

How to optimise polypharmacy



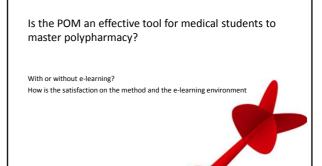
Prescribing Optimisation Method

Judgemental (implicit) method

- 1. Actual use
- 2. Side effects
- 3. Undertreatment
- 4. Overtreatment
- 5. Interactions
- 6. Dosage (kidney function)

Includes explicit methods: START/STOPP

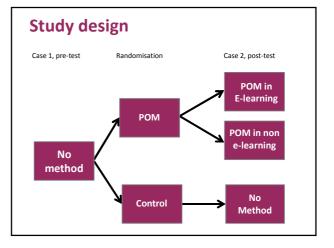


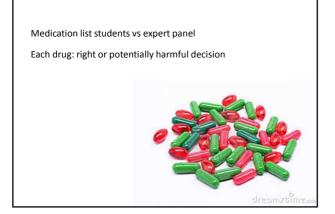


Randomised controlled trial

103 final year medical students 2 faculties of medicine Sources as in clinical practice e.g. internet Cases based on real life cases







Baseline results

control vs intervention

Variable	Unit	Control (n=53)	Intervention (n=50)	p-value
Age	median (range)	25 (23-32)	25 (23-40)	0.38
Gender	% female	75	58	0.06
Location	Utrecht n Amsterdam n	27 26	24 26	0.77
No. of weeks before graduation	median (range)	12 (6-42)	12 (6-40)	0.98
Relevant pre-training	Non/non-relevant Relevant	44 9	41 9	0.89
Score pre-test	Right decision n (SD) Harmful decision n (SD)	5.8 (1.7) 3.4 (1.5)	5.2 (1.5) 3.4 (1.0)	0.11 0.99

Variable*	Unit	E-learning (Faculty 1)	Non-e-learning (Faculty 2)	p-value
Age	median (range)	26 (23-38)	24 (23-40)	0.00
Score pre-test	Right decision n (SD) Harmful decision n (SD)	5.1 (1.6) 3.6 (1.2)	5.9 (1.6) 3.2 (1.2)	0.01 0.11

