

Obesity Prevention and Control: Provider Reminders

Summary Evidence Table

Study	Intervention and Comparison	Study Population	Effect measure	Reported Baseline and Follow-Up	Reported effect	Follow-up time
<p>Author (year): Bordowitz et al. (2007)</p> <p>Study Period: 2002-2003</p> <p>Study Design: Before-After</p> <p>Design Suitability: Least</p> <p>Quality of Execution: Fair</p>	<p>Location: Brooklyn, NY</p> <p>Components: Electronic Medical Records were used to automatically calculate BMI. This was not emphasized to physicians and there was no formal training on the BMI feature.</p> <p>Intervention was 24 months</p>	<p>302 new patients; 2 medical clinics; 148 physicians</p> <p>N₀: 153 N₁: 149</p>	<p>Document Obesity (%)</p> <p>Before 31 After 71</p> <p>Document Overweight (%)</p> <p>Before 4 After 9</p> <p>Treated Obesity (%)</p> <p>Before 35 After 59</p> <p>Treated Overweight (%)</p> <p>Before 13 After 15</p>	<p>12 months</p>	<p>Adjusted prevalence ratio 2.3 (1.44, 3.68)</p> <p>4.61 (0.40, 49.0)</p> <p>1.84 (1.19, 2.86)</p> <p>2.46 (0.60, 10.90)</p>	24 months
<p>Author (year): Frank et al. (2004)</p> <p>Study Period: 1998-1999</p> <p>Study Design: RCT</p> <p>Design Suitability: Greatest</p> <p>Quality of Execution: Fair</p>	<p>Location: Australia</p> <p>Components: An automatic electronic record preventive care reminder for 12 preventive care activities for one 10-doctor practice was provided to those in the intervention group.</p>	<p>10,507 patients assigned to 10 general practitioners from 1 practice.</p> <p>Control: 10 Intervention: 10</p>	<p>Recording of weight (%)</p> <p>Control 4.9 Intervention 6.2</p>	12 months	Relative change 1.28 (1.13, 1.44)	12 months

Study	Intervention and Comparison	Study Population	Effect measure	Reported Baseline and Follow-Up	Reported effect	Follow-up time
<p>Author (year): McDonald et al. (1984)</p> <p>Study Period: not reported</p> <p>Study Design: RCT</p> <p>Design Suitability: Greatest</p> <p>Quality of Execution: Good</p>	<p>Location: Indiana</p> <p>Components: Physicians were sent reminders for patient conditions that needed attention. There were 751 different reminder messages, about preventive care such as weight reduction, mammography, and adult immunization. Intervention was 24 months.</p>	<p>126 physicians at 1 clinic</p>			<p>The effect on residents responses rate was significant ($p < 0.001$). Intention to give action on diet was 4.2 for study group and 3.2 for control. No significant difference with regard to weight and other measurements.</p>	

Absolute effect size is calculated unless otherwise noted.