

**Appendix 4.**

**Review I: Effect of Health Literacy Interventions on Decision-Making Outcomes**

Author, Date of Publication	Study Design	Control	Intervention	Sample Sizes	% Population Limited Literacy or Education	Outcomes	Difference
Volandes et al., 2010 [1]	Quasi-exper. (Pre-Post)	N/A	Video showing features of advanced dementia	146	18% ≤ 6 <sup>th</sup> grade on REALM  21% grades 7-8 on REALM  61% ≥ 9 <sup>th</sup> grade	Mean uncertainty using Uncertainty subscale of Decisional Conflict Scale (range 3 to 15, with higher scores indicating less uncertainty)  Pre-intervention: Low HL: 10.3 Marginal HL: 11.9 Adequate HL: 12.5  Post intervention: Low HL: 13.9 Marginal HL: 14.4 Adequate HL: 14.6	Adjusted mean change in uncertainty (post-pre), 95% CI:  Low HL: + 3.5 (2.5-4.6) Marginal HL: +2.5 (1.5-3.5) Adequate HL: +2.0 (1.3-2.8)

*Abbreviations Used:*

HL: Health Literacy

REALM: Rapid Estimate of Adult Literacy in Medicine

## References

1. Volandes AE, Barry MJ, Chang YC, Paasche-Orlow MK: **Improving decision making at the end of life with video images.** *Med Decis Making* 2010, **30**:29-34.