Information Technology Is
Transforming Prostate Cancer
Care: Dragging Clinical
Medicine, Kicking and Screaming,
into the 21st Century

Andrew Vickers

Attending Research Methodologist

Department of Epidemiology and Biostatistics

Memorial Sloan-Kettering Cancer Center

Los Name	Lath TD		un Number	Time Collected		Time Reported
	N/A	M11	41260K	09:15 AM		12:16 PM
	Middle Initial		hone	Control Number	PERSONAL HUMBER	Account Phone Numb
		954-7	66-8433	N/A	09134070	954-766-8433
Date of Birth	An	Sex?	fasting	Physician Narm	Physician 10	
XX/XX/1954	.48	M	YES	PARDELL, H.		
Tests			Results	Units	Reference Interval	Lab
PROSTATE SPECIFIC AN	TIGEN	10				
Total PSA			1.4		< OR = 4.0 NG/ML	

Risk Group	Definition
Low risk	T1-T2b, Gleason score < 6, PSA < 10 ng/mL
Intermediate risk	T2b and/or Gleason score 7 and/or PSA 10 to 20 ng/mL
High risk	> T2c and/or Gleason score 8-10 and/or PSA > 20 ng/mL
PSA = prostate-specific	antigen

Medical History: Nursing Assessment New Visit

F"	Date: 08/28/2013		MALLAMU	JD, MICHELLE ANNE	
Ľ		Page 4		DOM: Nick Distanton	
	Date / /	Time	□AM □PM	☐ Office Visit ☐ Telephone	
A	Person giving information:	□Patient	☐Other, Relationship to	Patient	
	Patient's primary language:	,,,,,,	Interpre	eter required?	MRN3
	Planned Procedure/Surgery				MRN35328848
	Primary Diagnosis				00
	Medical/Surgical History				
	Care Partner (required for all ou	itpatient proce	dures/surgery)		
	Who does patient identify				
	who uses patient identity	as their care p	arther UNA		<u> </u>
	Name	Relations	ship to patient	Telephone number	73
	Phone Contacts (ask patient w	here they can l	be reached before the proced	ure, eg home, cell, hotel)	
	Telephone for 2 days befo	re			
	Telephone for 1 day befor	e			
	If an Ambulatory Nursing Con	nprehensive As	sessment has been complete	ed within 30 days of procedure or	
	surgery, indicate date complete	ed	, proceed to Comm	ents section, and sign form.	
					ACCT

Medical History: Fellow or Surgeon New Visit

Allergies FINKA	
Medical & Surgical History / Comorbidities	□ Cor. Artery Disease / MI □ Other Cardiac: □ Diabetes (IDDM/NIDDM) □ Hypertension □ Hypercholesterolemia □ CVA □ Depression □ Thrombo. Events / DVT □ Back Pain / DJD
Family History:	Social History: Occupation: Marital Status: Children: Tobacco Use: None
Side of Family	☐ Cigarettes ☐ Cigar ☐ Pipe

Medical History: Pre-surgical Testing

	Date of Dittil	
Chief Complaint/Reas	son for Surgery:	¥ =
		MRN35328848
		8848
History of Present Illr	ess:	
		P10
Medications:	□ None, □ as follows:	
Past Medical History	: □ None, □ as follows:	
Past Surgical History	· □ None, □ as follows:	
Allergies:	□ None, □ as follows:	> ==
Social History:	☐ Non-contributory, ☐ as follows:	ACCTOU
	☐ Tobacco ☐ Alcohol ☐ Drugs	UTP/

Medical History: Fellow or Surgeon at time of surgery

Memorial Original Control Of P	NS PROTECTED HEALTH INFO Hospital For Cancer and A Diseases rostatectomy Preoperative	Ulied	,	KCC POLICY		Do Not
Date: Procedure Planned	Surgeon:	t Surgical History			<u></u>	Not With B
7.000.000						eyleme
						eme Thes Line
						3
Past Medical History				······································		
Past Medical history						
Medications			Aller	gies		
			o do de la composición dela composición de la composición de la composición dela composición dela composición dela composición de la composición de la composición dela composición de la composición dela composición del composición dela c			
						Ana a succession of the succes
						WILL TO WAS
						8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
Preoperative Testing		ite:	,.,			<u> </u>
		: 00		Pront		
WBC	Na Na	CO		Creat		di Line

Smoking

Ambulatory Nursing Adult Health Screening

moking			
n the past 30 days, have you smoked c mokeless tobacco)?	igarettes or used any other i ☐ Every o	• •	
re you willing to consider quitting smok	king (or using other tobacco	products)?	
		□No	☐ Yes* ☐ n/a
Social History: Occupation: Marital Status: Children:			
Marital Status: Children: Tobacco Use: ☐ None ☐ Cigarettes ☐ Cigare	gar 🏻 Pipe		
☐ Quit Year:			
	7	•	
Presurgical testing	5		
Presurgical testing Social History:	S Non-contribu	tory, 🗖 as fo	ollows:

Medical History: Fellow or Surgeon New Visit

CN	Cardio-Respiratory	Е	Ci			······	
M/S	Neuro-Muscular		[[Γ,			
Other							<u> </u>
hesitancy,	ntermittance, weak str	eam, dribbling					
	story / Comorbidities That W on Blate		Other Cardio Hypertensio CVA Thromboem	tery Disease / Mac Disease n bolic Events / Disease / Asthm		☐ Hype ☐ Depro ☐ Back ☐ Neph	etes (IDDM/NIDDM) rcholesterolemia ession Pain / DJD rolithiasis
Surgical H	-	o heik	uten s	ingay			
THEIME	crowy 1470						
G	U07 U11	CMIC Approval	Date: 6/03	rev:09/0	8/06 Page	e 1 of 6	B/02.070.07

alore there a

Medical History: Pre-surgical Testing

Medications	□ None,	3 as follows:			
CANTOLIA, LOSANCTAN VENTOLIA, AVOOMT	, AVADIA	, siaquetin ,	ujum, ke	THE, ALKIN	on, BTELIN
VENTOLIA, AVOOMET	- Levini	**			
Past Medical History.	☐ None,	as follows.	sano, EDDM,	HTN, OSA	, dershed , availary, casie
Past Surgical History	☐ None,	as follows	tinsuccasing,	SUF MATE	, Whiteray, usie
Allergies:	☐ None,	as follows	GEA FORD		
Social History	Non-cor	ntributory, 🛭 as	follows:		
######################################	☐ Tobacco	o ☐ Alcohol	☐ Drugs		
Family History.	Non-cor	ntributory, 🛭 as	follows:		
Review of Symptoms	Norma	(Abnorma	al Commen	t	
		/ n			

Medical History: Fellow or Surgeon at time of surgery

Procedure Planned 8/12/10: Left Partial Nep	Past Surgical History Jonishlectory (Prostate Bigs) Nasal Augo Veolency Soft and Augus	
Past Medical History Prostate Carcal Appell Ocaletis Helotus (IDD)	Hypertension Pre op W+ 95.7kg	
Abstructive Sleep Agreeate Medications Carredulal 12.5 mg Po d Rosanton 10/25 mg Po deels	Levemin 2 Sunits BLD Allergies Astelint daily PRN allerges Sunktoon Shellfish) Singular 10 of PO daily Nuts With	rus
Atandia 2mg PV BID Attace 10 mg PO BID Preoperative Testing WBC C. 3 Na 142 C	Lansopratione 30m to daily Shellfron and when Date: 8/4/10	9
	100 190 Ca++ 9.9	

How big a problem **during the last 4 weeks**, if any, has each of the following been for you? (Circle one number on each line)

			Very Small <u>Problem</u>	Small <u>Problem</u>	Moderate <u>Problem</u>	Big <u>Problem</u>
a.	Hot flashes	. 0	1	2	3	4
b.	Breast tenderness/enlargement.	. 0	1	2	3	4

Have you had a vasectomy?

Have you had a hysterectomy?

Yes

No

No

Prostate Cancer FAQs

Cancer of the Bladder

Benign Prostatic Hyperplasia +

VIEW VIDEO TESTIMONIALS



Testimonials

Jacob G, Israel

פתאום באמצע החיים הודיעו לי שחליתי בסרטן. בבלוטת הערמונית שלי שהיא המקור ליצירת חיים ולהתחדשות, התגלה גידול ממאיר. מעבר להלם הראשוני ולחרדה הקיומית התברר לי שאני שוקע במערכת מפותלת ומורכבת של אפשרויות לטיפול ולריפוי, החל ממעקב ללא התערבות, דרך תהליכי הקרנות פנימיים וחיצוניים ועד לניתוחים מגוונים לכריתת הערמונית. להפתעתי גיליתי more...

G. A., New York, USA

"Just yesterday I got the results of my one month post surgery blood test, the PSA level is less than 0.1, thank you Dr. Samadi!"

more...

M. H., MD, Pennsylvania, USA

"...My choice of Dr. Samadi for the robotic surgery was without any doubt the best choice giving me the best outcome for this problem".

more..



Prostate Cancer Treatment and Robotic Surgery Expert

David B. Samadi, MD

Chairman of Urology, Chief of Robotic Surgery at Lenox Hill Hospital Professor of Urology at Hofstra North Shore-LIJ School of Medicine

Performed over 6,000 successful robotic prostate surgeries Developed his own advanced SMART prostate cancer surgery technique Personalized care before and after the procedure

NY robotic prostate surgeon, David B. Samadi, MD, is the Chairman of Urology, Chief of Robotic Surgery at Lenox Hill Hospital, and Professor of Urology at Hofstra North Shore-LIJ School of Medicine in New York City. He is one of the very few urologic surgeons in the United States trained in oncology, open, laparoscopic, and robotic surgery - as such, many regard him as the best prostate surgeon.

Dr. Samadi is actively involved in training and proctoring urologists and prostate surgeons across the country and internationally. He is a widely regarded prostate surgeon, particularly for the success of his custom SMART Surgery; the Samadi Modified Advanced Robotic Technique yields exceptional prostate surgery results.









America's Top Doctors 2008, 2009, 2010, 2011, 2012 **Prostate Cancer FAQs**

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more...

5-Day Forecast

DAY	HIGH/LOW	COND	PRECIP
TONIGHT Oct 15	 ∕ 53° ^F	Mostly Clear	/ 10%
FRI Oct 16	6 7 °/ ₄₇ °	Partly Cloudy	/ 10%
SAT Oct 17	56°/ _{40°}	Mostly Sunny	/ 0%
SUN Oct 18	52 °/ ₃₇ °	Partly Cloudy	/ 20%
MON Oct 19	53°/ _{43°}	Sunny	// 0%







commendations for You in Home Improvement













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Comply Tsx-100 Comfort

PLUS Earphone Tips (Black, 3 Pair, Medium) ****** 406



3 Pairs Replacement Silicone Earbuds Tips for Bose (Small)





Stanley 30669 Pro Block 2 Grounded 3-Outlet Outdoor Extension Cord, 2-Feet, Black



G40 Globe String Lights with 25 Clear Bulbs by Deneve® - UL Listed Commercial Quality...



RiteAV - 25 feet Power Extension Cord Heavy Duty Outdoor Jacket (Indoor & Outdoor...



Etymotic Research ER38-14F Foam Replacement Eartips - 10 Pack - Black



Venetian Leather Balm Cream 4 oz





Page 1 of 8





\$149.99

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Return or replace items

Archive order

ORDER PLACED June 14, 2015 TOTAL \$152.29 SHIP TO

Caroline Batzdorf *

ORDER # 116-3968028-9330648

Order Details Invoice

Delivered Jun 19, 2015

Your package was left in the mailbox.



Coleman Cable 02306 15-Feet 16/3-Wire Gauge Vinyl Outdoor Extension Cord, Black Sold by: Amazon.com LLC

\$12.87

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4 of 25 Ft Clear Globe G40 String Lights Set with 25 G40 Bulbs Included, End-to-end - UL Listed Indoor & Outdoor Lights Settings With Warm Romantic Ambienc Sold by: Brightown

\$29.99

Buy it Again



Allied Precision 28CSK, ClickShield Weather Resistant Cord Lock, 1-Pack, Black Sold by: WONDERFULBUY

\$8,49

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* Suggestions For You

Movies, TV shows, actors, directors, genres

Q

Genres ▼

New Arrivals

Starz Play

Instantly to your TV





Our best guess for Caroline: 4.6 stars

Average of 729,097 ratings: 3.7 stars

Children of Heaven (Bacheha-Ye aseman)

997 P

PG

87 minutes

In this Oscar-nominated Iranian drama from filmmaker Majid Majidi, a young boy (Amir Farrokh Hashemian) accidentally loses his sister's (Bahare Seddiqi) shoes and must share his own sneakers with her in a sort of relay while each attends school at different times during the day. The boy ultimately enters a much-publicized foot race in hopes of placing third and taking home the prize: a new pair of sneakers.

Cast: Mohammad Amir Naji, Amir Farrokh Hashemian, Bahare Seddiqi, Nafise Jafar-Mohammadi, Fereshte Sarabandi, Kamal Mirkarimi, Behzad Rafi, Dariush Mokhtari, Mohammad-Hasan Hosseinian, Masume Dair

Director: Majid Majidi

Genres: Children & Family Movies, Dramas, Movies for ages 8 to 10,

Movies for ages 11 to 12, Family Features, Middle Eastern

Movies, Iranian Movies, Farsi-Language Movies

Language: Farsi

This movie is: Inspiring

Availability: Streaming and DVD

Play

Add to Instant Queue

Add to DVD Queue

Play Trailer

DVD disc returned on

6/23/2009





Not Interested

Our best guess for Caroline:

Average of 729,097 ratings:

4.6 stars

3.7 stars

NETFLIX

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Just for Klds

Browse DVDs

Your Queue

* Suggestions

Genres v

New Arrivals

Starz Play

Instantly to your TV





Our best guess for Caroline:

3.7 stars

verage of 612,588 ratings:

3.4 stars

Justin Bieber: Never Say Never

2011 G



105 minutes

In this high-energy musical documentary, teen singing provides personal snapshots from throughout his care of drums and culminating with scenes from his triump

Cast: Justin Bieber, Boys II Men, Miley C

Ludacris, Jaden Smith, Usher, Patt

Director: Jon Chu

Genres: Documentaries, Movies for ages 8

to 12, Biographical Documentaries, Documentaries, Music & Concert M

This movie is: Feel-good

Availability: Streaming, DVD and Blu-ray



Justin Bieber: Never Say Never

2011 G 105 mins



Our best guess for you: 2.1 stars

Average of 1108386 ratings: 2.9 stars

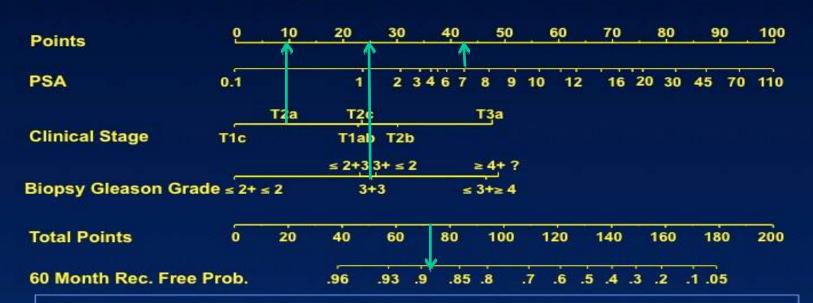
In this high-energy musical documentary, teen singing sensation Justin Bieber provides personal snapshots from throughout his career, starting with his first set of drums and culminating with scenes from his triumphant 2010 concert tour.

Cast: Justin Bieber, Boys II Men, Miley Cyrus, more...

Add to DVD Queue

Hey, we're prostate, we do prediction!

Preoperative Nomogram for Prostate Cancer Recurrence



Instructions for Physician: Locate the patient's PSA on the PSA axis. Draw a line straight upwards to the Points axis to determine how many points towards recurrence the patient receives for his PSA. Repeat this process for the Clinical Stage and Biopsy Gleason Sum axes, each time drawing straight upward to the Points axis. Sum the points achieved for each predictor and locate this sum on the Total Points axis. Draw a line straight down to find the patient's probability of remaining recurrence free for 60 months assuming he does not die of another cause first.

Instruction to Patient: "Mr. X, if we had 100 men exactly like you, we would expect between predicted percentage from nomogram - 10%> and predicted percentage + 10%> to remain free of their disease at 5 years following radical prostatectomy, and recurrence after 5 years is very rare."

Kattan MW et al: JNCI 1998: 90:766-771.

© 1997 Michael W. Kattan and Peter T. Scarding

Prostate Nomogram - Pre-Treatment

Change Treatment Stage

Pre-treatment PSA:	8
Biopsy Primary Gleason:	4
Biopsy Secondary Gleason:	3
Biopsy Gleason Sum:	7
1992 Clinical Tumor Stage:	T1c ▼
1997 Clinical Tumor Stage:	T1c ▼
Prescribed External Radiation Dose (64.8 - 86.4 Gy):	
Neo-Adjuvant Hormones:	
Neo-Adjuvant Radiation:	
Clear	Calculate

Results	
Organ Confined Disease	49 %
Extra Capsular Penetration	40%
Seminal Vesicle Involvement	8%
Lymph Node Involvement	3%
5yr Progression Free Probability Radical Prostatectomy	79 %
5yr Progression Free Probability External Beam Radiation Therapy	<u>NA</u>
5yr Progression Free Probability Brachytherapy	75 %
	Print

Some models and where they came from

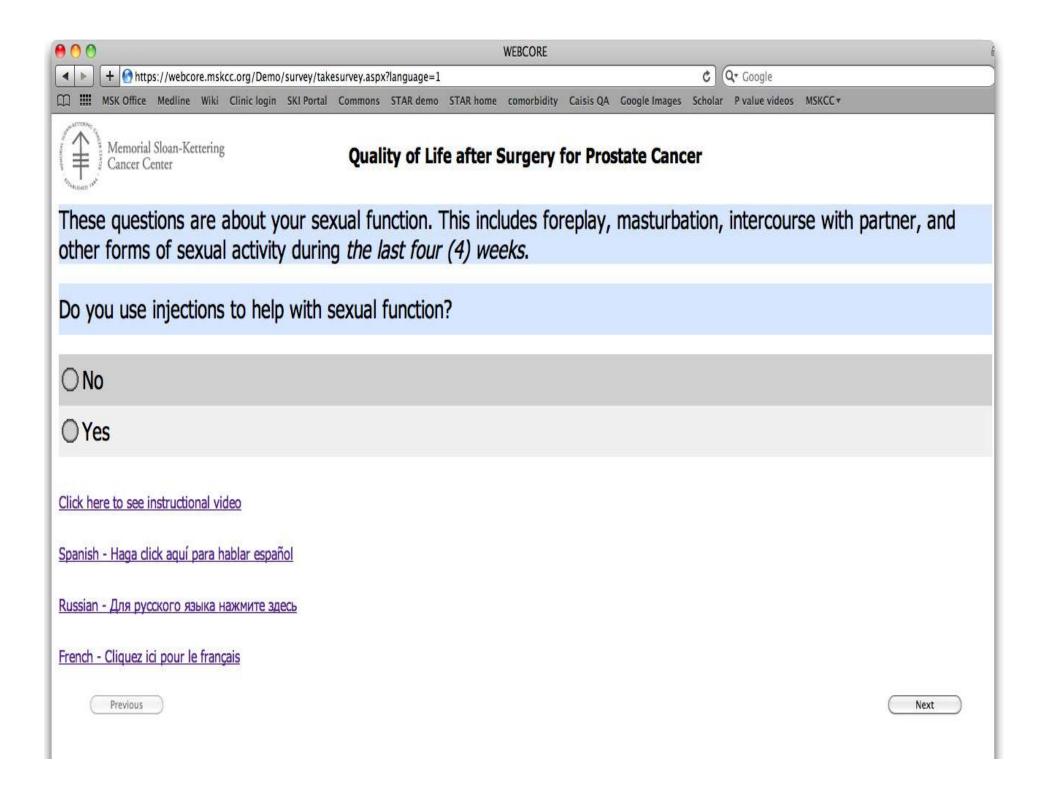
- Kattan nomogram. JNCI 1998
 - Patients treated by Dr Scardino 1983 –1997
- Kattan nomogram update. JNCI 2006
 - Patients treated by Dr Scardino OR Dr Eastham 1983 - 2003

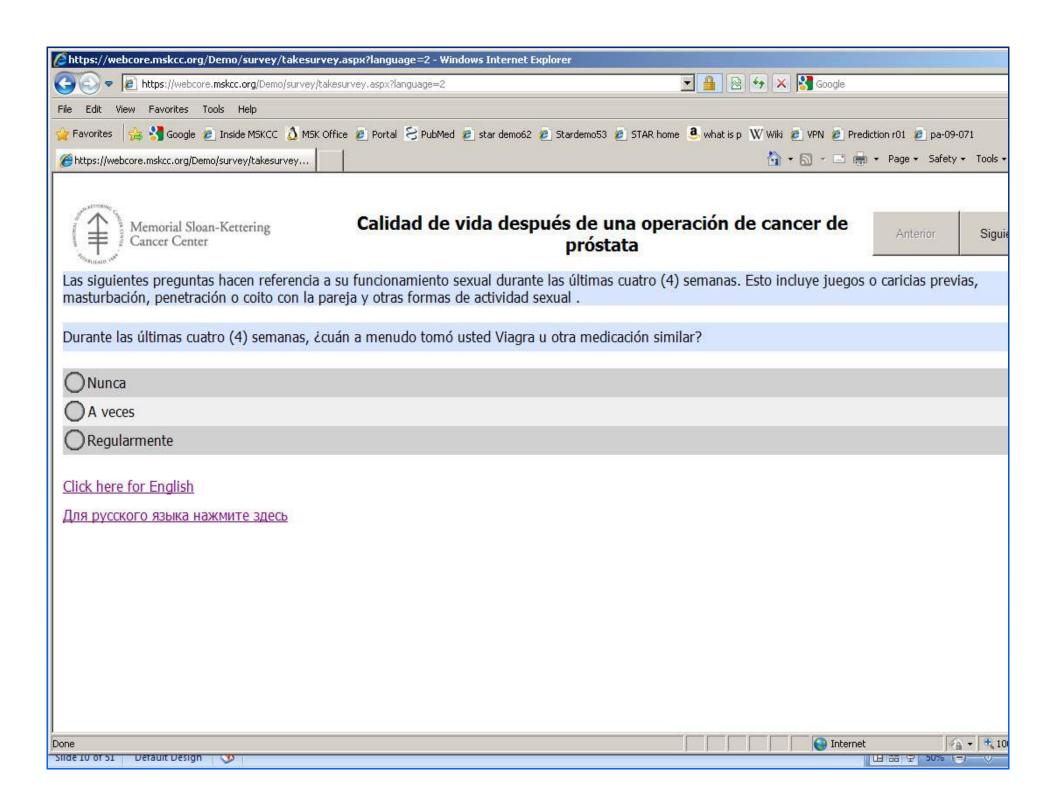
Models and where they came from

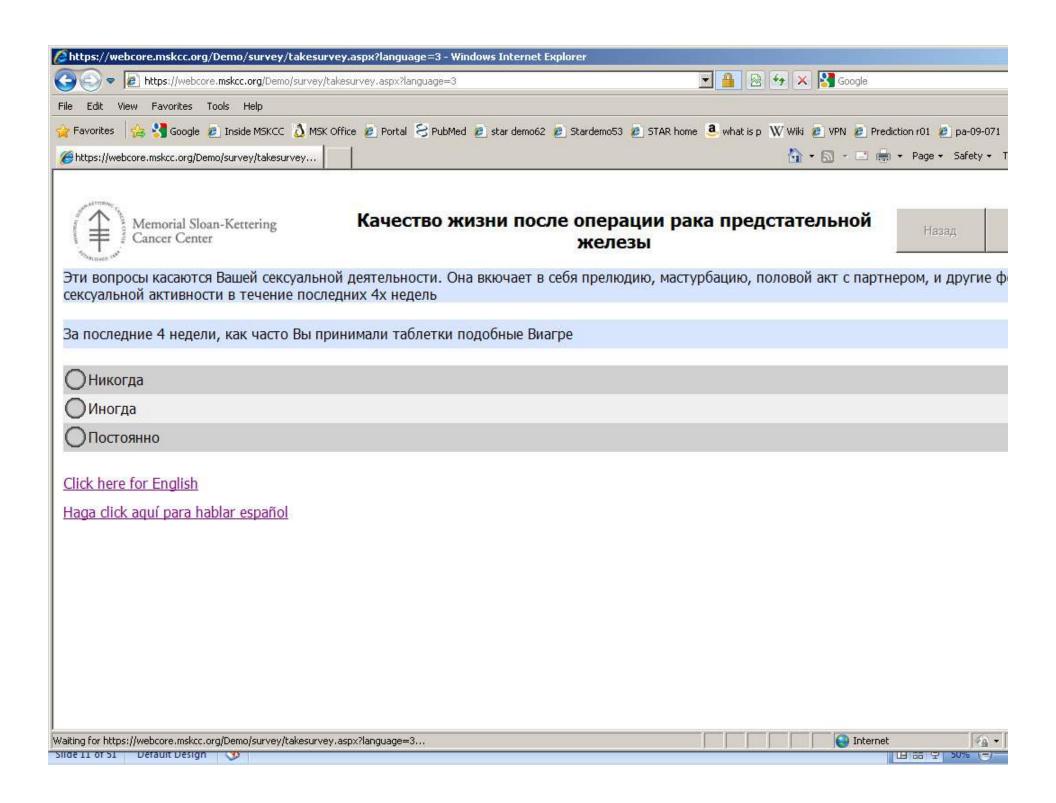
- Montreal nomogram
 - Patients undergoing biopsy for prostate cancer at University of Montreal
- Sunnybrook prostate cancer nomogram
 - Patients undergoing biopsy for prostate cancer at Sunnybrook
- Cleveland clinic prostate cancer nomogram
 - Patients undergoing biopsy for prostate cancer at Cleveland clinic

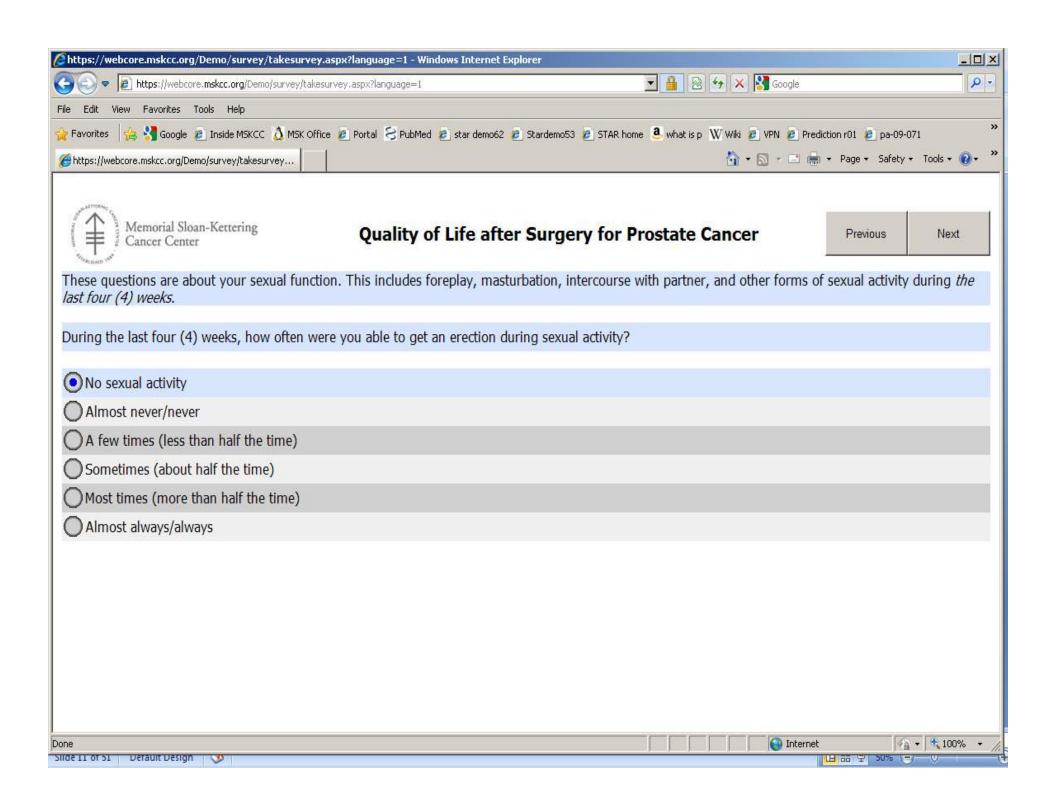
Contemporary prostate cancer care

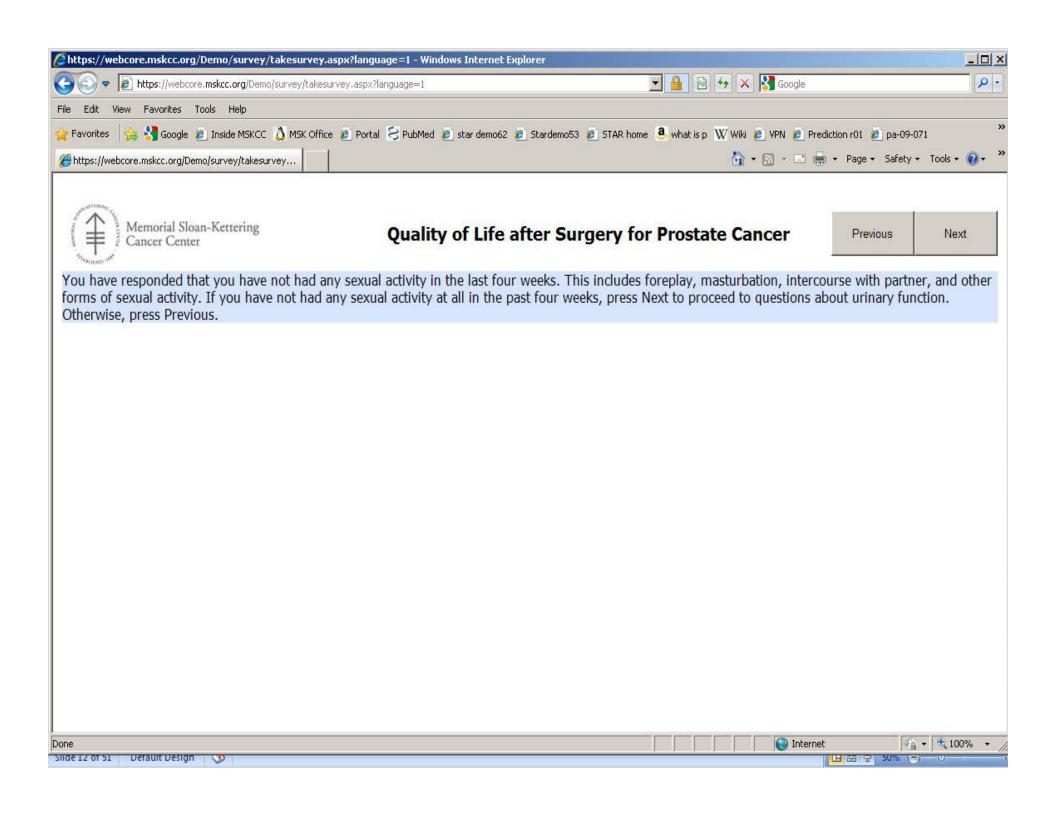
- Too much paper
- Too little interactivity
- Too static
- Too little integration
- Not enough quality assurance

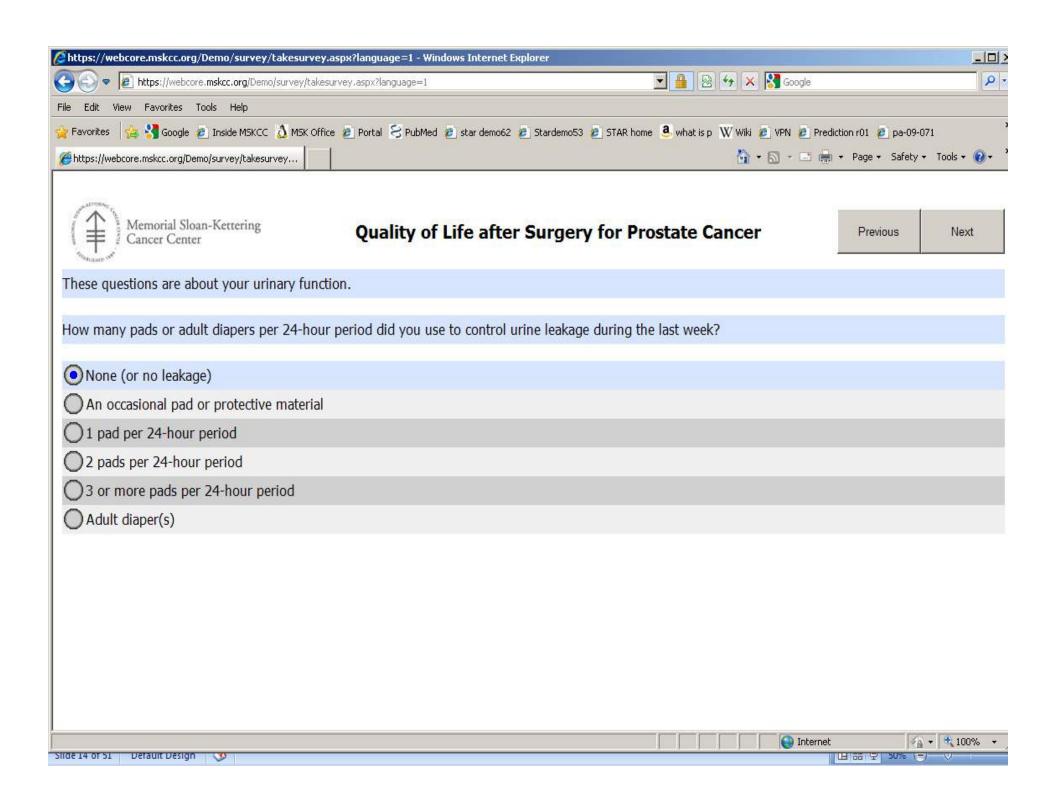


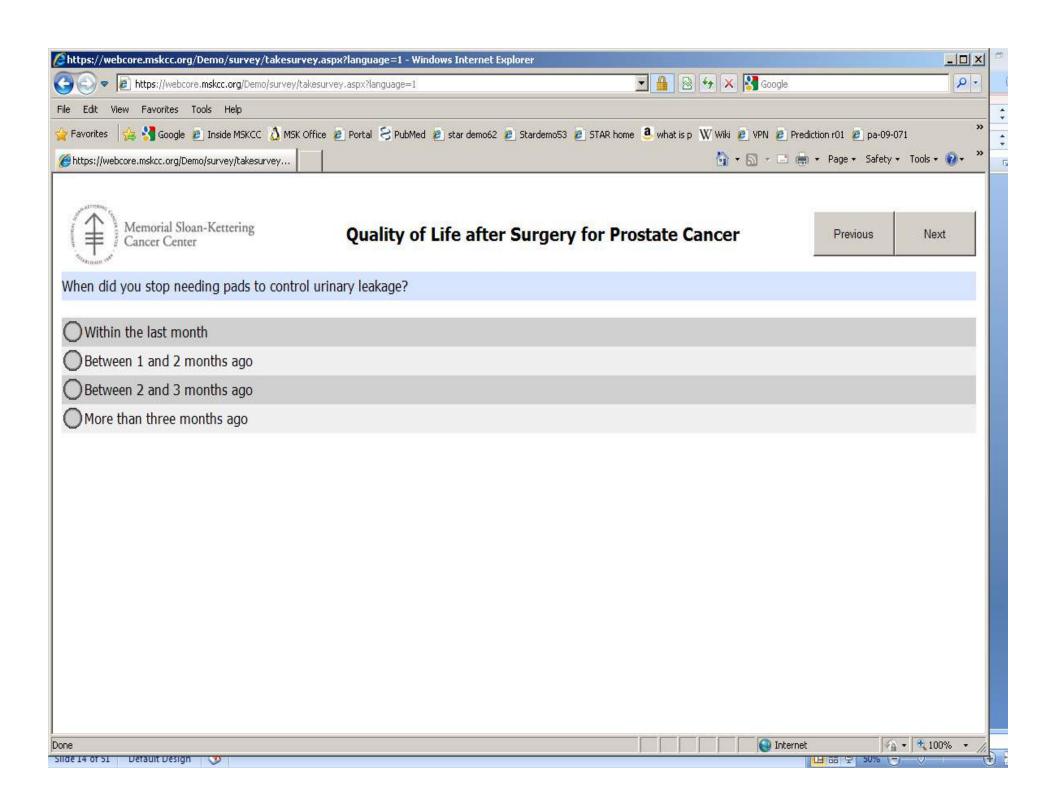


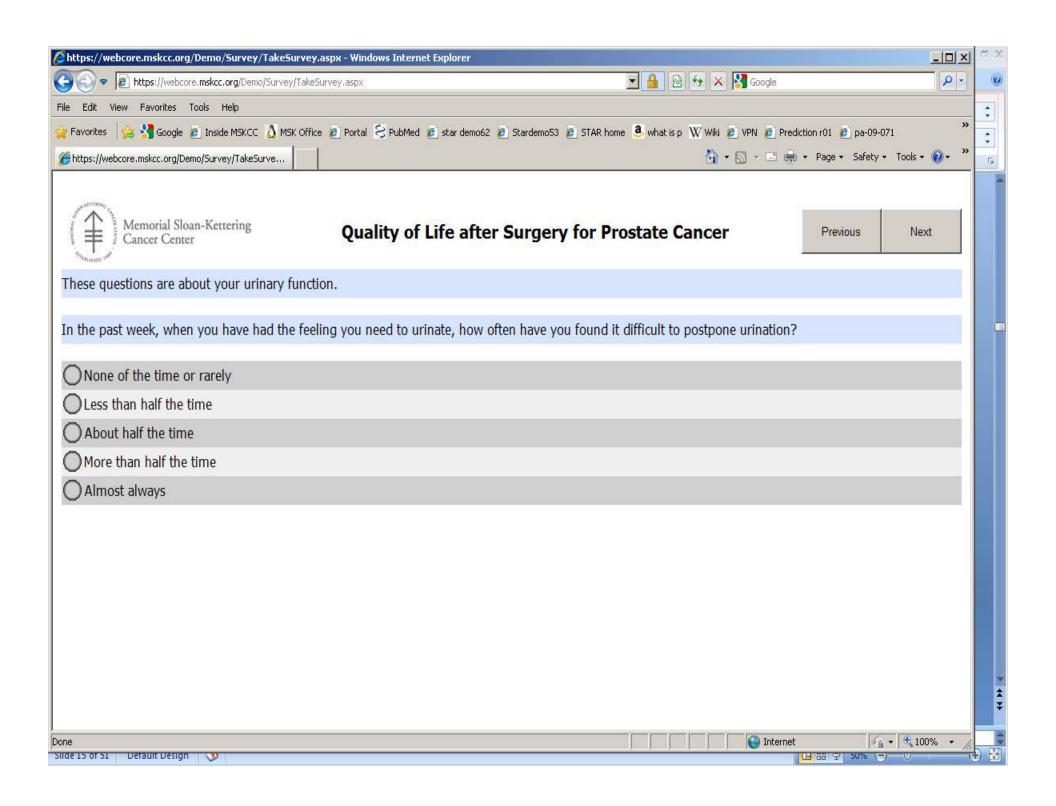


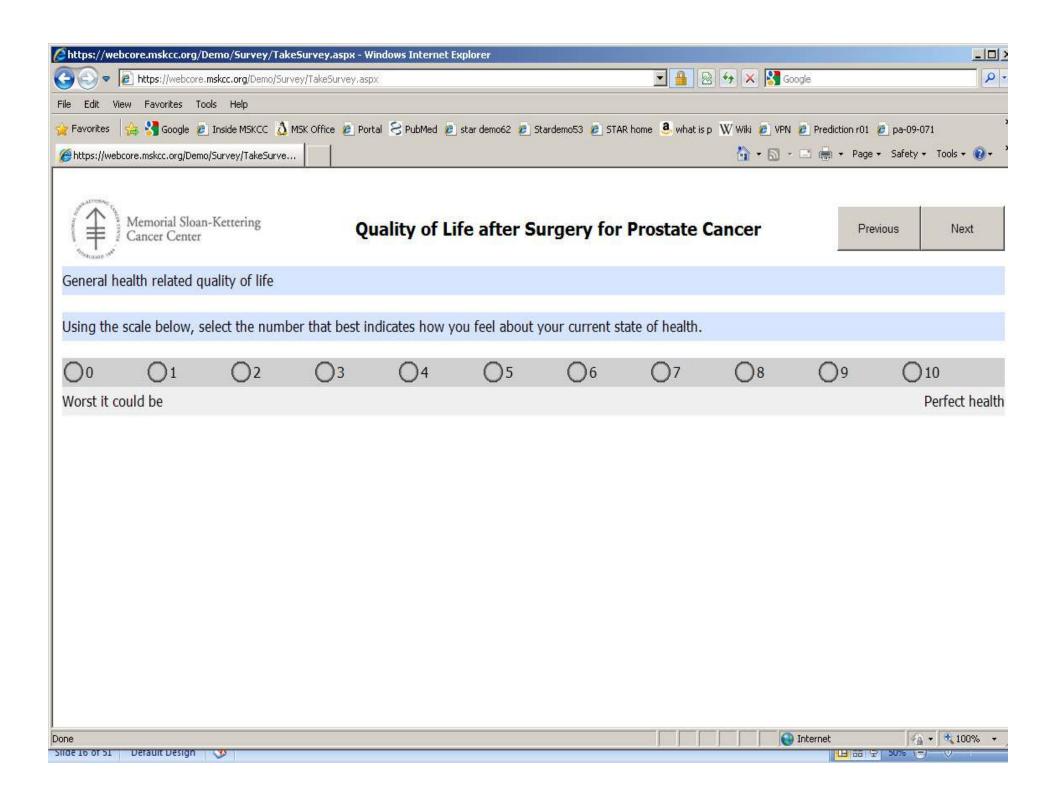


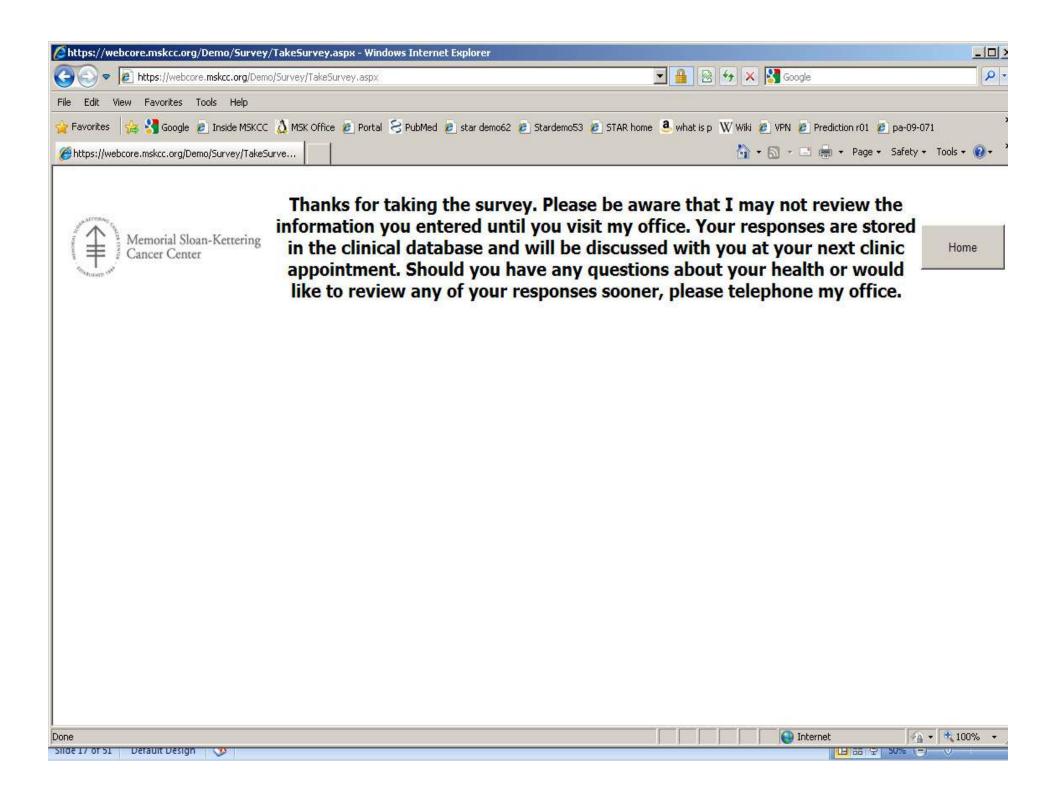


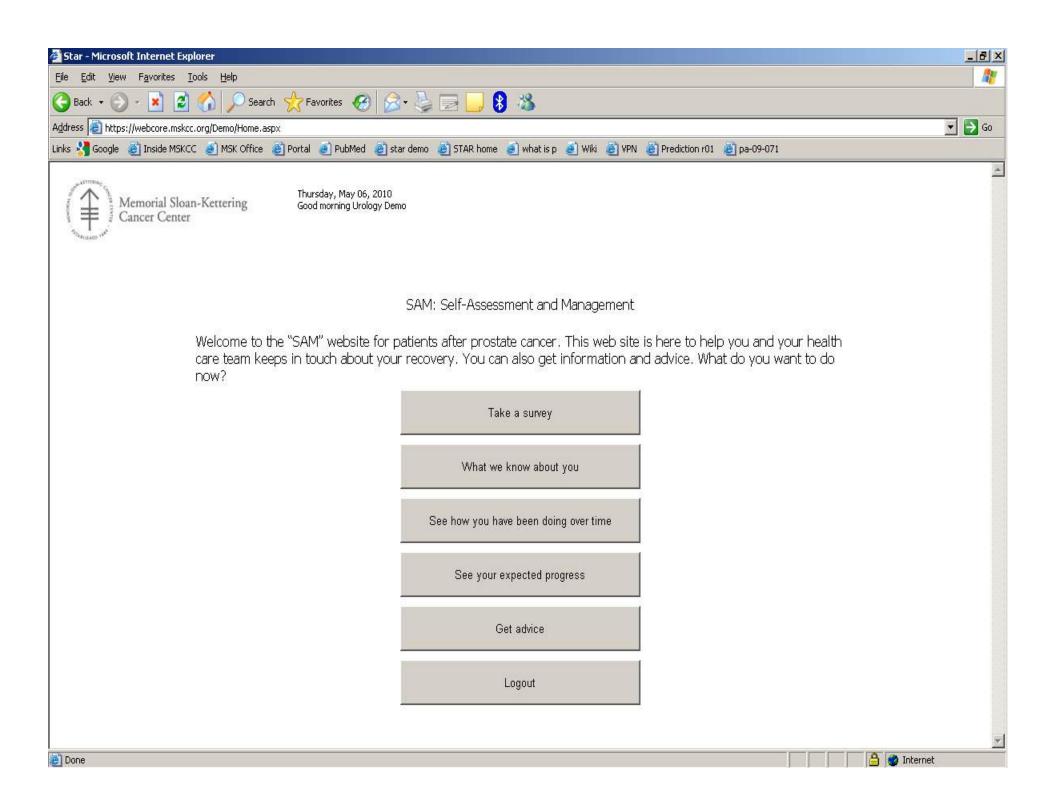


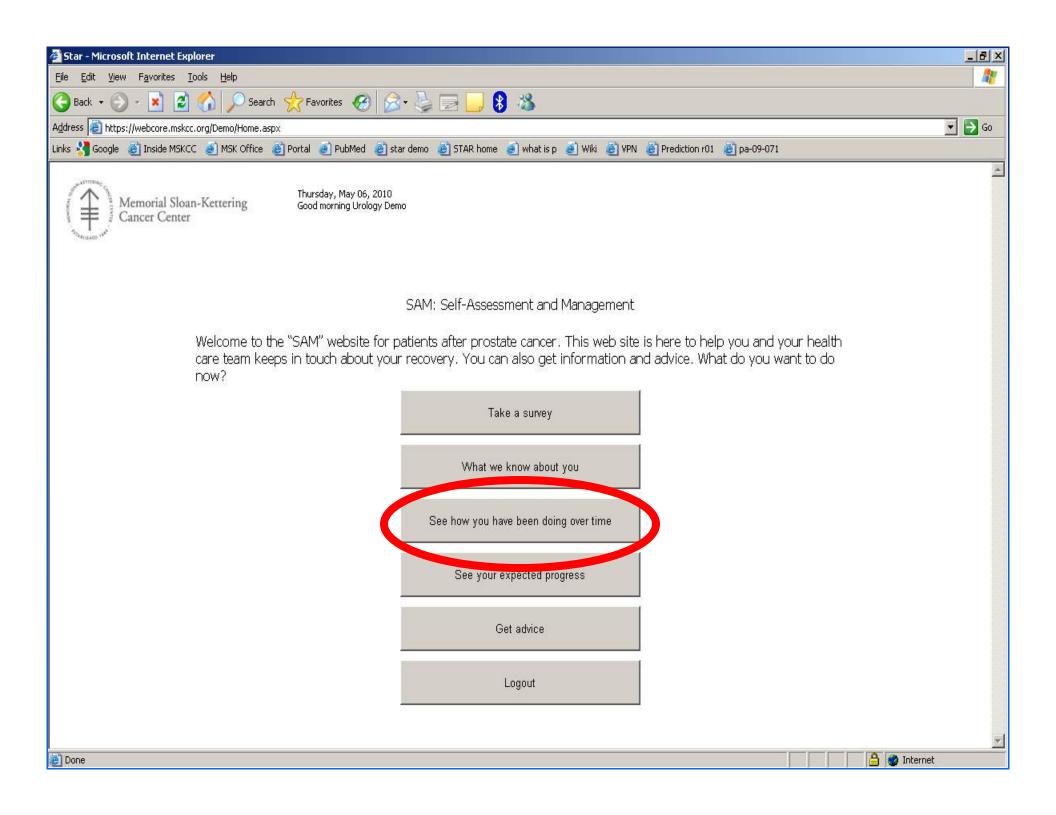


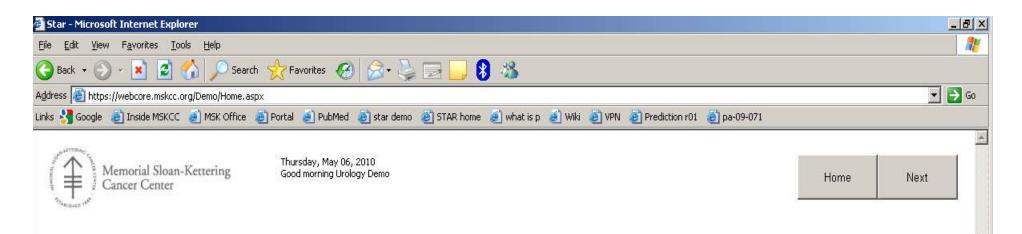






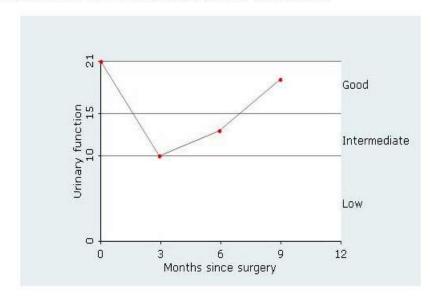


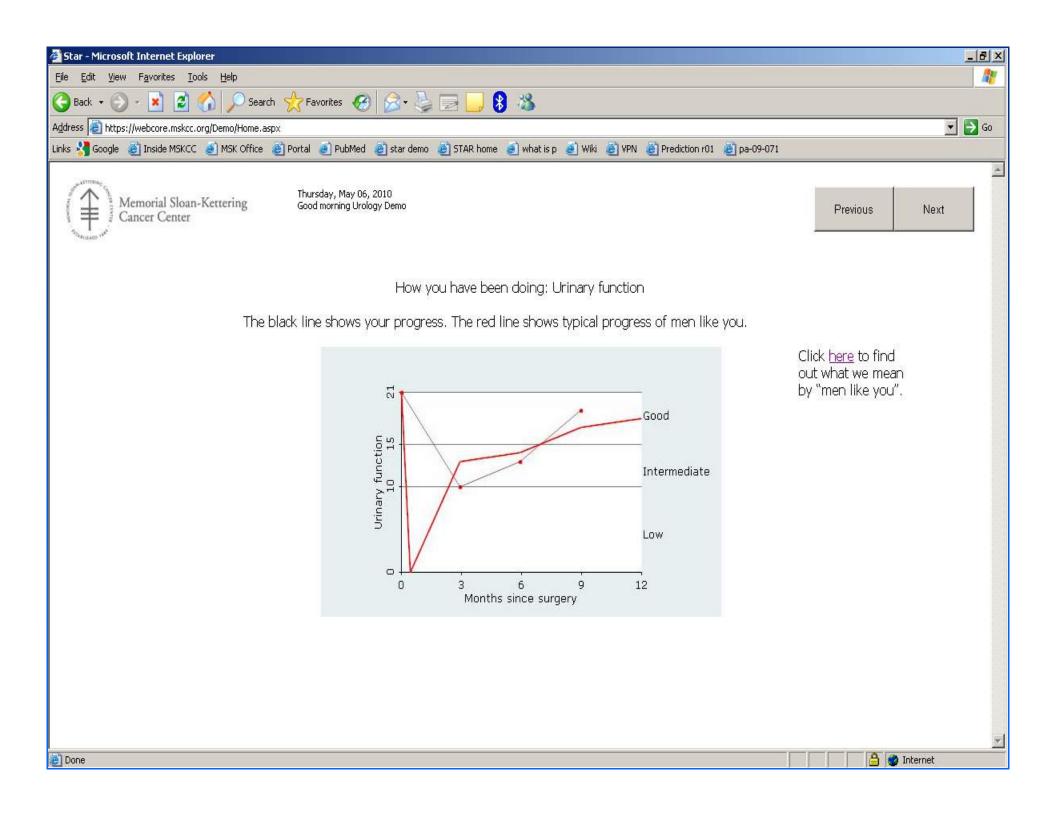


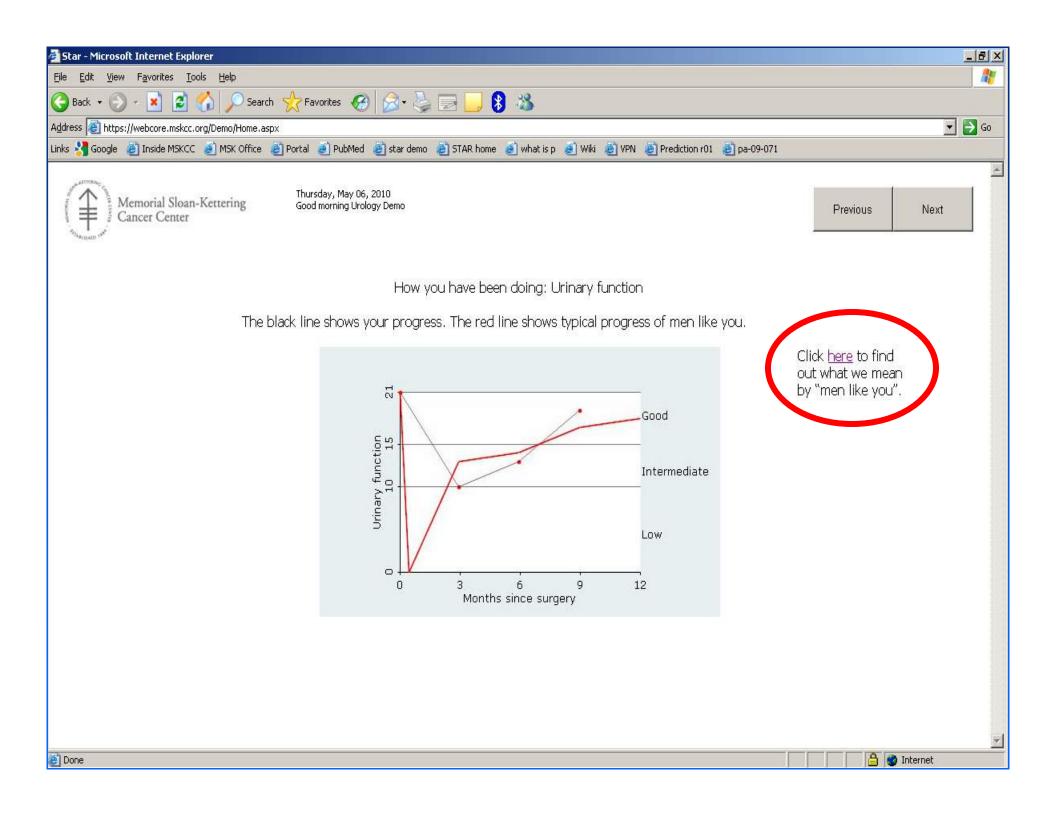


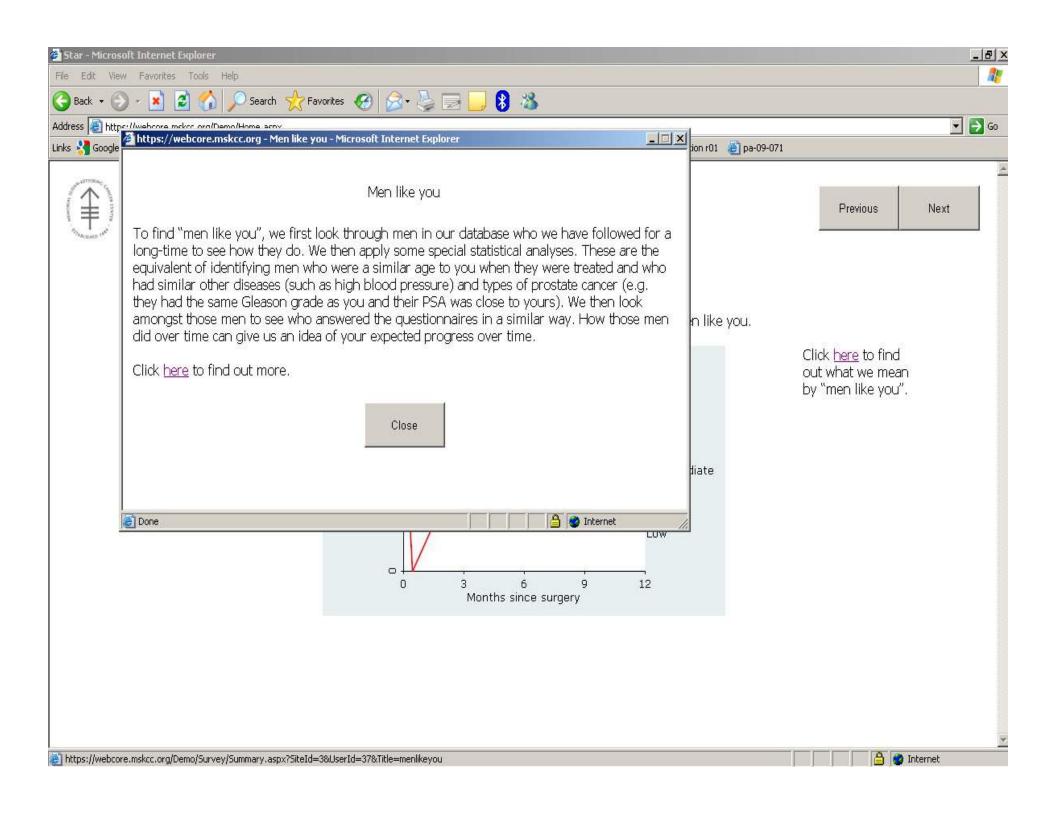
How you have been doing: Urinary function

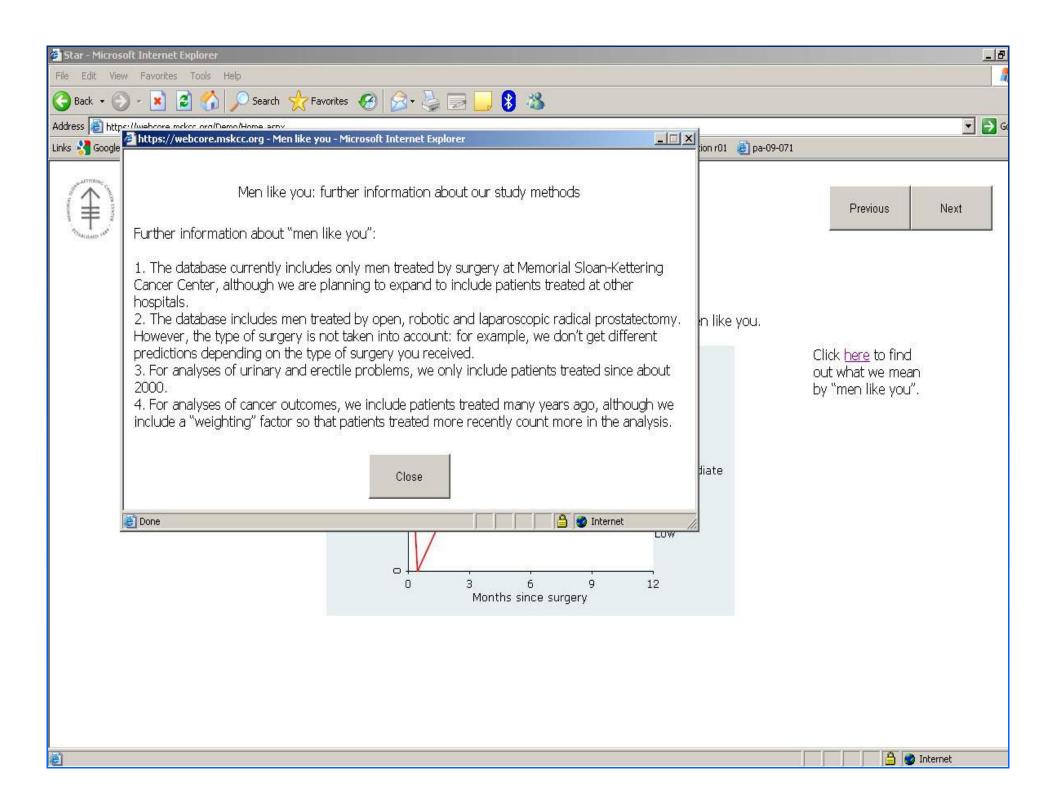
Here is how your urinary function has been since your surgery. The highest score you can get is 21. Click the next button to see the typical progress of men like you.

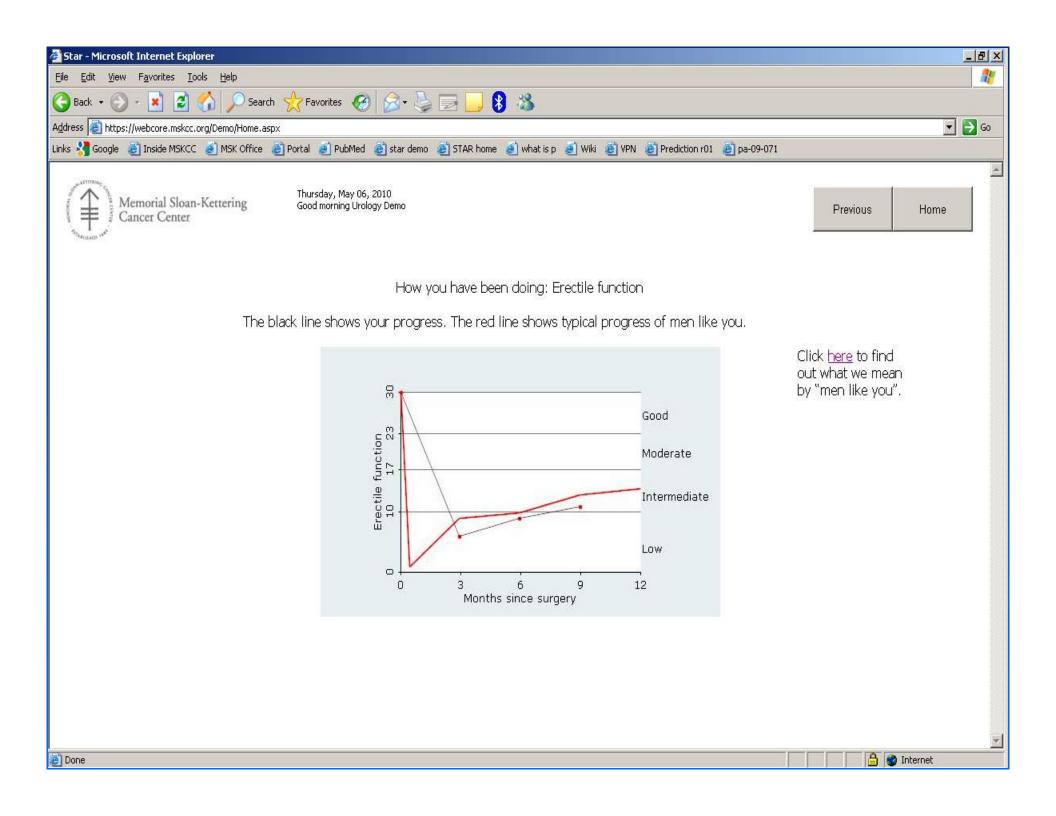


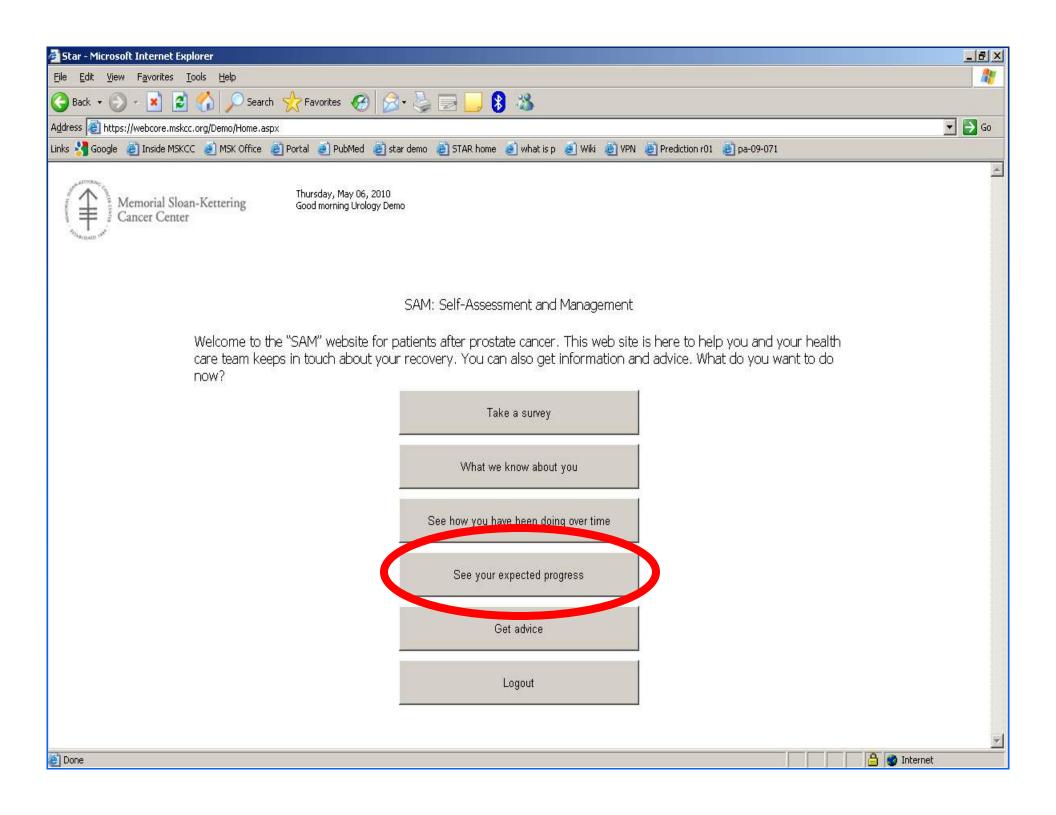


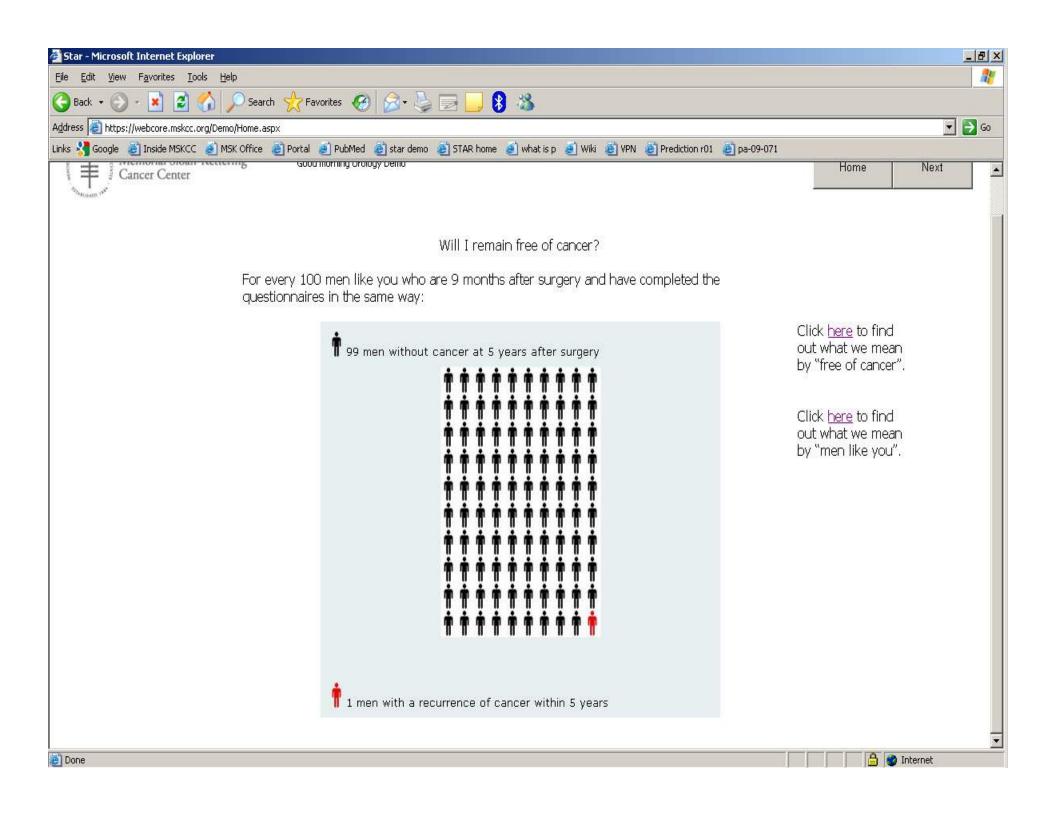


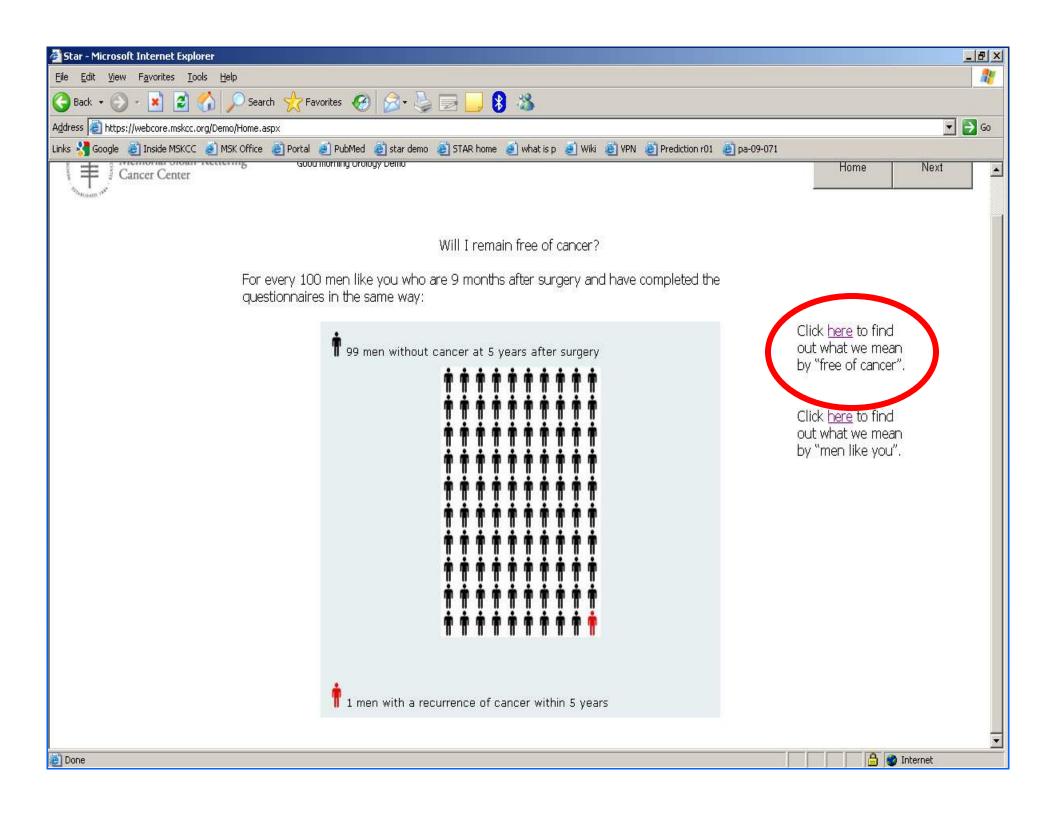


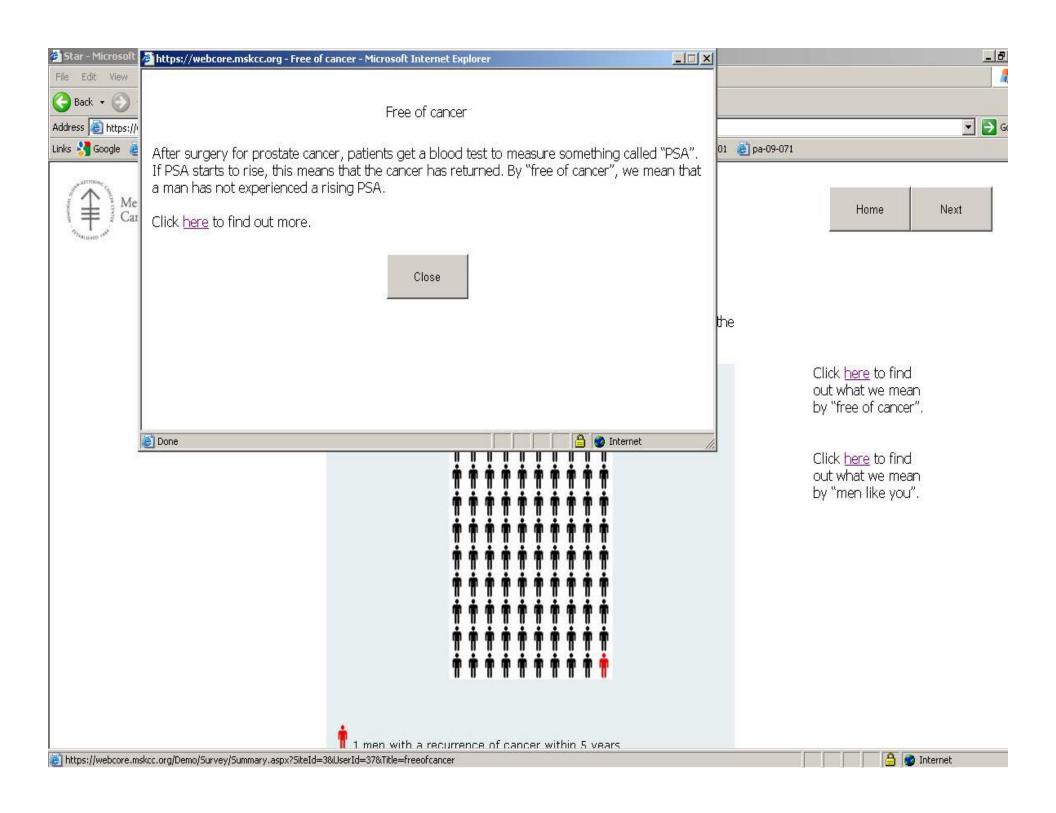


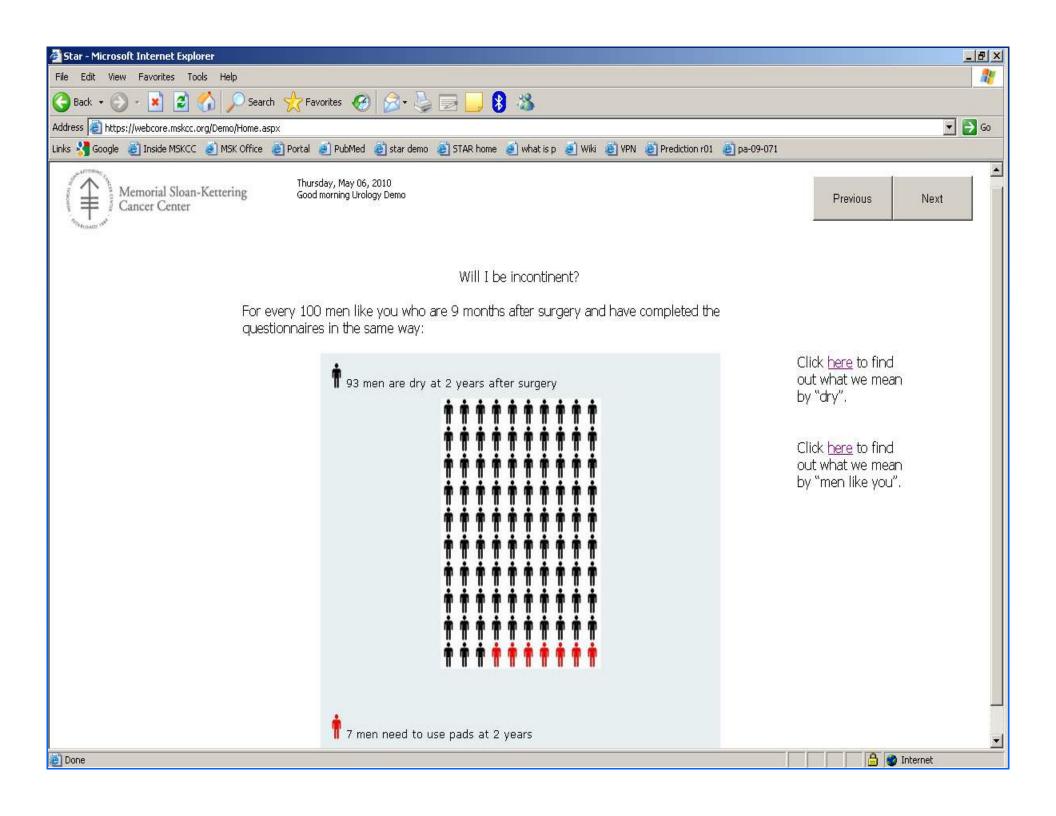


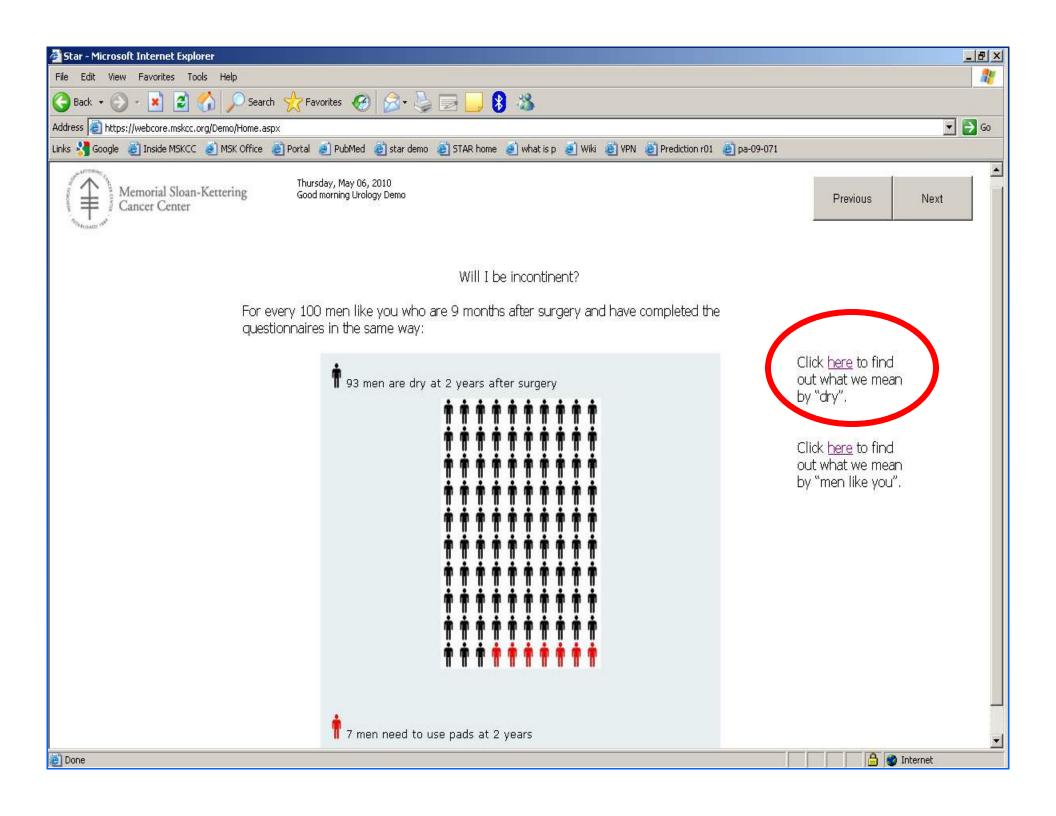


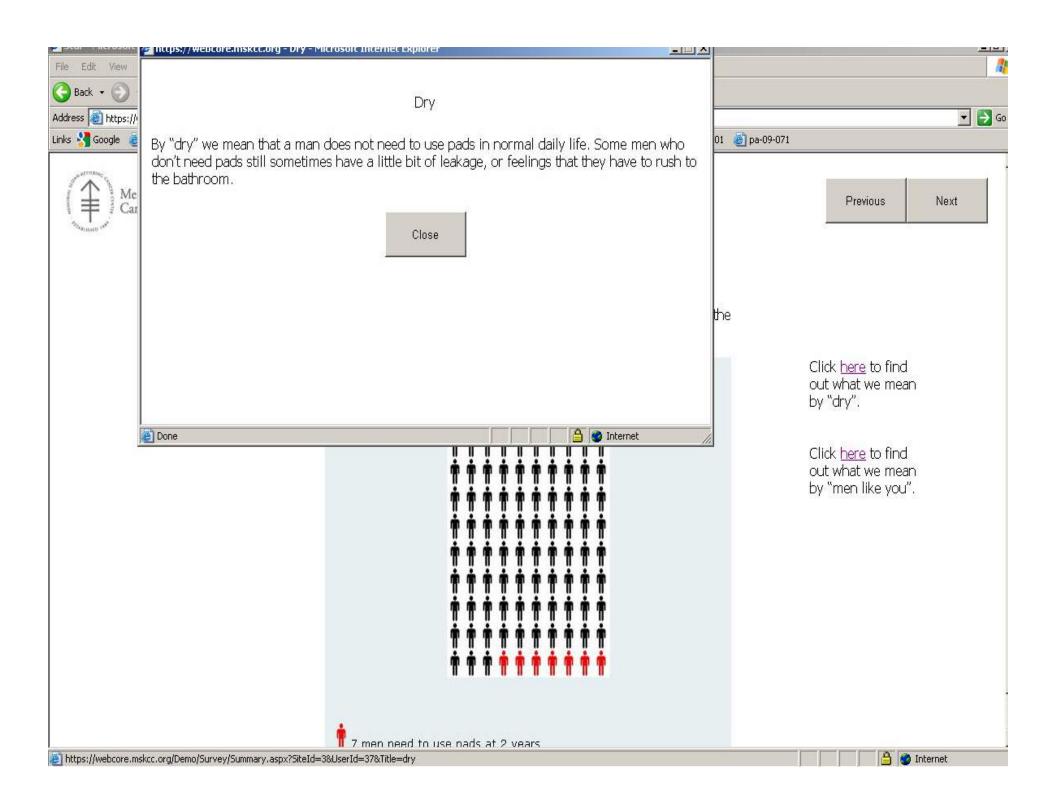


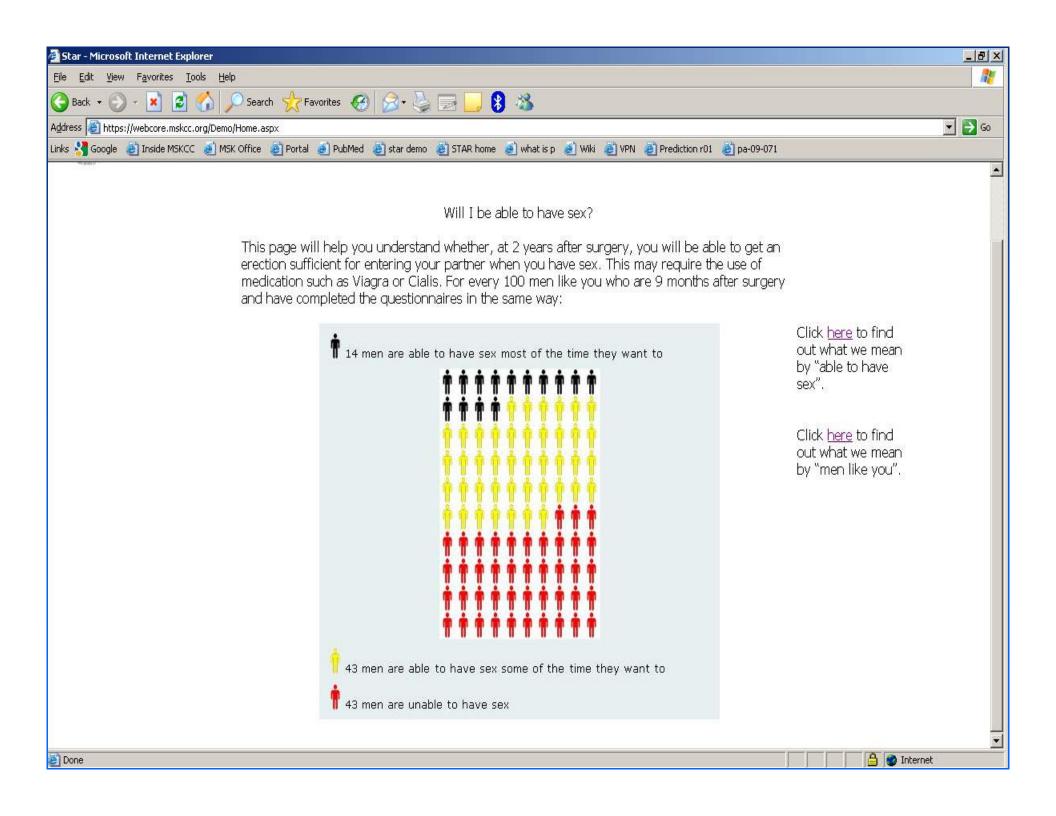


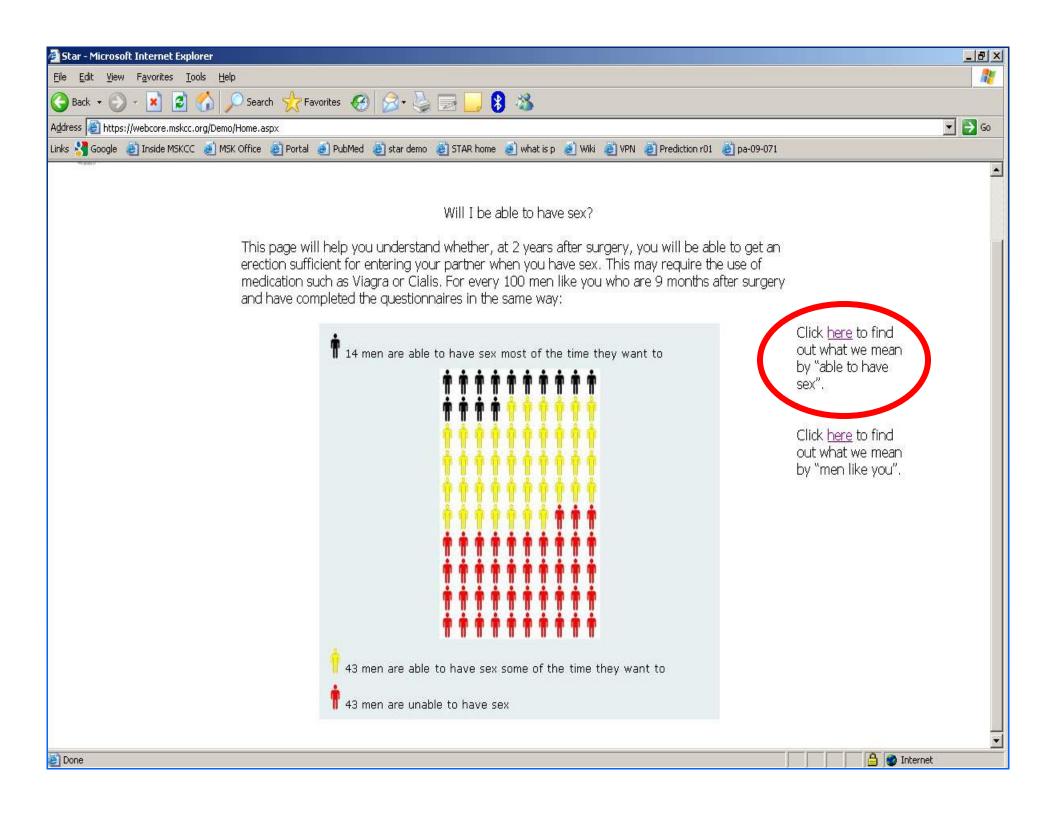


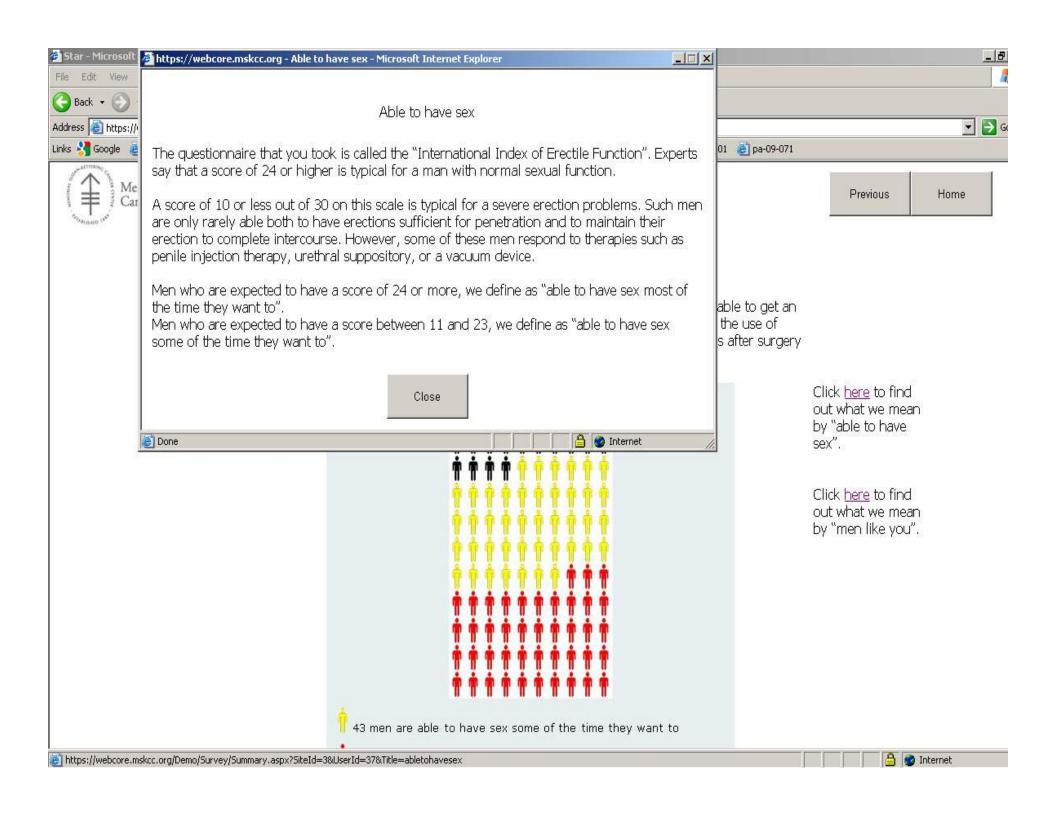


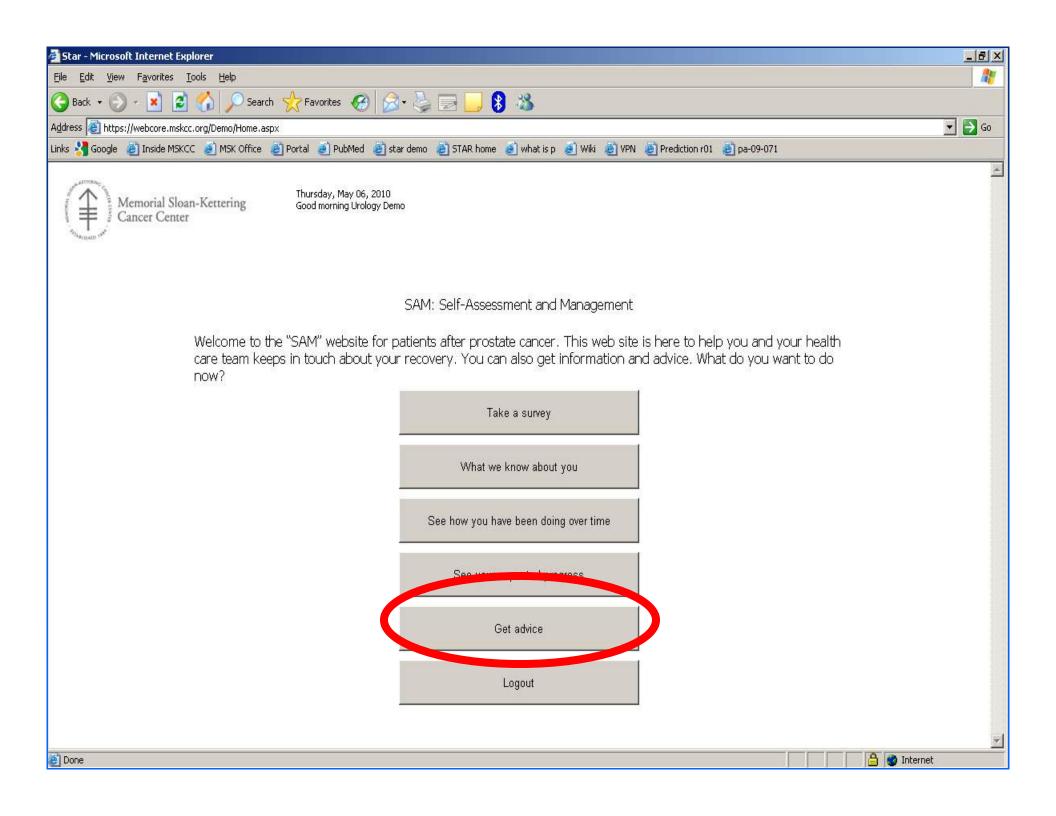






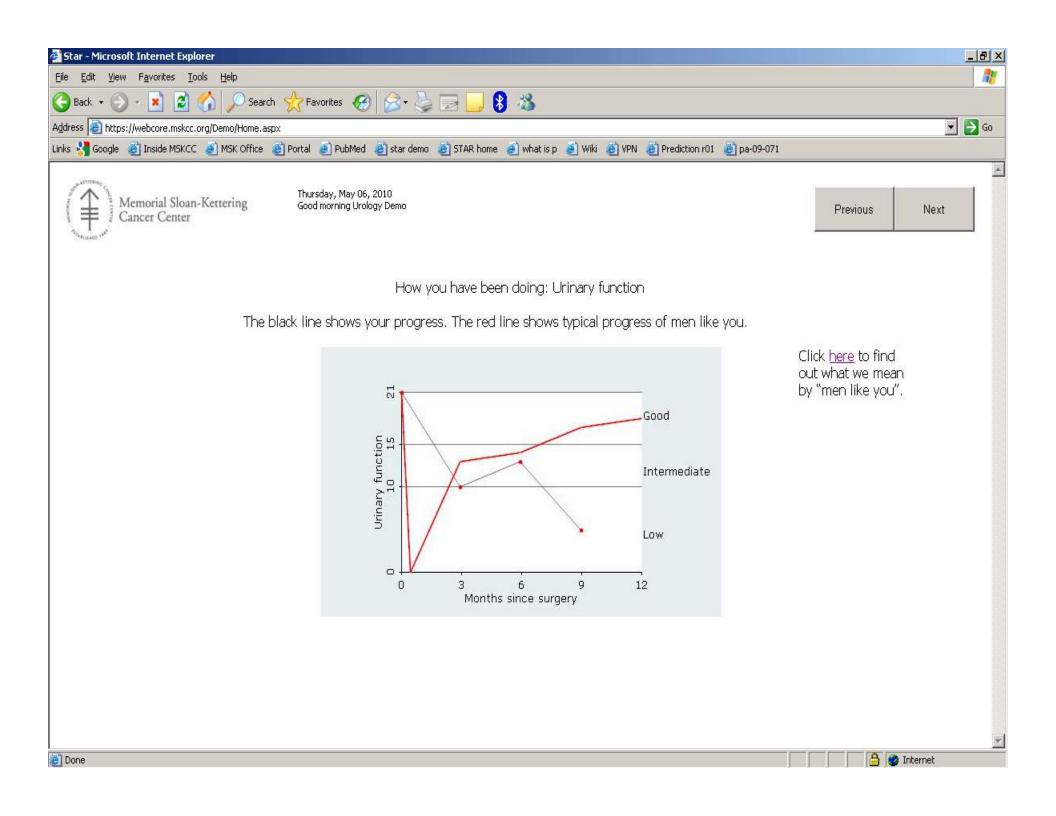






• Your responses to the survey indicate that you are having some difficulty with sexual function.

 To help you with any difficulty getting erections, talk to your urologist about therapies you can try, such as medication (like Viagra, Levitra, or Cialis). If you are already taking medication, talk to your doctor or nurse practitioner about other options, such as penile injection therapy, urethral suppository, or a vacuum device. Remember that it can take up to two years for the nerves that control erections, the cavernous nerves, to recover from the trauma of surgery.



 Your responses to the survey suggest that your urinary function has been declining over time. In some cases, this may indicate a problem that can be treated. See your urologist or a voiding dysfunction specialist to help you with this problem.

- Remember to keep up with your kegel exercises daily.
- There are some other things that you can try
 to help deal with urinary problems. You can
 restrict the amount of fluid you drink. You can
 also limit or avoid caffeine. Caffeine can be
 very irritating to the bladder causing increase
 in leakage. You can use protective pads and
 empty your bladder before drinking alcohol,
 exercising, or engaging in any activity that
 would make it difficult to use the bathroom.

69 years old, 24 months sir Current PSA: <0.05	ce surgery Today's date: Thursday, April 19, 2012	
Pathology Gle	ason 3 + 4 Organ confined PSA Before Surgery: 1.8	
Alerts ∎ Ur	ectile dysfunction. 5 th Alert, 1 st Alert: Wednesday, October 06, 2010, 18.4 montl nary dysfunction > 1 yr after surgery. 2 nd Alert, 1 st Alert: Monday, September 26 onths ago	
Surveys Most	Recent Survey: Friday, April 13, 2012. 1 week ago	
Erectile Function	Actual Expected	
Baseline Physician: 3 Baseline Patient: 23 / 30 (Intermediate) Current: NO erection sufficitor penetration Injections: NO erection sufficient for penetration Current Score: 7 / 30 (Poor 1Yr Prediction from month: 3: N/A, 6: 3%, 9: 1%	ent	ermediate derate
rinary Eupation	Actual Expected	
Urinary Function Baseline Physician: 3 Baseline Patient: 17 / 21 (Good) Current: 1 pad per day Current Score: 18 / 21 (Good) 1Yr Prediction from month:	Herein 16 16 16 16 16 16 16 16 16 16 16 16 16	Good Moderate Poor
3: N/A, 6: 97%, 9: 93%	0 2 4 6 8 10 12 14 16 18 20 22 24 26 Months Since Surgery	

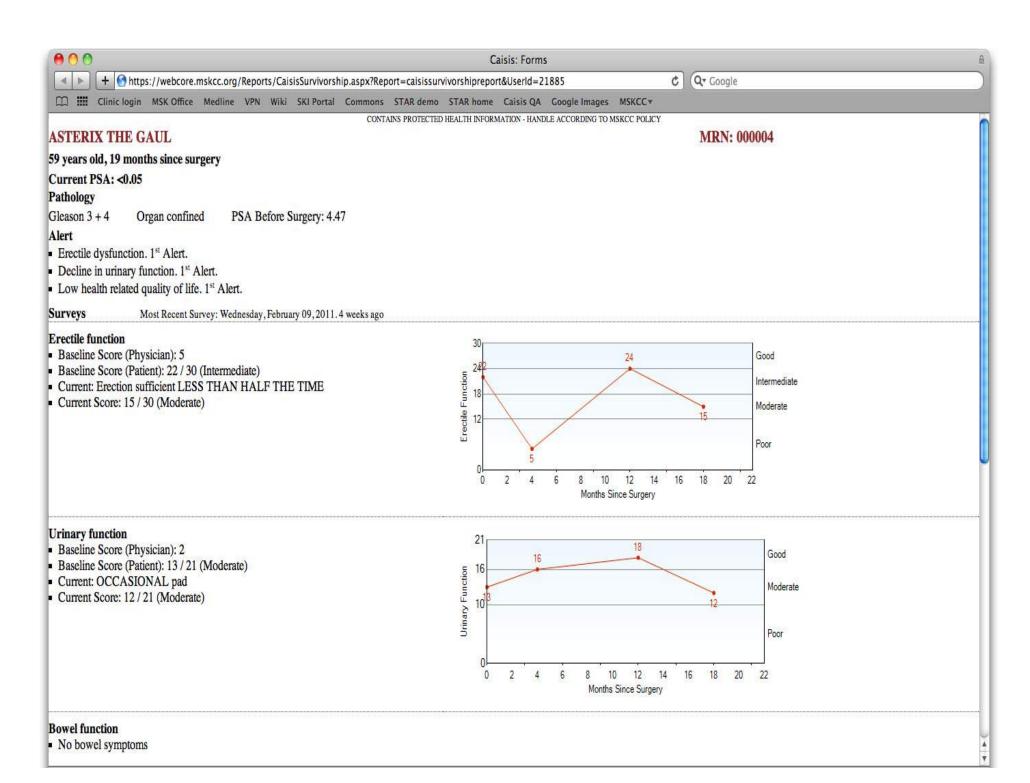
69 years old, 31 months since surgery Today's date: Monday, September 15, 2014 Surgery: RP on 02/18/2012 Current PSA: < 0.1 Pathology Organ confined Gleason 3 + 4 PSA Before Surgery: 5.4 Alerts None Surveys Most Recent Survey: Friday, July 11, 2014. 9 weeks ago **Erectile Function** Actual --- Expected Baseline Physician: 30 Baseline Patient: Good 23 N/A 24 Erectile Function Intermediate Current: Erection 18 sufficient MOST 14 14 Moderate TIMES Injections: None Current Score: 23 / 30 Poor (Intermediate) 1Yr Prediction from month: 3 9 12 15 18 21 24 27 30 0 3: 36%, 6: N/A, 9: Months Since Surgery 15% **Urinary Function** Actual --- Expected 21 Baseline Physician: 17 Good 16 Baseline Patient: Urinary Function N/A Moderate Current: NO pads 10 Current Score: 21 / 21 (Good) Poor 1Yr Prediction from month: 3: 79%, 6: N/A, 9: 0 3 6 9 12 15 18 21 24 27 30 75% Months Since Surgery Bowel Function: No bowel symptoms Quality of Life: Current Score: 10 / 10 PreRP PostRP Current Nomogram Scores 5 Yr 94 5 Yr 90 5 Yr: 95 7 Yr: 91 10 Yr: 86

nogram Scores

reRP	PostRP	Cur	
. Vyr Q <u>I</u>	ς γ _r qn	Ęγ	

Current

7 Yr. 91 - 10 Yr. 80



Memoria Cancer C	l Sloan-Kettering Jenter	Online Check-In				•	
About you	Section 2: Your Medical History						
Medical History	There is no need to tell us about symptoms related to your cancer. If you are unsure about whether to tell us about something, mark it down. We will ask you more when you come in for your appointment.						
Surgeries	Stroke						
Medications	Have you ever had a stroke?			○ Yes	○ No		
Allergies	Asthma						
Current health	Have you ever been diagnosed with asthma?			Yes	ON₀		
Disease Screening	What severity of asthma describes your illnes	ss?					
Family history		ties Moderate = some interference with daily	Severe = major in	npact			
Life style	Approximately how often do you use a rescue inhaler for your asthma?						
Papart	OI rarely use my rescue inhaler	Less than once a week	Once a week				
Report	Multiple times per week	Once a day	Multiple times a da	ау			
	Have you ever been admitted to the intensiv of your asthma?	ve care unit (ICU) or intubated (had a tube inserted	in your throat) because	OYes	⊙ No		
	COPD						
	Do you suffer from "smoker's lung" or have been diagnosed with chronic obstructive pulmonary disease (COPD) or emphysema?						
	Muscoskeletal Pain						
	Have you ever had or been treated for persistent pain in your muscles or bones, such as low back pain or arthritis?						
	Previous Page 6 of 41 Next					•	
Done			■ Internet	-A	→ 95% →	. /	



Comorbidity

LIFE EXPECTANCY AND COMORBIDITIES

Probability that the patient will die of other causes: 24% within 10 years, 39% within 15 years

Patient is 60 years old and has the following comorbidities:

Current Smoker

Patient does not have family history of prostate cancer.

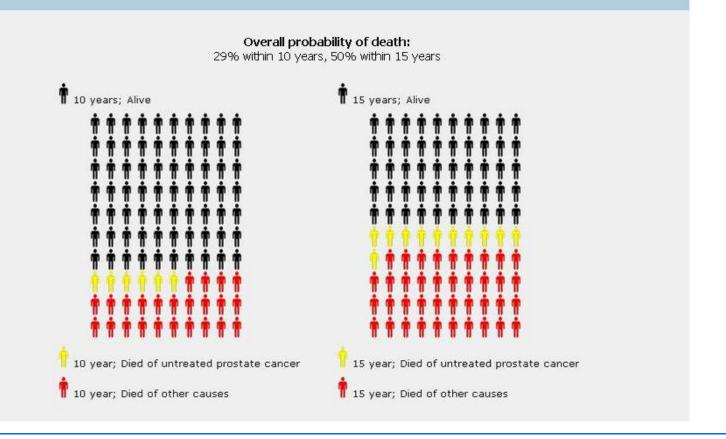
PROSTATE CANCER RISK

Probability that the patient will die of untreated prostate cancer if he does not die of other causes: 8% within 10 years, 16% within 15 years

Age: 60PSA: 6Grade: 4+3T-Stage: T1C

Probability that the patient will die of prostate cancer, taking into account age and co-morbidity:

6% within 10 years, 11% within 15 years



Clinician Information

Robert Blade, M.D. Urology Associates 1234 Medical Arts Dr. Anytown, MN 37180 Phone: (808) 677-0000 Fax: (808) 677-0000



FINAL REPORT

Patient Information

Name: John Doe

Gender: N

Chart No: 87485524 DOB: 04/30/1938 Accession #: FKS-000001 Collected: 05/01/2014 Received: 05/02/2014

Clinical & Specimen Information

Prior Biopsy: Yes Age: 76 DRE: Neg.

Received: Whole blood in K, EDTA

Total PSA and Free PSA Results

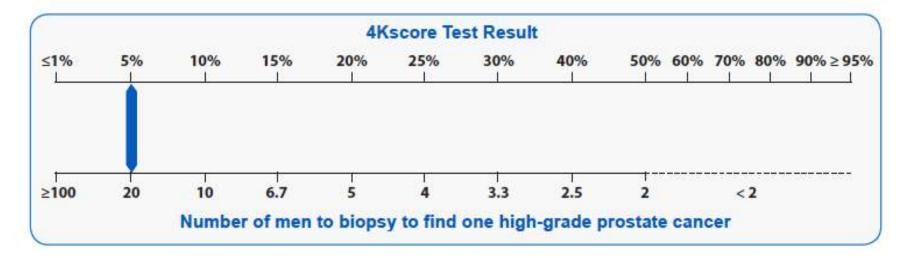
Total PSA: 6.23 (Reference Range 0.0 – 4.0 ng/mL)

F/T PSA Ratio: 21% (Reference Range > 25%)

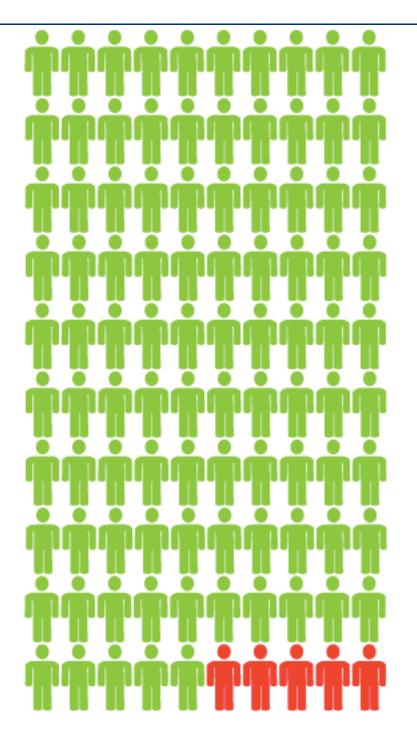
4Kscore Test Result & Interpretation

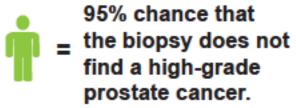
The patient's **4Kscore Test** result is 5%

At a **4Kscore Test** result of 5%, about 1 in 20 men biopsied would have high-grade prostate cancer.



The 4Kscore Test result is a personal risk of a high-grade prostate cancer of Gleason score 7 or higher on prostate biopsy. Other clinical information along with the 4Kscore Test result should be considered in the discussion between the urologist and the patient in the process of making the most informed decision about undergoing biopsy.





= 5% chance that the biopsy finds a high-grade prostate cancer.

