Table C-19. Risk-of-bias assessment for visual function outcomes in RPS studies

Study and Risk-of-Bias Item	Arevalo et al. 2015[13,14] Argus II	Ho et al. 2015 and other authors[15-26] Argus II	Seider and Hahn 2015[27] Argus II	Stingl et al. 2015, 2013[28,29] Alpha IMS	Ayton et al. 2014[30] Bionic Vision	Rizzo et al. 2014[31] Argus II	Fujikado et al. 2011[32] STS	Klauke et al. 2011 and other authors[33-37] EPIRET3	Zrenner et al. 2011[38] Alpha IMS
Does the design or analysis control or account for important confounding and modifying variables through matching, stratification, multivariable analysis, or other approaches?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Did researchers rule out any impact from a concurrent intervention or an unintended exposure that might bias results?	NR	No	NR	No	NR	No	NR	No	No
Did the study maintain fidelity to the intervention protocol?	NR	No	NR	No	No	Yes	Yes	Yes	No
If attrition (overall or differential nonresponse, dropout, loss to followup, or exclusion of participants) was a concern, were missing data handled appropriately (e.g., intention-to-treat analysis and imputation)?	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

Table C-19. Risk-of-bias assessment for visual function outcomes in RPS studies (continued)

Study and Risk-of-Bias Item	Arevalo et al. 2015[13,14] Argus II	Ho et al. 2015 and other authors[15-26] Argus II	Seider and Hahn 2015[27] Argus II	Stingl et al. 2015, 2013[28,29] Alpha IMS	Ayton et al. 2014[30] Bionic Vision	Rizzo et al. 2014[31] Argus II	Fujikado et al. 2011[32] STS	Klauke et al. 2011 and other authors[33-37] EPIRET3	Zrenner et al. 2011[38] Alpha IMS
Were the outcome assessors blinded to the intervention or exposure status of participants?	NR	No	No	No	NR	NR	NR	NR	Yes
Were the outcomes assessed/defined using valid and reliable measures and implemented consistently across all study participants?	Yes	Yes	Yes	Yes	NR	Yes	NR	NR	NR
Were the potential outcomes prespecified by the researchers? Are all prespecified outcomes reported?	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes
Rating	High	High	High	High	High	Moderate	Moderate	Moderate	Moderate