

**H.6.2 Treatment in people presenting with visual acuity better than 6/12 or people presenting with visual acuity worse than 6/96**

RQ10: What is the effectiveness of treatment of neovascular AMD in people presenting with visual acuity better than 6/12?

RQ25: What is the effectiveness of treatment of neovascular AMD in people presenting with visual acuity worse than 6/96?

Number of studies	Design	Risk of bias	Inconsistency	Indirectness	Imprecision	Sample size	Effect	Quality
<b>Visual acuity at 1 year (visual acuity <math>\geq</math> 6/12 vs VA&lt;6/12 to VA&gt;6/96) (ETDRS letters; higher scores indicate better vision)</b>								
2 (Writing committee for the UK AMD EMR user group 2014, Ying 2013)	Cohort study	Serious <sup>1</sup>	Serious <sup>3</sup>	Not serious	Not serious	11,914	MD 16.52 (13.41, 19.64)	LOW
<b>Visual acuity at 1 year (visual acuity <math>\leq</math>6/96 vs VA&lt;6/12 to VA&gt;6/96) (ETDRS letters; higher scores indicate better vision)</b>								
1 (Writing committee for the UK AMD EMR user group 2014)	Cohort study	Serious <sup>1</sup>	N/A	Not serious	Not serious	8,888	MD -17.23 (-22.36, -12.10)	MODERATE
<b>Change in visual acuity at 1 year (visual acuity <math>\geq</math> 6/12 vs VA&lt;6/12 to VA&gt;6/96) (ETDRS letters; higher scores indicate better vision)</b>								
3 (Writing committee for the UK AMD EMR user group 2014, William 2011, Ying 2013)	Cohort study	Serious <sup>1</sup>	Not serious	Not serious	Not serious	12,529	MD -6.34 (-7.33, -5.36)	MODERATE
<b>Change in visual acuity at 1 year (visual acuity &lt;6/96 vs VA&lt;6/12 letters to VA<math>\geq</math>6/96) (ETDRS letters; higher scores indicate better vision)</b>								
1 (Writing	Cohort study	Serious <sup>1</sup>	N/A	Not serious	Not serious	8888	MD 13.99	MODERATE

Macular Degeneration

Appendix H: Grade tables and meta-analysis results

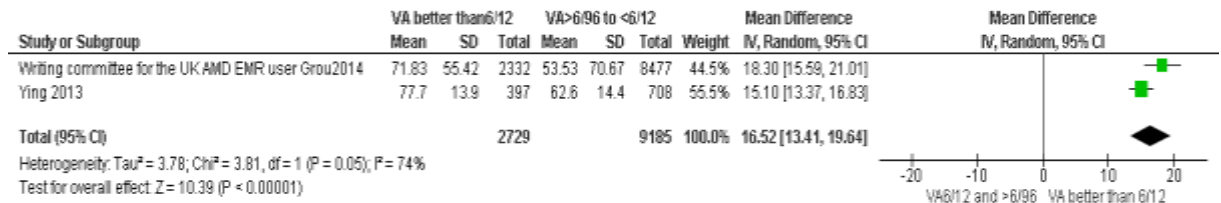
Number of studies	Design	Risk of bias	Inconsistency	Indirectness	Imprecision	Sample size	Effect	Quality
committee for the UK AMD EMR user group 2014)							(10.39, 17.59)	
<b>Change in visual acuity at 6 months (visual acuity &lt;6/96 vs VA≥6/96) (Fang 2013, vision threshold up to≥60 letters) (ETDRS letters; higher scores indicate better vision)</b>								
2 (Fang 2013, Writing committee for the UK AMD EMR user group 2014)	Cohort study	Serious <sup>1</sup>	Not serious	Not serious	Not serious	9032	MD 7.77 (5.44, 10.10)	MODERATE
<b>Change in visual acuity at 5 years (visual acuity ≥ 6/12 vs VA &lt;6/12 to VA≥6/60) (ETDRS letters; higher scores indicate better vision)</b>								
1 (Zhu 2015)	Case series	Very serious <sup>2</sup>	N/A	Not serious	Not serious	186	MD -11.75 (-18.98, -4.52)	LOW
<b>Percentage of people who lost 15 letters or more at 1 year (visual acuity ≥6/12 vs VA &lt;6/12to VA &gt;6/100 (23 letter)</b>								
2 (Buckle 2014, El-Mollagyess 2013)	Prospective cohorts	Serious <sup>1</sup>	Serious <sup>3</sup>	Not serious	Very serious <sup>4</sup>	1389	RR 0.41 (0.04, 3.94)	VERY LOW
<b>Percentage of people who lost less than 15 letters at 1 year (visual acuity ≥6/12 vs VA &lt;6/12to VA ≥6/196)</b>								
1 (William 2011)	Prospective cohort	Very serious <sup>2</sup>	N/A	Not serious	Not serious	615	RR 10.01 (0.95, 1.08)	LOW
<b>Percentage of people who gained 15 letters or more at 1 year (visual acuity≥6/12 vs VA&lt;6/12 )</b>								
4 (El-Mollagyess 2013, Regillo 2015, William 2011, Ying	Prospective and retrospective cohorts	Serious <sup>1</sup>	Not serious	Not serious	Not serious	2310	RR 0.16 (0.12, 0.22)	MODERATE

Macular Degeneration

Appendix H: Grade tables and meta-analysis results

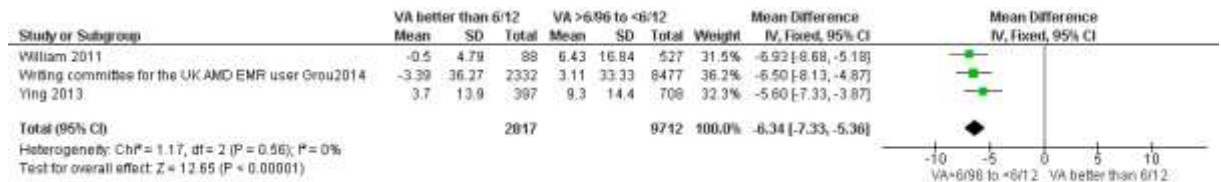
Number of studies	Design	Risk of bias	Inconsistency	Indirectness	Imprecision	Sample size	Effect	Quality
2013)								
<b>Percentage of people who gained 15 letters or more at 6 to 12 months (visual acuity &lt;20 letters (6/120) vs VA≥6/120 (20 letters)</b>								
2 (Fang 2013, Vogel 2016)	Prospective cohorts	Very serious <sup>2</sup>	Not serious	Not serious	Serious <sup>5</sup>	239	RR 1.44 (1.02, 2.01)	VERY LOW
1. Downgraded one level for non-randomised study design but large sample size included in the analysis. 2. Downgraded two levels for non-randomised study design. 3. Downgraded one level for inconsistency ( $i^2 > 50\%$ ) 4. Downgraded two levels for confidence interval crossing 2 lines of a defined minimal important difference 5. Downgraded one level for confidence interval crossing 1 line of a defined minimal important difference Note: visual acuity 6/12 equivalent to 70 ETDRS letters, and 6/96 equivalent to 25 ETDRS letters.								

**Mean visual acuity at 1 year**

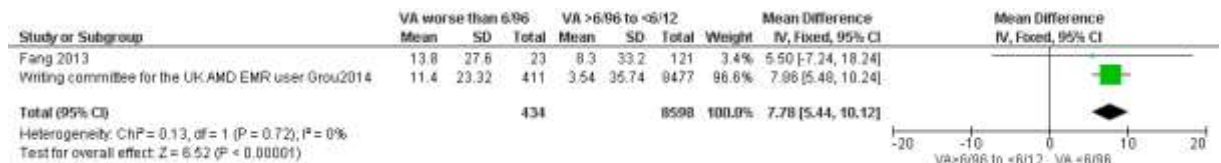


**Change in visual acuity**

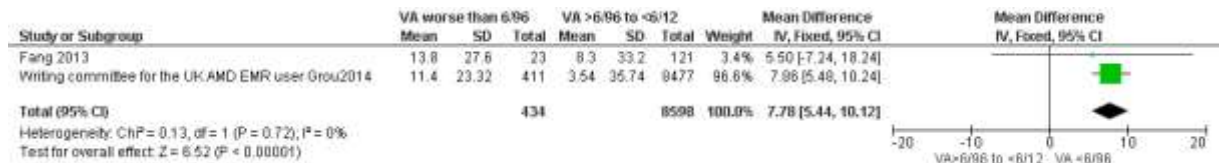
**Change in visual acuity (letters) at 1 year**



**Change in visual acuity at 6 months**

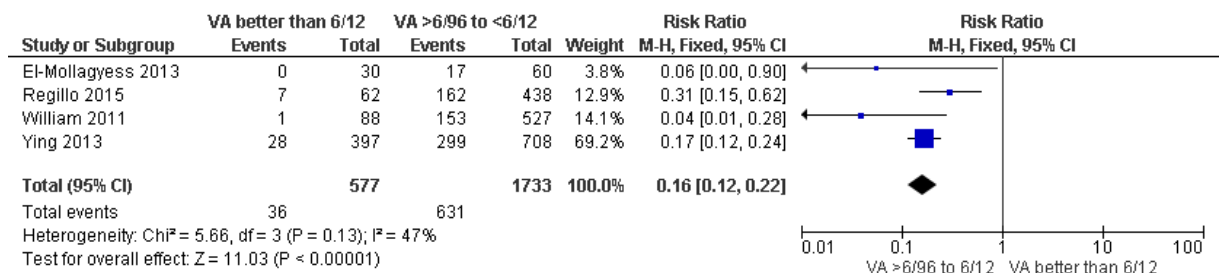


**Change in visual acuity at 6 months**



**Percentage of people who gained ≥15 letter at 1 year**

**People with good baseline vision vs people with VA between 6/12 and 6/69**



**People with poor baseline vision vs people with baseline vision  $\geq 6/120$  (20 letters)**

