

DHMC CSDM Decision Making Summary
Total Hip Replacement: 1 July 2005 - 31 March 2007

Loan Summary

Measure	Response	N (%)
Circulation:	Total loans	196 (100%)
	Returned video	166 (85%)
	Returned questionnaire	106 (64%)
	Discussed trt w/ Dr	102 (96%)
Age:	Average(SD)	61.0(11.5)
Sex:	Female	55 (52%)
	Male	51 (48%)
Education:	Some HS or less	4 (6%)
	High school graduate	16 (23%)
	Some college	13 (19%)
	College graduate	37 (53%)

Decision Making

Measure	Response	Before video	After video
Role Pref:	I decide, with Dr's opinion		60 (59%)
	Doctor and I share decision		37 (36%)
	Dr. decides, with my opinion		5 (5%)
Stage DM:	Not yet thought about options	3 (3%)	2 (2%)
	Considering the options	19 (19%)	15 (15%)
	Close to choosing option	25 (25%)	18 (18%)
	Already made a choice	55 (54%)	67 (66%)
Leaning:	Non-Surgical	8 (8%)	13 (13%)
	Unsure	16 (16%)	10 (10%)
	Surgery	78 (76%)	79 (77%)
	Change treatment(bef vs after)		15 (14%)

	Before video	After video (N)		
		N	Non-Surgical	Unsure Surgery
Non-Surgical	8	7	1	.
Unsure	16	5	6	5
Surgery	78	1	3	74
Total	102	13	10	79

Evaluation Criteria: target goal $\geq 75\%$ (<http://ipdas.ohri.ca>)

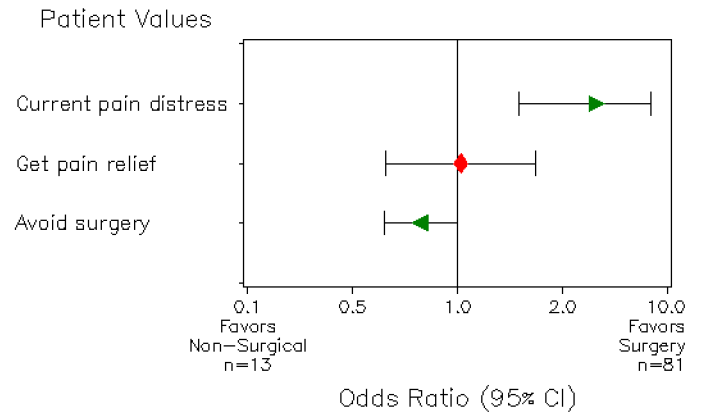
DECISION PROCESS (n=TotPV.)	After video %Yes (95% CI)
Know available options	97% (92-99)
Know option benefits	94% (88-98)
Know option risks	93% (87-97)
Clear which benefits matter	92% (86-97)
Recognize decision is needed	60% (50-70)
Know values affect decision	72% (63-81)
Become involved in decision	72% (62-80)
Discuss values with doctor	65% (55-74)
VIDEO ACCEPTABILITY	
Right amount of information	94% (85-98)
Everything/Most things clear	99% (92-100)
Very/Somewhat helpful	80% (71-87)
Balanced information	96% (88-99)
Definitely/Probably recommend	97% (92-99)

Decision Quality - Knowledge and Values

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

Knowledge Questions	Response	N (%)
Summary	Average score	86%
When is the right time to have hip replacement surgery?	** When the pain and other	99 (95%)
	Wait as long as you can	4 (4%)
	Before you get too old	1 (1%)
	I am not sure	0 (0%)
When 100 patients have hip replacement surgery, about how many will find that their pain is greatly or completely relieved?	** 76 to 100	91 (87%)
	0 to 25	7 (7%)
	I am not sure	5 (5%)
	51 to 75	2 (2%)
	26 to 50	0 (0%)
When 100 patients have hip replacement surgery, how many hip replacements last at least 10 years?	** 76 to 100	90 (88%)
	I am not sure	4 (4%)
	0 to 25	3 (3%)
	26 to 50	3 (3%)
	51 to 75	2 (2%)
How long does it take the average patient who has hip replacement surgery to get back to doing most of their usual activities?	** About 3 months	78 (75%)
	About 6 months	14 (13%)
	About a year	12 (12%)
	I am not sure	0 (0%)

Logistic regression (Odds of choosing surgery)



VALUE/CHOICE CONCORDANCE: Using value scores, calculate predicted treatment and compare to chosen treatment (% match).

Intention	Before video	After video
Non-Surgical	8 (38%)	13 (46%)
Surgery	78 (94%)	79 (96%)
subtotal (Non-Surgical, Surgery)	86 (88%)	92 (89%)
TOTAL (Non-Surgical, Surgery, Unsure)	102 (75%)	102 (80%)