

Supplementary Information

PubMed Session Results (28 Nov 2017)

[Mesh] = Medical subject headings

[Mesh:NoExp] = Medical subject headings without explosion

[Majr] = Medical subject headings as main topic

[tiab] = words in title or abstract or author keywords

[ti] = words in title

#	Query	Results
#9	#8 NOT ("Animals"[Mesh] NOT "Humans"[Mesh])	857
#8	#6 OR #7	936
#7	#3 AND #5	731
#6	#3 AND #4	422
#5	"Cardiovascular Diseases"[Mesh] OR "Cholesterol"[Mesh] OR cardiovascular disease*[tiab] OR cvd[tiab] OR coronary disease*[tiab] OR heart disease*[tiab] OR atherosclerosis[tiab] OR arteriosclerosis[tiab] OR hypertension[tiab] OR blood pressure[tiab] OR cholesterol*[tiab] OR stroke*[tiab] OR peripheral vascular disease*[tiab] OR peripheral arterial disease*[tiab] OR hypercholesterol*[tiab] OR hyperlipid*[tiab] OR hyper-lipid*[tiab] OR "Overweight"[Mesh] OR obese*[tiab] OR overweight*[tiab] OR obesit*[tiab] OR "Body Mass Index"[Mesh] OR "body mass index"[tiab] OR bmi[tiab] OR "Metabolic Diseases"[Mesh:noexp] OR "Glucose Metabolism Disorders"[Mesh] OR "Dyslipidemias"[Mesh] OR dyslipidemia*[tiab] OR dys-lipidemia*[tiab] OR dyslipidaemia*[tiab] OR dys-lipidaemia*[tiab] OR insulin resistanc*[tiab] OR insuline resistanc*[tiab] OR Hyperglycemia*[tiab] OR Hyper-glycemia*[tiab] OR Hyperglycaemia*[tiab] OR Hyper-glycaemia*[tiab] OR cardiovascular event*[tiab] OR cardiovascular risk*[tiab] OR cardio-vascular event*[tiab] OR cardio-vascular risk*[tiab]	3,274,667
#4	"Uric Acid"[Majr] OR uric acid[ti]	12,159
#3	#1 AND #2	1,393
#2	"Nutrition Therapy"[Mesh] OR "Diet"[Mesh] OR diet[tiab] OR diets[tiab] OR dietary[tiab] OR dietet*[tiab] OR nutrition*[tiab]	718,715

#1	"Gout"[Mesh] OR gout[tiab] OR gouty[tiab] OR "Hyperuricemia"[Mesh] OR hyperuricem*[tiab] OR hyper-uricem*[tiab] OR hyperuricaem*[tiab] OR hyper-uricaem*[tiab]	19,640
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Embase.com Session Results (28 Nov 2017)

/exp = EMtree keyword with explosion

/de = EMtree keyword without explosion

/exp/mj = EMtree keyword with explosion as main topic

:ab,ti,kw = words in title or abstract or author keywords

:ti = words in title

/lim = Limit

#	Query	Results
#11	#10 AND [embase]/lim	1,444
#10	#9 NOT ([conference abstract]/lim OR [conference paper]/lim OR [conference review]/lim OR [editorial]/lim)	1,702
#9	#8 NOT ([animals]/lim NOT [humans]/lim)	2,187
#8	#6 OR #7	2,335
#7	#3 AND #5	2,102
#6	#3 AND #4	587
#5	'cardiovascular disease'/exp OR 'cholesterol'/exp OR 'cardiovascular disease*':ab,ti,kw OR cvd:ab,ti,kw OR 'coronary disease*':ab,ti,kw OR 'heart disease*':ab,ti,kw OR atherosclerosis:ab,ti,kw OR arteriosclerosis:ab,ti,kw OR hypertension:ab,ti,kw OR 'blood pressure':ab,ti,kw OR cholesterol*:ab,ti,kw OR stroke*:ab,ti,kw OR 'peripheral vascular disease*':ab,ti,kw OR 'peripheral arterial disease*':ab,ti,kw OR hypercholesterol*:ab,ti,kw OR hyperlipid*:ab,ti,kw OR 'hyper-lipid*':ab,ti,kw OR 'obesity'/exp OR obese*:ab,ti,kw OR overweight*:ab,ti,kw OR obesit*:ab,ti,kw OR 'body mass'/exp OR 'body mass index':ab,ti,kw OR bmi:ab,ti,kw OR 'metabolic disorder'/de OR 'disorders of carbohydrate metabolism'/exp OR 'dyslipidemia'/exp OR 'hyperlipidemia'/exp OR dyslipidemia*:ab,ti,kw OR 'dyslipidemia*':ab,ti,kw OR dyslipidaemia*:ab,ti,kw OR 'dys-lipidaemia*':ab,ti,kw OR 'insulin resistanc*:ab,ti,kw OR 'insuline resistanc*:ab,ti,kw OR Hyperglycemia*:ab,ti,kw OR 'Hyper-glycemia*':ab,ti,kw OR Hyperglycaemia*:ab,ti,kw OR 'Hyper-glycaemia*':ab,ti,kw OR 'cardiovascular	5,219,831

	event*:ab,ti,kw OR 'cardiovascular risk*:ab,ti,kw OR 'cardio-vascular event*:ab,ti,kw OR 'cardio-vascular risk*:ab,ti,kw	
#4	'uric acid'/exp/mj OR 'uric acid':ti	14,117
#3	#1 AND #2	3,112
#2	'diet therapy'/exp OR 'diet'/exp OR diet:ab,ti,kw OR diets:ab,ti,kw OR dietary:ab,ti,kw OR dietet*:ab,ti,kw OR nutrition*:ab,ti,kw	994,946
#1	'gout'/exp OR gout:ab,ti,kw OR gouty:ab,ti,kw OR 'hyperuricemia'/exp OR hyperuricem*:ab,ti,kw OR 'hyper-uricem*:ab,ti,kw OR hyperuricaem*:ab,ti,kw OR 'hyper-uricaem*:ab,ti,kw	34,083

Ebsco / CINAHL Session Results (28 Nov 2017)

MH = descriptors, thesaurus terms
MM = Subject headings as main topic
TI = words in title
AB = words in abstract

#	Query	Results
S9	S8 NOT (MH "Animals" NOT MH "Human")	113
S8	S6 OR S7	116
S7	S3 AND S5	99
S6	S3 AND S4	39
S5	(MH "Cardiovascular Diseases+") OR (MH "Cholesterol+") OR TI ("cardiovascular disease*" OR cvd OR "coronary disease*" OR "heart disease*" OR atherosclerosis OR arteriosclerosis OR hypertension OR "blood pressure" OR cholesterol* OR stroke* OR "peripheral vascular disease*" OR "peripheral arterial disease*" OR hypercholesterol* OR hyperlipid* OR "hyper-lipid*") OR AB ("cardiovascular disease*" OR cvd OR "coronary disease*" OR "heart disease*" OR atherosclerosis OR arteriosclerosis OR hypertension OR "blood pressure" OR cholesterol* OR stroke* OR "peripheral vascular disease*" OR "peripheral arterial disease*" OR hypercholesterol* OR hyperlipid* OR "hyper-lipid*") OR (MH "Obesity+") OR TI (obese* OR overweight* OR obesit*) OR AB (obese* OR overweight* OR obesit*) OR (MH "Body Mass Index") OR TI ("body mass index" OR bmi) OR AB ("body mass index" OR bmi) OR (MH "Metabolic	476,303

	Diseases") OR (MH "Glucose Metabolism Disorders+") OR (MH "Hyperlipidemia+") OR TI (dyslipidemia* OR "dys-lipidemia*" OR dyslipidaemia* OR "dys-lipidaemia*" OR "insulin resistanc*" OR "insuline resistanc*" OR Hyperglycemia* OR "Hyper-glycemia*" OR Hyperglycaemia* OR "Hyper-glycaemia*" OR "cardiovascular event*" OR "cardiovascular risk*" OR "cardio-vascular event*" OR "cardio-vascular risk*") OR AB (dyslipidemia* OR "dys-lipidemia*" OR dyslipidaemia* OR "dys-lipidaemia*" OR "insulin resistanc*" OR "insuline resistanc*" OR Hyperglycemia* OR "Hyper-glycemia*" OR Hyperglycaemia* OR "Hyper-glycaemia*" OR "cardiovascular event*" OR "cardiovascular risk*" OR "cardio-vascular event*" OR "cardio-vascular risk*")	
S4	(MM "Uric Acid") OR TI ("uric acid")	640
S3	S1 AND S2	208
S2	(MH "Diet Therapy+") OR (MH "Diet+") OR TI (diet OR diets OR dietary OR dietet* OR nutrition*) OR AB (diet OR diets OR dietary OR dietet* OR nutrition*)	128,159
S1	(MH "Gout") OR TI (gout OR gouty) OR AB (gout OR gouty) OR (MH "Hyperuricemia") OR TI (hyperuricem* OR "hyper-uricem*" OR hyperuricaem* OR "hyper-uricaem*") OR AB (hyperuricem* OR "hyper-uricem*" OR hyperuricaem* OR "hyper-uricaem*")	2,305

Wiley / Cochrane Library Session Results (28 Nov 2017)

:ab,ti,kw = words in title or abstract or author keywords

#	Query	Results
#8	#6 OR #7	103
#7	#3 AND #5	79
#6	#3 AND #4	70
#5	("cardiovascular disease*" or cvd or "coronary disease*" or "heart disease*" or atherosclerosis or arteriosclerosis or hypertension or "blood pressure" or cholesterol* or stroke* or "peripheral vascular disease*" or "peripheral arterial disease*" or hypercholesterol* or hyperlipid* or "hyper-lipid*" or obese* or overweight* or obesit* or "body mass index" or bmi or dyslipidemia* or "dys-lipidemia*" or dyslipidaemia* or "dys-lipidaemia*" or "insulin resistanc*" or "insuline resistanc*" or Hyperglycemia* or "Hyper-glycemia*" or	194,760

	Hyperglycaemia* or "Hyper-glycaemia*" or "cardiovascular event*" or "cardiovascular risk*" or "cardio-vascular event*" or "cardio-vascular risk*"):ab,ti,kw	
#4	"uric acid":ab,ti,kw	2,765
#3	#1 AND #2	114
#2	(diet or diets or dietary or dietet* or nutrition*):ab,ti,kw	69,217
#1	(gout or gouty or hyperuricem* or "hyper-uricem*" or hyperuricaem* or "hyper-uricaem*"):ab,ti,kw	1,338

The search was updated by one of the authors (DV) on march 1th 2019. Same strategy was used as the search in November 2018.

PUBMED session result (01-03-2019)

History

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Search	Add to builder	Query	Items found	Time
#11	Add	Search #8 NOT ("Animals"[Mesh] NOT "Humans"[Mesh]) Sort by: Best Match Filters: Publication date from 2017/11/28 to 2019/02/14	77	02:25:19
#10	Add	Search #8 NOT ("Animals"[Mesh] NOT "Humans"[Mesh]) Sort by: Best Match Filters: Publication date from 2017/01/01 to 2019/02/14	127	02:23:03
#9	Add	Search #8 NOT ("Animals"[Mesh] NOT "Humans"[Mesh]) Sort by: Best Match	935	02:22:15
#8	Add	Search #6 OR #7 Sort by: Best Match	1019	02:21:45
#7	Add	Search #3 AND #5 Sort by: Best Match	798	02:21:26
#5	Add	Search "Cardiovascular Diseases"[Mesh] OR "Cholesterol"[Mesh] OR cardiovascular disease*[tiab] OR cvd[tiab] OR coronary disease*[tiab] OR heart disease*[tiab] OR atherosclerosis[tiab] OR arteriosclerosis[tiab] OR hypertension[tiab] OR blood pressure[tiab] OR cholesterol*[tiab] OR stroke*[tiab] OR peripheral vascular disease*[tiab] OR peripheral arterial disease*[tiab] OR hypercholesterol*[tiab] OR hyperlipid*[tiab] OR hyper-lipid*[tiab] OR "Overweight"[Mesh] OR obese*[tiab] OR overweight*[tiab] OR obesit*[tiab] OR "Body Mass Index"[Mesh] OR "body mass index"[tiab] OR bmi [tiab] OR "Metabolic Diseases"[Mesh:noexp] OR "Glucose Metabolism Disorders"[Mesh] OR "Dyslipidemias"[Mesh] OR dyslipidemia*[tiab] OR dys-lipidemia*[tiab] OR dyslipidaemia*[tiab] OR dys-lipidaemia*[tiab] OR insulin resistanc*[tiab] OR insuline resistanc*[tiab] OR Hyperglycemia*[tiab] OR Hyper-glycemia*[tiab] OR Hyperglycaemia*[tiab] OR Hyper-glycaemia*[tiab] OR cardiovascular event*[tiab] OR cardiovascular risk*[tiab] OR cardio-vascular event*[tiab] OR cardio-vascular risk*[tiab] Sort by: Best Match	3465083	02:21:22
#6	Add	Search #3 AND #4 Sort by: Best Match	450	02:21:09
#4	Add	Search "Uric Acid"[Majr] OR uric acid[ti] Sort by: Best Match	12856	02:21:08
#3	Add	Search #1 AND #2 Sort by: Best Match	1518	02:20:30
#2	Add	Search "Nutrition Therapy"[Mesh] OR "Diet"[Mesh] OR diet[tiab] OR diets[tiab] OR dietary[tiab] OR dietet*[tiab] OR nutrition*[tiab] Sort by: Best Match	770670	02:20:29
#1	Add	Search "Gout"[Mesh] OR gout[tiab] OR gouty[tiab] OR "Hyperuricemia"[Mesh] OR hyperuricem*[tiab] OR hyper-uricem*[tiab] OR hyperuricaem*[tiab] OR hyper-uricaem*[tiab] Sort by: Best Match	21205	02:20:28

Cochrane library session result (01-03-2019)

−	+	#1	(gout or gouty or <u>hyperuricem</u> * or "hyper-uricem"" or <u>hyperuricaem</u> * or "hyper-uricaem"") <u>ab,ti,kw</u>	Limits	1642
−	+	#2	(diet or diets or dietary or <u>dietet</u> * or nutrition*) <u>ab,ti,kw</u>	Limits	80279
−	+	#3	#1 AND #2	Limits	156
−	+	#4	"uric acid" <u>ab,ti,kw</u>	Limits	3032
−	+	#5	("cardiovascular disease"" or <u>cvd</u> or "coronary disease"" or "heart disease"" or atherosclerosis or arteriosclerosis or hypertension or "blood pressure" or cholesterol* or stroke* or "peripheral vascular disease"" or "peripheral arterial disease"" or <u>hypercholesterol</u> * or <u>hyperlipid</u> * or "hyper-lipid"" or obese* or overweight* or <u>obesit</u> * or "body mass index" or <u>bmi</u> or dyslipidemia* or " <u>dys-lipidemia</u> " or <u>dyslipidaemia</u> * or " <u>dys-lipidaemia</u> " or "insulin <u>resistan</u> "* or " <u>insuline resistan</u> "* or Hyperglycemia* or " <u>Hyper-glycemia</u> " or <u>Hyperglycaemia</u> * or "Hyper-glycaemia"" or "cardiovascular event"" or "cardiovascular risk"" or "cardio-vascular event"" or "cardio-vascular risk"") <u>ab,ti,kw</u>	Limits	212670
−	+	#6	#3 AND #4	Limits	96
−	+	#7	#3 AND #5	Limits	100
−	+	#8	#6 OR #7	Limits	136
−	+	#9	Type a search term or use the S or MeSH buttons to compose	S ▼ MeSH ▼ Limits	N/A

✕ Clear all

☐ Highlight orphan lines