Appendix 1. Reliability assessments for 47 systematic reviews of age-related macular degeneration

Study ID	Publication Source (Language)	Types of interventions evaluated	Number of included studies	Direction of main finding	Defined criteria for selection of studies	Comprehensive searches for eligible studies	Assessment of risk of bias in included studies	Appropriate statistical methods for meta-analysis	Concordance between results and conclusions
Reviews classified as reliable based on five criteria (n = 33)									
Cheng 2012	Journal (English)	Anti-VEGFs	6	Effective	Yes	Yes	Yes	Yes	Yes
Chong 2007	Journal (English)	Dietary supplements	12	Inconclusive	Yes	Yes	Yes	Yes	Yes
Colquitt 2008	Agency (English)	Anti-VEGFs	6	Effective	Yes	Yes	Yes	Not applicable	Yes
Eandi 2008	Cochrane (English)	Submacular surgery	1	Inconclusive	Yes	Yes	Yes	Not applicable	Yes
Evans 2008	Journal (English)	Dietary supplements	10	Inconclusive	Yes	Yes	Yes	Yes	Yes
Evans 2013	Cochrane (English)	Dietary supplements	2	Inconclusive	Yes	Yes	Yes	Not applicable	Yes
Evans 2012	Cochrane (English)	Dietary supplements	4	Ineffective	Yes	Yes	Yes	Yes	Yes
Evans 2010	Cochrane (English)	Other	14	Inconclusive	Yes	Yes	Yes	Yes	Yes
Evans 2012	Cochrane (English)	Dietary supplements	13	Effective	Yes	Yes	Yes	Yes	Yes
Gehlbach 2012	Cochrane (English)	Statins	2	Inconclusive	Yes	Yes	Yes	Not applicable	Yes
Geltzer 2013	Cochrane (English)	Other	3	Ineffective	Yes	Yes	Yes	Not applicable	Yes
Giansanti 2009	Cochrane (English)	Submacular surgery	3	Ineffective	Yes	Yes	Yes	Yes	Yes
Hodge 2007	Journal (English)	Dietary supplements	2	Inconclusive	Yes	Yes	Yes	Not applicable	Yes
Husereau 2002	Agency (English)	Photodynamic therapy	3	Effective	Yes	Yes	Yes	Not applicable	Yes
Jiang 2014	Journal (English)	Anti-VEGFs	8	Effective	Yes	Yes	Yes	Yes	Yes
Lawrenson 2012	Cochrane (English)	Dietary supplements	0	Inconclusive	Yes	Yes	Not applicable	Not applicable	Yes
Lee 2008	Journal (English)	Health or rehabilitation	not reported	Effective	Yes	Yes	Yes	Not applicable	Yes
Meads 2004	Journal (English)	Photodynamic therapy	2	Inconclusive	Yes	Yes	Yes	Yes	Yes
Meads 2003	Agency (English)	Photodynamic therapy	2	Inconclusive	Yes	Yes	Yes	Yes	Yes
Oliva 2002	Agency (Spanish)	Photodynamic therapy	2	Effective	Yes	Yes	Yes	Not applicable	Yes
Parodi 2009	Cochrane (English)	Laser photocoagulation	9	Inconclusive	Yes	Yes	Yes	Yes	Yes
Reddy 2006	Cochrane (English)	Other	1	Ineffective	Yes	Yes	Yes	Not applicable	Yes
Schmucker 2012	Journal (English)	Anti-VEGFs	11	Ineffective	Yes	Yes	Yes	Yes	Yes
Schmucker 2010	Journal (English)	Anti-VEGFs	33	Ineffective	Yes	Yes	Yes	Not applicable	Yes
Schmucker 2011	Journal (English)	Anti-VEGFs	25	Inconclusive	Yes	Yes	Yes	Yes	Yes
Schouten 2009	Journal (English)	Anti-VEGFs	26	Effective	Yes	Yes	Yes	Not applicable	Yes
Takeda 2007	Journal (English)	Anti-VEGFs	5	Effective	Yes	Yes	Yes	Not applicable	Yes
Vedula 2008	Cochrane (English)	Anti-VEGFs	5	Effective	Yes	Yes	Yes	Yes	Yes
Virgili 2007	Cochrane (English)	Laser photocoagulation	15	Effective	Yes	Yes	Yes	Yes	Yes
Wild 2009	Journal (German)	Other	2	Ineffective	Yes	Yes	Yes	Not applicable	Yes
Williams 2014	Cochrane (English)	Other	0	Inconclusive	Yes	Yes	Not applicable	Not applicable	Yes
Wormald 2005	Cochrane (English)	Photodynamic therapy	6	Effective	Yes	Yes	Yes	Yes	Yes
Ziemssen 2009	Journal (English)	Anti-VEGFs	33	Effective	Yes	Yes	Yes	Not applicable	Yes

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Reviews classified as unreliable based on five criteria (n = 14)									
Brown 2008	Agency (English)	Anti-VEGFs	12	Effective	Yes	Yes	Yes	Can't tell	Yes
Chuo 2007	Journal (English)	Statins	8	Inconclusive	Yes	Yes	No	Yes	Yes
Cruess 2009	Journal (English)	Photodynamic therapy	36	Effective	Yes	No	No	Not applicable	No
Falkner 2007	Journal (English)	Submacular surgery	88	Effective	Yes	No	Yes	No	No
Haute 2001	Agency (French)	Multiple treatments	not reported	Effective	Yes	Yes	Yes	Not applicable	Can't tell
Hooper 2008	Journal (English)	Health or rehabilitation	32	Inconclusive	Yes	No	Yes	Not applicable	Yes
Ip 2008	Journal (English)	Anti-VEGFs	54	Effective	Yes	No	Yes	Not applicable	Yes
Lanzetta 2013	Journal (English)	Anti-VEGFs	7	Effective	Yes	No	No	Not applicable	No
Mitchell 2011	Journal (English)	Anti-VEGFs	20	Inconclusive	Yes	No	No	Not applicable	Yes
Oliva 2009	Agency (Spanish)	Multiple treatments	6	Effective	Yes	Yes	Yes	Can't tell	Yes
Sin 2013	Journal (English)	Health or rehabilitation	not reported	Effective	Yes	No	No	Not applicable	Can't tell
Vishwanathan 2013	Journal (English)	Dietary supplements	10	Inconclusive	Yes	No	Yes	Not applicable	Yes
Zhang 2010	Journal (Chinese)	Dietary supplements	9	Effective	Yes	Yes	Yes	No	No
Zhou 2012	Journal (Chinese)	Anti-VEGFs	7	Effective	Yes	No	Yes	Yes	Yes

Examples of inappropriate statistical methods included combining results from different study designes (e.g., cohort and case-control studies), analyzed within group data only (i.e., not using between group estimates), and using case-control studies to assess incidence