

DHMC General Internal Medicine
PSA Screening: Decision Making Summary
Time period: 1 June 2006 - 31 May 2007

Loan Summary

Measure	Response	N (%)
Circulation	BEFORE Dr visit (mailed)	1389 (100%)
	Returned video	1076 (77%)
	Returned questionnaire	478 (44%)
	Watched all of video	424 (89%)
Age	Average(SD):	61.7(7.1)
State	NH	777 (56%)
	VT	592 (43%)

Decision Process

Measure	Response	Before video	After video
Role Pref	I decide, with Dr's opinion		292 (68%)
	Doctor and I share decision		132 (31%)
	Dr. decides, with my opinion		8 (2%)
Stage DM	Not yet thought about options	100 (23%)	19 (4%)
	Considering the options	87 (20%)	91 (21%)
	Close to choosing option	44 (10%)	90 (21%)
	Already made a choice	200 (46%)	231 (54%)
Intention	No Screening Now	78 (18%)	148 (34%)
	Unsure	98 (23%)	63 (15%)
	Screening Now	256 (59%)	221 (51%)
	Change treatment(bef vs after)		114 (24%)

Preference switch table: before vs. after video

	Before video	N	After video (N)		
			No Screening Now	Unsure	Screening Now
No Screening Now	78		73	2	3
Unsure	98		43	41	14
Screening Now	256		32	20	204
Total	432		148	63	221

Standard Evaluation Criteria

Reference - ipdas.ohri.ca (target goal >= 75 %)

DECISION PROCESS	After video %Yes (95% CI)
Know available options	96% (93-97)
Know option benefits	95% (93-97)
Know option risks	95% (93-97)
Clear which benefits matter	89% (85-91)
Recognize decision is needed	75% (71-79)
Know values affect decision	83% (79-86)
Become involved in decision	85% (81-88)
Discuss values with doctor	79% (75-82)
VIDEO ACCEPTABILITY	
Very/Somewhat helpful	85% (81-88)
Definitely/Probably recommend	94% (91-96)

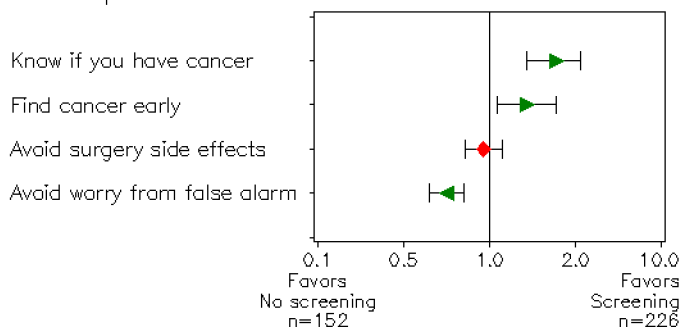
Decision Quality (After video)

Reference: Sepucha KR, Fowler FJ, Mulley AG. Health Affairs, 2004.

Knowledge Questions	Response	N (%)
Summary	Average score	93%
Out of 100 men, about how many of them will die of prostate cancer?	** Between 0 and 25	441 (98%)
	Between 76 and 100	3 (1%)
	Between 51 and 75	2 (0%)
	Between 26 and 50	1 (0%)
	I am not sure	1 (0%)
Does having an elevated PSA test always mean you have prostate cancer? ** No		440 (98%)
	Yes	5 (1%)
	I am not sure	4 (1%)
Both the PSA test and prostate biopsy: ** May miss a prostate can		357 (80%)
	Will always find a pros	67 (15%)
	I am not sure	21 (5%)
Many men with prostate cancers found by PSA tests will die of something else before the prostate cancer causes any problems, especially if they are older. ** True		433 (98%)
	I am not sure	5 (1%)
	False	3 (1%)
PSA tests: ** Both a and b		391 (88%)
	May not help a man live	39 (9%)
	May find slow growing c	7 (2%)
	I am not sure	5 (1%)

Logistic regression - odds of choosing PSA screening

How important is it to



Value	OR (95% CI)
Know if you have cancer	1.72 (1.35, 2.18)
Find cancer early	1.35 (1.07, 1.71)
Avoid surgery side effects	0.95 (0.82, 1.11)
Avoid worry from false alarm	0.71 (0.61, 0.81)

VALUE/CHOICE CONCORDANCE: Using value scores, calculate predicted option and compare to screening intention - N(% match).

Intention	Before video	After video
No Screening	78 (77%)	148 (78%)
PSA Screening	255 (80%)	220 (90%)
subtotal (No screen, Screen)	333 (79%)	368 (86%)
TOTAL (No screen, Screen, Unsure)	431 (61%)	431 (73%)