

Supplement 3. Screening pilot-test form**Stage 1 screening**

1. Does the study include patients with asymptomatic carotid artery stenosis?
YES____ NO____ UNCLEAR____
2. Were the patients treated with medical treatment alone, carotid artery stenting, or carotid endarterectomy?
YES____ NO____ UNCLEAR____
3. Were the patients treated with one of the above treatments compared to each other?
YES____ NO____ UNCLEAR____
4. Is this a relevant study design (randomized controlled trial)?
YES____ NO____ UNCLEAR____

If you answer NO to any of these questions, the citation will be excluded. All other citations will be included in L2 screening.

Stage 2 screening

1. Does the study include patients with significant asymptomatic carotid artery stenosis ($\geq 50\%$)?
YES____ NO____ UNCLEAR____
2. Were the patients treated with medical treatment alone (containing lipid-lowering drugs), carotid artery stenting, or carotid endarterectomy?
YES____ NO____ UNCLEAR____
3. Were the patients treated with one of the above treatments compared to each other?
YES____ NO____ UNCLEAR____

4. Does the study report at least one of our safety outcomes of interest (e.g., short-term death, stroke or myocardial infarction during periprocedural period or within 30 days after any treatment), long-term death, stroke or myocardial infarction rate (mean follow-up ≥ 6 month), TIA rate (short- or long-term), and other major complications)?

YES____ NO____ UNCLEAR____

5. Is this a relevant study design (randomized controlled trial)?

YES____ NO____ UNCLEAR____

If you answer NO to any of these questions, the citation/study will be excluded. All other full-text articles will be included.