

Increasing Cancer Screening: One-on-One Education for Clients

Summary Evidence Table - Economic Review

Cost-Effectiveness Studies

Study	Population	Type of One-on-One Education	Comparison	Cost Components	Summary Measure												
Author (Year): Andersen et al. (2002)	Location: Rural areas of Washington State Study Population: Women 50-80 years of age	Peer counseling (volunteers*)	Usual Care	<table border="1"> <thead> <tr> <th>Component</th> <th>Included</th> </tr> </thead> <tbody> <tr> <td>Staff Salary</td> <td>X</td> </tr> <tr> <td>Travel Costs</td> <td></td> </tr> <tr> <td>Overhead</td> <td></td> </tr> <tr> <td>Materials</td> <td>X</td> </tr> <tr> <td>Equipment</td> <td>X</td> </tr> </tbody> </table>	Component	Included	Staff Salary	X	Travel Costs		Overhead		Materials	X	Equipment	X	\$2,367 per additional woman screened (Mammogram)
Component	Included																
Staff Salary	X																
Travel Costs																	
Overhead																	
Materials	X																
Equipment	X																
Author (Year): Lynch et al. (2004)	Location: Kaiser Permanente, NW Study Population: Women 52-69 years old	Telephone counseling (Trained staff)	Usual Care	<table border="1"> <thead> <tr> <th>Component</th> <th>Included</th> </tr> </thead> <tbody> <tr> <td>Staff Salary</td> <td>X</td> </tr> <tr> <td>Travel Costs</td> <td></td> </tr> <tr> <td>Overhead</td> <td>X</td> </tr> <tr> <td>Materials</td> <td>X</td> </tr> <tr> <td>Equipment</td> <td>X</td> </tr> </tbody> </table>	Component	Included	Staff Salary	X	Travel Costs		Overhead	X	Materials	X	Equipment	X	\$1,019 per additional woman screened (Pap test and Mammogram)
Component	Included																
Staff Salary	X																
Travel Costs																	
Overhead	X																
Materials	X																
Equipment	X																
Author (Year): Paskett et al. (2006)	Location: Robeson, NC Study Population: Women > 40 years of age	Home visit, follow-up call, mailing	Letter and brochure	<table border="1"> <thead> <tr> <th>Component</th> <th>Included</th> </tr> </thead> <tbody> <tr> <td>Staff Salary</td> <td>X</td> </tr> <tr> <td>Travel Costs</td> <td>X</td> </tr> <tr> <td>Overhead</td> <td></td> </tr> <tr> <td>Materials</td> <td>X</td> </tr> <tr> <td>Equipment</td> <td></td> </tr> </tbody> </table>	Component	Included	Staff Salary	X	Travel Costs	X	Overhead		Materials	X	Equipment		\$5,306 per additional woman screened (Mammogram)
Component	Included																
Staff Salary	X																
Travel Costs	X																
Overhead																	
Materials	X																
Equipment																	

Study	Population	Type of One-on-One Education	Comparison	Cost Components		Summary Measure
Author (Year): Saywell et al. (2004)	Location: St. Louis, Missouri and Indianapolis, Indiana Study Population: Women \geq 50 years of age	Nurse counseling (telephone)	Usual care	<u>Component</u> Staff Salary Travel Costs Overhead Materials Equipment	<u>Included</u> X X	\$57.21 per additional woman screened (Mammogram)
Author (Year): Stokamer et al. (2004)	Location: VA New York Harbor Healthcare System in New York City Study Population: Patients \geq 50 years of age	Nurse in-person counseling	Written instruction	<u>Component</u> Staff Salary Travel Costs Overhead Materials Equipment	<u>Included</u> X	\$44 per additional person screened (FOBT)

Study	Population	Type of One-on-One Education	Comparison	Cost Components		Summary Measure
Author (Year): Thompson et al. (1986)	Location: Western Washington State Study Population: HMO members	Nurse in-person counseling	Usual Care	<u>Component</u> Staff Salary Travel Costs Overhead Materials Equipment	<u>Included</u> X X	\$39 per additional person screened (FOBT)
		Physician in-person counseling	Usual Care	<u>Component</u> Staff Salary Travel Costs Overhead Materials Equipment	<u>Included</u> X X	\$83 per additional person screened (FOBT)
Author (Year): Thompson et al. (2007)	Location: Seattle, Washington and Vancouver, British Columbia Study Population: Women 20-69 years of age	Home visit by outreach worker	Usual Care	<u>Component</u> Staff Salary Travel Costs Overhead Materials Equipment	<u>Included</u> X X X	\$534 per additional woman screened (Pap test)

Modeled Study

Study	Population	Type of One-on-One Education	Comparison	Cost Components		Summary Measure
Author (Year): Wu et al. (2004)**	Location: Texas Study Population: Women 50-79 years of age	Telephone counseling and physician/clinic based counseling	Interventions were compared with each other	<u>Component</u> Staff Salary Travel Costs Overhead Materials Equipment	<u>Included</u> X X X X	Incremental cost of clinic-based versus telephone counseling: \$215,484 per additional LYS (Mammogram)

*Study estimated costs to participants and volunteers

**Wu et al. also included mammography screening costs, cost for false-positive screening tests, and treatment costs for various stages of the disease.