

### Multimedia Appendix V. Breakdown of study results by outcome

Outcome	Cho, 2006 [19]	Chrischilles, 2014 [20]	Fiks, 2015 [21]	Grant, 2008 [22]	Gustafson, 2012 [23]	Joseph, 2007 [24]	Joseph, 2013 [25]	Schnipper, 2012 [26]	Simon, 2011 [27]	Weingart, 2013 [28]	Mooney, 2017 [29]	Ahmed, 2016 [30]	Karhula, 2015 [31]	Carlsen, 2017 [32]
Changes in use of medications	N	P	D	P		P			P					P
Changes in signs and symptoms of chronic disease	P		P	N	P	P	P		P			P	P	N
Patient self-management and self-efficacy		N	N		P			P				P		
Medication use behaviour		N			N	N								
Medication reconciliation and recommendations for change	D	N						P						
Identification of adverse effects & ADEs		N	D					N		N	P			D
Health service utilization			N			P	N		N	N		N		
Patient overall health status						N						N	N	N
Patient satisfaction with health care			N						P					D

**P** is used to demonstrate at least one significant effect on outcomes.

**N** is used to demonstrate no significant effects on outcomes.

**D** is used to demonstrate descriptive data only.