

Increasing Cancer Screening: Reducing Structural Barriers - Cervical Cancer

Summary Evidence Table

Study	Location Intervention Comparison	Study population description Sample size	Effect measure	Reported baseline	Reported effect	Value used in summary [95%CI]	Follow- up time
<p>Author (year): Elwood-Martin et al. (2004) *</p> <p>Study Period: 2000 - 2001</p> <p>Design Suitability: Least</p> <p>Study Design: Pre-post</p> <p>Quality of execution: Fair</p> <p>Outcome Measurement: Completed Screening: Pap-test Self report</p>	<p>Location: Canada, BC</p> <p>1 intervention arm</p> <p>Intervention (RSB + 1 on1): RSB: Nurse-led clinics made available to inmates. Included scheduled appointments for pap-tests, discussion of results, and community follow-up for women who were released.</p> <p>1 on 1: Education about cervical cancer and its early detection</p> <p>Comparison: Pre-intervention</p>	<p>Study population: Female inmates incarcerated at the Burnaby Correctional Centre for Women during some point during the study period</p> <p>Sample Size: Pre-intervention: 357 Intervention: 376</p>	<p>Absolute change in completed screening (Pap-test)</p>	<p>Pap test: 21.0%</p>	<p>Pap test: 26.9%</p>	<p>Pap test +5.9 pct pts (p=0.06) 95% CI: (-0.3, 12)</p>	<p>30 months</p>
<p>Author (year): Pritchard et al. (1995)</p> <p>Study Period: 1991</p> <p>Design Suitability: Greatest</p> <p>Study Design: iRCT</p>	<p>Location: Australia, Perth</p> <p>3 intervention arms</p> <p>Intervention: 1. RSB + Inv + CR + SM: Invitation to attend a special screening clinic at a</p>	<p>Study Population: Female patients ages 36 – 69 years, with no hysterectomy, no record of a pap smear in the past 2 years, attendance at the practice within the last 3 years, not known to attend another practice</p>	<p>Absolute change in completed pap smear among women who had a pap smear taken within 12 months of entry into the study</p>	<p>1. 0% 2. 0% 3. 0% 4. 0%</p>	<p>1. 30.4% 2. 25.7% 3. 21.2% 4. 16.8%</p>	<p>1 vs. 4: +13.6 pct pts p-value: 0.002 95% CI: 5, 22</p>	<p>12 months</p>

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<p>Quality of execution: Fair</p> <p>Outcome Measurement: Pap-test Record Review</p>	<p>specific date and time, along with a letter invitation, and information brochure. In addition, non-respondents received a reminder phone call from nurse and an additional letter reminder.</p> <p>2. INV + CR + SM: letter invitation, and information brochure. In addition, non-respondents received a reminder phone call from nurse and an additional letter reminder.</p> <p>3. PR: Tagged with a reminder for treating physician to invite the woman to have a pap smear at the normal consultation or at the special screening clinic</p> <p>Comparison: Usual care (opportunistic screening)</p>	<p>and not diagnosed with a terminal illness</p> <p>Sample Size:</p> <p>1. RSB + Inv + CR + SM: n = 168</p> <p>2. Inv + CR + SM: n = 206</p> <p>3. PR: n= 198</p> <p>4. Comparison: n = 185</p>					
<p>Author (year): White et al. (1993)</p> <p>Study Period: not reported</p>	<p>Location: US, Pittsburgh PA</p> <p>1 intervention arm</p>	<p>Study Population: Female residents >55 years of the selected high rise apartment</p>	<p>Absolute change in proportion of completed pap tests</p>	<p>NR</p>	<p>I: 28.6%</p> <p>C: 10.8%</p>	<p>+17.8 pct pts p = 0.029</p> <p>95% CI:</p>	<p>5 months</p>

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<p>Design Suitability: Greatest</p> <p>Study Design: gNCT</p> <p>Quality of execution: Fair</p> <p>Outcome Measurement: Pap-test Self Report</p>	<p>Intervention (RSB + GE + SM):</p> <p>RSB: Screening in a non-clinical setting</p> <p>GE: Onsite discussion held at a tenant meeting using an American Cancer Society video with an African American Actress.</p> <p>SM: Printed fliers placed under doors of tenants</p> <p>Comparison: Received only educational services by a local senior citizen’s service organization</p>	<p>building during the study period.</p> <p>Sample Size: Intervention: 49 Comparison: 65</p>				(3, 33)	

*From the updated search period.