| **First author, Year** | **Study Design** | **N** | **Degree of Stenosis** | **Method of Classification** | **Proportion of Arteries Asymptomatic** | **Mean Age** | **% Men** | **Sensitivity** **(95% CI)** | **Specificity** **(95% CI)** | **Quality** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Nowak, 20071;Jogestrand, 20022 |  Prospective  | 134 | ≥70%; PSV=230 cm/s≥80%; PSV=260 cm/s | ECST | NR | 69 y | 66 | 92% (89% to 95%)88% (85% to 91%) | 91% (87% to 95%)86% (83% to 89%) | Poor |
| Jahromi, 20053a | SR/MA | 1,7162,140 | ≥50%; PSV ≥130 cm/s≥70%; PSV ≥200 cm/s  | NASCET | NR | 66 y | 70 | 98% (97% to 100%)90% (84% to 94%)  | 88% (76% to 100%) 94% (88% to 97%)  | Good |
| Nederkoorn, 20034a | SR/MA | NR | 70% to 99% | NASCET | NR | NR | NR | 86% (84% to 89%)  | 87% (84% to 90%) | Fair |
| Blakely, 19955 | SR/MA | 3,989 2,646  | >50%>70%  | NASCET | NR | 62 y | 65 | 91% (85% to 93%)b88% (83% to 91%)b  | 92% (88% to 93%)b91% (87% to 94%)b | Good |
| Hwang, 20036 | Cross-sectional | 171 | ≥70% | NASCETECSTCC | NR | 68 y | 65 | 96%91%92% | 29%70%89% | Poor |
| Wolff, 20077;Wolff, 20078c | SR | NR | 60% to 99% | NR | NR | NR | NR | 94% | 92% | Fair |
| Sabeti, 20049 | Cross-sectional | 1,006 | 70% to 99%; PSV>250 cm/s | NASCET | NR | 70 y | 69 | 97% (95% to 99%) | 66% (63% to 71%) | Fair |

a Used as evidence in the 2007 comparative effectiveness review.

b Values estimated from figure.

c 2007 comparative effectiveness review and associated *Annals* *in Internal Medicine* article.

**Abbreviations:** CC = common carotid; CI = confidence interval; ECST = European Carotid Surgery Trial; KQ = key question; MA = meta-analysis; N = sample size; NASCET = North American Symptomatic Carotid Endarterectomy Trial; NR = not reported; PSV = peak systolic velocity; RCT = randomized, controlled trial; SR = systematic review.