

Comparison 2: EOv alone vs no intervention - studies with continuous outcomes																
Study	Outcome	N HPs	Unit of Analysis Error 1= Yes; 2=No	Ctr before	EO before	Ctr after	EO after	After Difference	Adj change	Unadj Percent change	Adj Percent change	Adj Percent change (positive indicates result in favour of EO)	Study Quality 1= high moderate 3= low	Prescribing 1=Yes, 2=No	EO Only 1=Yes, 2=No	Baseline Rate
Avorn 1983	Mean number of units prescribed (propoxyphene, cerebral & peripheral vasodilators, cephalixin)	281	1	5415	5439	4921	4174	-747	-771	-15%	-15.7%	15.7%	2	1	1	5439
Avorn 1992	Mean index of psychoactive drug use in nursing home residents - estimate of hps	612	2	1.74	1.87	1.6	1.36	-0.24	-0.37	-15%	-23.1%	23.1%	2	1	1	1.87
Berings 1994	Mean number of packages of benzodiazepine/ 100 patient contact with prescriptions	85	1	14.7	14.1	14.2	10.8	-3.4	-2.8	-23.9 %	-19.7 %	19.7 %	2	1	1	14.1
Diwan 1995	Mean prescriptions of lipid lowering drugs per month per health center	134	2	0.19	0.2	0.23	0.315	0.085	0.075	37.0 %	32.6 %	32.6 %	1	1	1	0.2
Figueiras 2000	Adverse drug reaction reporting rates	6451	2	11.3	7.6	14.5	100.2	85.7	89.4	591%	616.6%	617%	1	2	1	7.6
Finkelstein	Mean rate of	129	2					-0.565	-0.06	-26.50%	-3.0%	3.0%	2	1	1	
Font 1991	Median number of	244	1					-3.98	-2.04	-14%	-4.0%	4%	2	1	1	
Hall	Mean dose unit	130	2					0.12	0.01	-6%	10.5%	10.5%	1	1	1	
Ilett 2000	Total cost of prescriptions	112	2	\$74,929.00	\$60,480.00	\$112,079.00	\$81,500.00	-\$30,579.00	-\$16,130.00	-27.3 %	-14.4%	14.4 %	2	1	1	\$60,480.00

Loeb 2005	Rate of antimicrobial use for urinary tract symptoms	2010	2			1.59	1.17	-0.42		-26%			2	1	1	
McConnell 1982	Median per 6 months of tetracycline for upper respiratory tract infection	33	2	6.25	7.25	2	0.5	-1.5	-2.5	-75%	-125.0%	125.0%	2	1	1	7.5
Solomon 2001	Mean number of days of unnecessary levofloxacin or ceftazidime was administered per 2 week intervals	68	2	7.6	8.5	8.8	5.5	-3.3	-4.2	-38%	-47.7%	47.7%	2	1	1	8.5
van Eijk 2001 a (individual)	Incidence per 1000 patient years of elderly people with new prescriptions of highly anti-cholinergic anti-depressants (HAA)	138	2	5.82	8.02	8.2	7.5	-0.7	-2.9	-9%	-35.4%	35.4%	1	1	1	8.02
van Eijk 2001 b (group)	Incidence per 1000 patient years of elderly people with new prescriptions of highly anti-cholinergic anti-depressants (HAA)	120	2	5.82	6.36	8.2	5.2	-3	-3.54	-37%	-43.2%	43.2%	1	1	1	6.36
Weller 2003	Test-ordering	98	2	1.73	1.6	2.2	1.32	-0.88	-0.75	-40%	-34.1%	34.1%	1	2	1	1.6
Zwar 2000	Mean rate of benzodiazepine prescribing per 100 encounters for all indications	157	2	2.2	2.3	1.6	1.7	0.1	0	6%	0.0%	0.0%	2	1	1	2.3
											median	23%				
												12%				
												39%				