

Comparison 1: Any intervention including an EOJ versus no intervention- studies with dichotomous outcomes

Study	Outcome	N HPs	Unit of Analysis Error 1= Yes; 2=No	Ctr before	EO before	Ctr after	EO after	RD: Unadj	RD: adj	RR: Unadj	RR: Adj	Baseline compliance	Study quality 1= high 2=moderate 3= low	Prescribing 1=Yes; 2=No
Brown 1994	% (mean) of patient records per practice with at least one notation of periodontic care	24	2	69.70	79.30	77.20	83.80	6.60	-3.00	1.09	0.95	0.79	2	2
Cheater 2006	% aggregate compliance with criteria	176	2						0.90				1	2
Cockburn 1992	% of general practitioners who used at least one resource of the stop smoking kit	138	2			72.00	87.00	15.00		1.21			2	2
Coenen 2004	% not prescribing antibiotics	59	2	62.20	57.00	71.30	72.60	1.30	6.50	1.02	1.11	0.57	2	1
Crotty 2004	% not receiving psychotropics	98	2	36.20	31.90	30.00	30.10	0.10	4.40	1.00	1.14	0.32	1	1
De Burgh 1996	% not receiving benzodiazepine prescription for an insomnia	633	2	7.60	5.50	11.50	12.60	1.10	3.20	1.10	1.51	0.06	2	1
Dey 2004	% of patients not prescribed opioids or muscle relaxants (median variable)	54	2	78.9	78.10	81.30	81.3	0.00	0.80	1.00	1.01	0.78	2	2
Feder 1995 (asthma) IBB	% compliance with guidelines for asthma (median variable asked	39	2					12.20	11.60	1.73	1.66	0.14	2	2
Feder 1995 (diabetes) IBB	% recording of key diabetes variables in patient records (median	39	2					21.20	18.40	1.70	1.39	0.57	2	2
Fender 1999	% of women with menorrhagia receiving appropriate care (not	348	2			71.00	80.00	9.00		1.13			2	2
Figueiras 2001a (1:1)	% of recommended drug units of ibuprofen, naproxen, diclofenac	503	2	36.54	36.48	39.33	41.84	2.51	2.57	1.06	1.07	0.37	1	1
Figueiras 2001b (Group)	% of recommended drug units of ibuprofen, naproxen, diclofenac	497	2	36.54	37.61	39.33	41.54	2.21	1.14	1.06	1.03	0.38	1	1
Freemantle 2000	% prescriptions reimbursed for lansoprazole over proton pump inhibitors as a whole (mean %)	277	2	33.00	32.00	42.00	44.00	2.00	3.00	1.05	1.08	0.32	1	1
Freemantle 2002	% patients treated in accordance with each guideline (NSAID/ Aspirin/ ACE inhibitors/ antidepressant)	162	2						5.20		1.13	0.41	2	1

Fretheim 2006	% of patients receiving thiazides for hypertension	501	2	8.80	5.80	11.10	17.30	6.20	9.20	1.56	2.36	0.58	1	1
Frijling 2003	% compliance guidelines for care of patients with cardiovascular problems (median of 12 indicators)	185	2	54.00	57.00	53.00	62.00	9.00	6.00	1.17	1.11	0.57	2	2
Hendryx 1998	% compliance with intensive care unit guidelines	940	2	65.00	59.00	62.00	72.00	10.00	16.00	1.16	1.28	0.59	2	2
Kaner 1999a (EO plus telephone support)	% advice giving for at risk drinkers (control group is the same for both interventions)	85	2			41.00	59.00	18.00		1.44			2	2
Kaner 1999b (EO only)	% advice giving for at risk drinkers (control is the same for both interventions)	86	2			41.00	55.00	14.00		1.34			2	2
Kerse 1999	% of elderly patients recalling advice giving re: exercise	42	2			19.00	32.00	13.00		1.68			1	2
Kim 1999	% of patients offered preventive services, median variable breast examination	41	2					2.00	6.00	1.02	1.08	0.83	2	2
Lemelin 2001	% of patients receiving primary preventive care performance (mean) (overall index of performance)	126	2	32.10	31.90	31.90	43.20	11.30	11.50	1.35	1.36	0.32	1	2
Myers 2004	% of patients recommended for colorectal cancer screening	470	2	68.90	64.90	67.30	79.60	12.30	16.30	1.18	1.26	0.65	2	2
Newton-Syms 1992	% ibuprofen prescribing cost (index) proportion median	318	2	18.00	20.00	16.00	24.00	8.00	6.00	1.50	1.35	0.20	2	1
Ofman 2003	% compliance with process-of-care	83	2			9.00	61.00	52.00		6.78			2	2
Pagaiya 2005	% of providers prescribing ORS for diarrhoea (median variable)	62	2	76.20	81.70	67.60	83.90	16.30	10.80	1.24	1.16	0.82	2	1
Rabin 1994	% risk questioning and risk advice for STDs (median variable history of STD)	136	2					12.00		1.62			2	2
Ross-Degnan 1996	% of customer visits resulting in sale of oral rehydration salts	87	2	40.00	40.00	45.20	53.60	8.40	8.40	1.19	1.19	0.40	2	2
Santoso 1996	% of customer visits resulting in sale of oral rehydration salts	480	1	68.70	70.20	71.10	77.30	6.20	4.70	1.09	1.06	0.70	2	2

Schmidt 1998 (group (team) EO)	% of residents without any anti-psychotic drug prescribing (median variable) (estimate of hps based on number of nursing homes)	330	1	62.40	59.90	65.10	67.40	2.30	4.80	1.04	1.08	0.60	2	1
Simkin-Silverman 1997	% of patients reporting physician counselling behavior for management of obesity, (median variable discussed health risks)	11	2					66.50	64.00	5.26	4.25	0.21	2	2
Simon 2005 (G) (same control group as previous comparison)	% of patients receiving a diuretic or beta-blocker	546	2	57.60	59.10	63.80	72.30	8.50	7.00	1.13	1.10	0.59	2	1
Simon 2005 (I) (same control group as next comparison)	% of patients receiving a diuretic or beta-blocker	554	2	57.60	57.60	63.80	70.10	6.30	6.30	1.10	1.10	0.58	2	1
Soumerai 1993	% (mean) proportion of red blood cell transfusions classified as noncompliant with blood transfusion guidelines.	101	1	60.00	60.00	56.00	76.00	20.00	20.00	1.36	1.36	0.60	2	2
Taylor 1999 (firm study)	% mammography completion within 8 weeks of index clinic visits.	49	2			22.00	49.00	27.00		2.23			2	2
Walsh 2005	% colorectal cancer screening	82	2	79.00	65.60	86.60	76.80	-9.80	3.60	0.89	1.07	0.66	2	2
Watson 2001	% of prescribing for ibuprofen, diclofenac and naproxen as a percentage of total NSAID prescribing.	71	2	79.00	78.10	81.20	82.70	1.50	2.40	1.02	1.03	0.78	1	1
Watson 2002 (EO + Ed Meet) same control group	% of appropriate (sale or non sale) of anti-fungal agent for candidiasis	30	2	37.00	37.00	35.00	35.00	0.00	0.00	1.00	1.00	0.37	1	1
Watson 2002 (EO) (same control group)	% of appropriate (sale or non sale) of anti-fungal agent for candidiasis	30	2	37.00	41.00	35.00	46.00	11.00	7.00	1.31	1.19	0.41	1	1
Wyatt 1998	% concordance with guidelines (estimate of number of hps based on number of ob units)	250	2	47.00	38.00	57.00	51.00	-6.00	3.00	0.89	1.11	0.38	2	1
Young 2002 (smoking cessation) IBB	% asked about smoking status	60.00	2	14.00	24.00	24.00	32.00	8.00	-2.00	1.33	0.78	0.24	2	2
Young 2003 (cervical screening IBB)	% asked about cervical screening	60.00	2	21.00	13.00	25.00	22.00	-3.00	5.00	0.88	1.42	0.13	2	2

Patient outcomes

Avorn 1992	% (median of 6 variables) with improved clinical status (previous benzodiazepine use) (median variable behaviour)								-7.00		0.89				
Avorn 1992	% (median of 6 variables) with improved clinical status (previous antipsychotic use) (median variable depression)								-2.00		0.97				
Cheater 2006	% patients with improved outcomes (9 variables)	176	2							5.00					
Crotty 2004	% residents who did not fall during 3 months	98	2	80.20	78.00	78.10	74.50	-3.60	-1.40	0.95	0.98	0.78	1	2	
Fretheim 2006	% treatment goal achieved	501	2	33.60	29.30	36.50	32.00	-4.50	-0.20	0.88	1.01	0.29	1	2	
Griffiths 2004	% patients not attending for unscheduled asthma care in year after intervention	86	2			32.00	42.00	10.00		1.31			2	2	
Hennessey 2006	% of patients achieving blood pressure control	93	2	53.00	54.00	62.00	66.00	4.00	3.00	1.06	1.04	0.54	3	2	
Martin 2004	% patient survival in hospitals- (estimate of number of units and staff)	300	2	67.00	69.00	63.00	73.00	10.00	8.00	1.16	1.13	0.69	1	2	
New 2004	% practices achieving targets for blood pressure and lipid management	167	2			51.80	51.20	-0.60	0.01	0.99			1	2	
Walsh 2005	% patients receiving colorectal cancer screening among patients enrolled for 5 years	82	2	71.30	74.40	79.90	84.10	4.20	1.10	1.05	1.01	0.74	2	2	

median H 5.60
quartiles 3.0
9.0

% Contribution of EO	Baseline Data 1= Yes; 2 = No	# Clinicians per Visit: 1= 1 Clinician 2= 2 or more Clinicians	# Number of Visits	Complexity 1= high 2=moderate 3= low	Seriousness 1=high 2=moderate 3=low	Source 1=Influential 2=Peer 3=Anyone else	EOV included feedback 1=Yes; 2= No	EOV included tailoring 1=Yes; 2=No
90	2	2	1	3	3	2	1	2
100	1		2	1	2	2	2	1
100	2	1	2	3	2	3	2	2
100	1	1	1	3	3	3	2	2
70	1	1	2	1	1	3	1	2
100	1	1	1	3	2	2	2	2
69	1	1	2	3	2	1	2	2
80	1	2	3	1	1	2	2	2
80	1	2	3	1	1	2	2	2
100	2	2	2	3	2	3	2	2
100	1	1	1	3	2	3	2	2
100	1	2	1	3	2	3	2	2
100	1	1	1	3	2	3	2	2
100	1	2	1	2	2	3	2	2

70	1		1	3	2	3	1	1
100	1		15	1	1	3	1	2
90	1	1	1	1	1	2	1	2
70	2	1	2	3	2	3	2	2
90	2	1	2	3	2	3	2	2
20	2	1	1	3	2	3	1	2
100	1	1	3	3	2	3	1	2
50	1	2	33	2	2	3	1	2
75	1	2	2	2	1	3	1	2
100	1	1	1	3	3	3	2	2
25	2	1	1	2	2	3	2	2
50	1	2	1	2	2	1	1	2
100	2	1	1	3	2	3	1	2
70	1	1	1	3	2	1	2	1
100	1	2	1	3	2	1	2	1

100	1	2	12	2	2	3	2	2
80	1	1	1	3	2		2	2
100	1	2	1	3	2	1	2	1
100	1	1	1	3	2	1	2	1
100	1	1	1	2	2	1	2	1
30	2	1	1	3	2	3	2	2
75	1	1	1	3	2	1	2	2
100	1	1	2	3	3	3	2	2
90	1	2	1	3	3	3	2	2
100	1	2	1	3	3	3	2	2
100	1	2	1	3	2	1	1	2
75	1	1	3	3	2	2	1	1
75	1	1	3	3	2	2	1	1



70	1		3	1	1			
70	1		1	3	2			
30	2		2	1	1	3	2	2
70	1	1	1	2	2	3	1	2
50	1		1	2	1	1	2	2
100	2	2	4	1	1	3	1	2
75	1	1	1	3	2			