| **Author, Year**  **Study Design**  **Country**  **Setting**  **Duration of Followup**  **Quality** | **Population** | **Sample size** | **Intervention** | **Results** |
| --- | --- | --- | --- | --- |
| Eekhof, 200069  Cluster RCT  The Netherlands  General practice  2 years  Fair | Mean age 81 years  64% female  Race not reported  Baseline visual acuity: Not reported | 1,121 | A. Screening: assessment of difficulty in recognizing a face at 4 m and/or reading normal letters in a newspaper, and/or impaired vision with both by Snellen eye chart or not being able to read normal newspaper letters at 25 cm distance  B. Delayed screening | A vs. B  Proportion with visual disorder in 2nd year: 51% (95% CI 45% to 58%) vs. 47% (95% CI 42% to 52%); p=0.68  Vision problem detected: 49% vs. NR |
| Moore, 199770  Cluster RCT  United States  Community-based office practice  6 months  Fair | Mean age 76 years  62% female  Race: Not reported  Baseline visual acuity: Not reported | 261 | A. Screening: question to assess difficulty performing everyday activities, followed by Snellen eye chart if positive  B. Usual care | A vs. B  Improvement in vision at 6 months: 20% (20/99) vs. 24% (31/131); RR 0.85 (95% CI 0.52 to 1.40)  Vision problem detected: 20% vs. 19% |
| Smeeth, 200371  Cluster RCT  United Kingdom  General practice  3-5 years  Good | Mean age 80 years  62% female  Race not reported  Reported difficulty seeing newsprint: 8% vs. 10% | 3,346 | A. Universal screening: detailed health assessment by a trained nurse, including Glasgow eye chart and pinhole testing if visual acuity less than 6/18 in either eye  B. Targeted screening: brief health assessment | A vs. B  Visual acuity less than 6/18 (20/60): RR 1.07 (95% CI 0.84 to 1.36)  NEI-VFQ mean composite score (scale 0 to 100; higher score = better quality of life): 86.0 vs. 85.6; mean difference 0.4 (95% CI -1.7 to 2.5)  Found to have visual acuity <6/18 in either eye: 27% (451/1662) vs. 3.1% (53/1684) |

**Abbreviations:** CI = confidence interval; NEI-VFQ = National Eye Institute Vision Function Questionnaire; NR = not reported; RCT = randomized controlled trial.