

SUPPLEMENTARY 1 Search strategy.

Date of search	Database	Keywords	Number of hits	Number of included articles
12.03.18	PubMed	((("magnetic resonance imaging"[MeSH Terms] OR ("magnetic"[All Fields] AND "resonance"[All Fields] AND "imaging"[All Fields]) OR "magnetic resonance imaging"[All Fields]) AND silent[All Fields] AND ("infarction"[MeSH Terms] OR "infarction"[All Fields] OR "infarct"[All Fields])) AND (asymptomatic[All Fields] AND ("carotid stenosis"[MeSH Terms] OR ("carotid"[All Fields] AND "stenosis"[All Fields]) OR "carotid stenosis"[All Fields])) AND ("2000/01/01"[PDAT] : "2018/12/31"[PDAT]))	17	8
12.03.18	MeSH database (PubMed)	((asymptomatic carotid stenosis AND ("2000/01/01"[PDat] : "2018/12/31"[PDat]))) AND (((("Cerebral Infarction/diagnostic imaging"[Mesh] AND ("2000/01/01"[PDat] : "2018/12/31"[PDat]))) AND Silent infarct AND ("2000/01/01"[PDat] : "2018/12/31"[PDat]))	4	1
15.03.18	Scopus	Asymptomatic carotid stenosis AND silent brain infarct AND risk of stroke (2000-2018)	13	4
16.03.18	PubMed	(asymptomatic[All Fields] AND ("carotid stenosis"[MeSH Terms] OR ("carotid"[All Fields] AND "stenosis"[All Fields]) OR "carotid stenosis"[All Fields])) AND (silent[All Fields] AND ("brain"[MeSH Terms] OR "brain"[All Fields]) AND ("infarction"[MeSH Terms] OR "infarction"[All Fields] OR "infarct"[All Fields])) AND (("risk"[MeSH Terms] OR "risk"[All Fields] OR "risk of"[All Fields]) AND ("stroke"[MeSH Terms] OR "stroke"[All Fields])) AND ((("2000/01/01"[PDAT] : "2018/12/31"[PDAT]) AND "humans"[MeSH Terms])	13	4
26.03.18	PubMed	(best[All Fields] AND ("therapy"[Subheading] OR "therapy"[All Fields] OR "treatment"[All	8	0

		Fields] OR "therapeutics"[MeSH Terms] OR "therapeutics"[All Fields]) AND asymptomatic[All Fields] AND ("carotid stenosis"[MeSH Terms] OR ("carotid"[All Fields] AND "stenosis"[All Fields]) OR "carotid stenosis"[All Fields])) AND ((Review[ptyp] OR Clinical Trial[ptyp]) AND ("2000/01/01"[PDAT] : "2018/12/31"[PDAT]) AND "humans"[MeSH Terms] AND English[lang]) AND (Clinical Trial[ptyp] AND ("2000/01/01"[PDAT] : "2018/12/31"[PDAT]) AND "humans"[MeSH Terms] AND English[lang])		
05.04.18	Scopus	<i>Prevalence AND of AND asymptomatic AND carotid AND stenosis AND with AND silent AND brain AND infarct</i>	4	1
05.04.18	PubMed	("epidemiology"[Subheading] OR "epidemiology"[All Fields] OR "prevalence"[All Fields] OR "prevalence"[MeSH Terms]) AND asymptomatic[All Fields] AND ("carotid stenosis"[MeSH Terms] OR ("carotid"[All Fields] AND "stenosis"[All Fields]) OR "carotid stenosis"[All Fields]) AND silent[All Fields] AND ("brain"[MeSH Terms] OR "brain"[All Fields]) AND ("infarction"[MeSH Terms] OR "infarction"[All Fields] OR "infarct"[All Fields])	13	1
26.04.19	PubMed	(asymptomatic[All Fields] AND carotid[All Fields]) AND ("dementia"[MeSH Terms] OR "dementia"[All Fields]) AND (silent[All Fields] AND ("cerebral infarction"[MeSH Terms] OR "cerebral"[All Fields] AND "infarction"[All Fields]) OR "cerebral infarction"[All Fields] OR ("cerebral"[All Fields] AND "infarct"[All Fields]) OR "cerebral infarct"[All Fields])) AND (("2000/01/01"[PDAT] : "2018/12/31"[PDAT]) AND "humans"[MeSH Terms] AND English[lang])	2	1
26.04.19	Scopus	asymptomatic AND carotid AND stenosis AND silent AND cerebral AND infarction AND cognitive AND function (2000-2018)	4	0
26.04.19	Scopus	asymptomatic AND carotid AND stenosis AND silent AND brain AND infarction AND dementia (2000-2018)	1	0