

Supplementary Data 1. Search Strategy

The detailed search strategy in PubMed

Search No.	Search query
#1	"Metabolic Syndrome"[Mesh]
#2	("Metabolic Syndrome*"[TW])
#3	#1 OR #2
#4	"Cohort Stud*"[Mesh]
#5	"Cohort Stud*"[TW]
#6	"Case-Control Stud*"[Mesh]
#7	"Case-Control Stud*"[TW]
#8	#4 OR #5 OR #6 OR #7
#9	#3 AND #8
#10	"follow-up"[TW]
#11	"Follow-Up Stud*"[Mesh]
#12	#10 OR #11
#13	#9 AND #12

EMBASE

Search No.	Search query
#1	'metabolic syndrome*'
#2	'cohort analysis'/exp
#3	'Cohort Stud*'
#4	'case-control stud*'
#5	#2 OR #3 OR #4
#6	'follow up'/exp
#7	'follow-up stud*'
#8	#6 OR #7
#9	#1 AND #5 AND #8

Cochrane Library

No.	Search query
#1	'Metabolic Syndrome*'
#2	'[mh "Cohort Studies"]
#3	Cohort Stud*
#4	[mh "Case-Control Studies"]
#5	Case-Control Stud*
#6	#2 OR #3 OR #4 OR #5
#7	follow-up*
#8	#1 AND #6 AND #7

CINAHL (EBSCO host)

No.	Search query
S1	TI("Metabolic Syndrome*") OR AB("Metabolic Syndrome*") OR SU("Metabolic Syndrome*")
S2	(MH "Prospective Studies")

S3 TI("Cohort Stud*" OR "Follow Up Stud*" OR "Longitudinal Stud*" OR
"Prospective Research*" OR "Prospective Stud*") OR AB("Cohort Stud*" OR
"Follow Up Stud*" OR "Longitudinal Stud*" OR "Prospective Research*" OR
"Prospective Stud*") OR SU("Cohort Stud*" OR "Follow Up Stud*" OR
"Longitudinal Stud*" OR "Prospective Research*" OR "Prospective Stud*")
S4 (MH "Case Control Studies")
S5 TI("Case Control*" OR "Case Controlled Stud*") OR AB("Case Control*" OR
"Case Controlled Stud*") OR SU("Case Control*" OR "Case Controlled Stud*")
S6 S2 OR S3 OR S4 OR S5
S7 TI("Follow-Up*") OR AB("Follow-Up*") OR SU("Follow-Up*")
S8 S1 AND S6 AND S7
