	ANY of these words
3	dyslipidemia hyperlipidemia cholesterol hypercholesterolemia	ANY of these words
4	high blood pressure	THIS exact phrase
5	hypertensionhypertensive	ANY of these words
6	aneurysm arteriosclerosis atherosclerosis cerebrovascular cerebral coronary infarction ischemia ischaemia ischaemic myocardial occlusionocclusive stenosis stroke	ANY of these words
7	peripheral arterialdisease	THIS exact phrase

8	peripheral arterydisease	THIS exact phrase
9	heart attack	THIS exact phrase
10	heart failure	THIS exact phrase
11	metabolic syndrome	THIS exact phrase
12	smoke smoking cigarette tobacco	ANY of these words
13	smoke cessation	THIS exact phrase
14	diet dietary saltsodium alcohol	ANY of these words
15	saturated fat	THIS exact phrase
16	activity physical exercise inactivity sedentary	ANY of these words
17	overweight obeseobesity	ANY of these words
18	#1 OR #2 OR #3 OR #4 OR #5 OR #6 OR #7 OR #8 OR #9 OR #10 OR #11 OR #12 OR #13 OR #14 OR #15 OR #16 OR #17	(overweight OR obese OR obesity) OR (activity OR physical OR exercise OR inactivity OR sedentary) OR ("saturated fat")OR (diet OR dietary OR salt OR sodium OR alcohol) OR ("smoke cessation") OR (smoke OR smoking OR cigarette OR tobacco) OR ("metabolic syndrome") OR ("heart failure") OR ("heart attack") OR ("peripheral artery disease") OR ("peripheral arterial disease") OR (aneurysm OR arteriosclerosis OR atherosclerosis OR cerebrovascular OR cerebral OR coronary OR infarction OR ischemia OR ischaemia OR ischaemic OR myocardial OR occlusion OR occlusive OR stenosis OR stroke) OR (hypertension OR hypertensive) OR ("high blood pressure") OR(dyslipidemia OR hyperlipidemia OR cholesterol OR hypercholesterolemia) OR (diabetes OR diabetic OR diabetics) OR (cardiovascular OR cvd OR cardiac)
19	prevention preventrisk screening counseling counselling	ANY of these words
20	periodic assessment	THIS exact phrase
21	periodic evaluation	THIS exact phrase
22	risk assessment	THIS exact phrase
23	risk communication	THIS exact phrase

24	#19 OR #20 OR #21 OR #22 OR #23	3.447.353	("risk communication") OR ("risk assessment") OR ("periodic evaluation") OR ("periodic assessment") OR (prevention OR prevent OR risk OR screening OR counseling OR counselling)
25	Title:guideline	24.128	ALL of these words - Title
26	#18 AND #24 AND #25	6.339	((overweight OR obese OR obesity) OR (activity OR physical OR exercise OR inactivity OR sedentary) OR ("saturated fat") OR (diet OR dietary OR salt OR sodium OR alcohol) OR ("smoke cessation") OR (smoke OR smoking OR cigarette OR tobacco) OR ("metabolic syndrome") OR ("heart failure") OR ("heart attack") OR ("peripheral artery disease") OR ("peripheral arterial disease") OR (aneurysm OR arteriosclerosis OR atherosclerosis OR cerebrovascular OR cerebral OR coronary OR infarction OR ischemia OR ischaemia OR ischaemic OR myocardial OR occlusion OR occlusive OR stenosis OR stroke) OR (hypertension OR hypertensive) OR ("high blood pressure") OR (dyslipidemia OR hyperlipidemia OR cholesterol OR hypercholesterolemia) OR (diabetes OR diabetic OR diabetics) OR (cardiovascular OR cvd OR cardiac)) AND (title:guideline) AND (("risk communication") OR ("risk assessment") OR ("periodic evaluation") OR ("periodic assessment") OR (prevention OR prevent OR risk OR screening OR counseling OR counselling))
27	Guidelines since 2016	1.360	Filter