F505: Urodynamic Data, version 04/06/09 (B)

UITN ValUE

SECTION A: GENERAL STUDY INFORMATION FOR OFFICE USE ONLY

A1. Study ID#: LABEL **A2.** Visit # UDS ..... VUDS

A3. Date Form Completed: ___ ___ / ___ ___ / ___ ___ ___ ___ (Month / Day / Year) **A4.** Initials of Certified Surgeon Investigator: ___ ___ ___

A5. Date of UDS: ___ ___ / ___ ___ / ___ ___ ___ ___ (Month / Day / Year)

Analysis Variable : rando_dt_uds_d								
N	N Miss	Mean	SD	Minimum	Lower Quartile	Median	Upper Quartile	Maximum
307	323	-12.5	26.1	-294.0	-18.0	-7.0	0.0	180.0

For the completion of this form, the terminology, whenever possible, conforms to the ICS Standardization of Terminology in Lower Urinary Tract Function (Urology 61: 37-49, 2003) Please refer to that document for any clarification, questions, or definition of terms.

SECTION B: FREE UROFLOWMETRY RESULTS

B1. Pattern: Continuous, smooth 1

Continuous, fluctuating..... 2

Intermittent 3

NIF_PATTERN	Frequency	Percent	Cum Freq	Cum Percent
.	347	.	.	.
1: Continuous, smooth	172	60.78	172	60.78
2: Continuous, fluctuating	83	29.33	255	90.11
3: Intermittent	28	9.89	283	100.00

Frequency Missing = 347

B2. Q max: ____ ____ mL/sec

Analysis Variable : max_fl_nif								
N	N Miss	Mean	SD	Minimum	Lower Quartile	Median	Upper Quartile	Maximum
284	346	23.5	12.0	3.0	15.0	21.0	30.0	78.0

B3. Voided Volume: ____ ____ ____ ____ mL

Analysis Variable : void_vol_nif								
N	N Miss	Mean	SD	Minimum	Lower Quartile	Median	Upper Quartile	Maximum
288	342	234.1	156.3	6.0	117.0	206.5	316.0	866.0

B4. PVR: ____ ____ ____ mL

Analysis Variable : pvr_nif								
N	N Miss	Mean	SD	Minimum	Lower Quartile	Median	Upper Quartile	Maximum
289	341	22.5	33.0	0.0	5.0	10.0	30.0	275.0

voil_vol_150	Frequency	Percent	Cum Freq	Cum Percent
.	323	.	.	.
1:Yes	193	62.87	193	62.87
2:No	114	37.13	307	100.00

Frequency Missing = 323

SECTION C: FILLING CYSTOMETRY

C1. Type of catheter and pressure measuring system:

External water transducers 1

Catheter tip microtransducer 2

Air-charged catheter 3

typ_catheter	Frequency	Percent	Cum Freq	Cum Percent
.	323	.	.	.
1:External water transducers	155	50.49	155	50.49
2:Catheter tip microtransducer	65	21.17	220	71.66
3:Air-charged catheter	87	28.34	307	100.00

Frequency Missing = 323

C2. Bladder catheter diameter: ____ ____ Fr

dia_catheter_cat	Frequency	Percent	Cum Freq	Cum Percent
.	323	.	.	.
1:Between 4-6	44	14.33	44	14.33
2:7	166	54.07	210	68.40
3:8	97	31.60	307	100.00

Frequency Missing = 323

C3. Zeroed to atmosphere? Yes 1

No 2

atm_catheter	Frequency	Percent	Cum Freq	Cum Percent
.	323	.	.	.
1:Yes	291	94.79	291	94.79
2:No	16	5.21	307	100.00

Frequency Missing = 323

C4. Position: Standing 1

Sitting 2

Supine 3

REMINDER: Supine filling cystometry is discouraged unless patient is physically disabled.

re_position_cat	Frequency	Percent	Cum Freq	Cum Percent
.	323	.	.	.
1:Standing	115	37.46	115	37.46
2:Sitting/3:Supine	192	62.54	307	100.00

Frequency Missing = 323

SECTION D: FILLING PHASE DIAGNOSES

D1. Sensory status for this patient:

Normal bladder sensation 1

Abnormal bladder sensation (increased bladder sensation, reduced but present sensation, absent bladder sensation, altered bladder sensation)..... 2

stat_sensory	Frequency	Percent	Cum Freq	Cum Percent
.	323	.	.	.
1:Normal bladder sensation	261	85.02	261	85.02
2:Abnormal bladder sensation	46	14.98	307	100.00

Frequency Missing = 323

D2. Maximum Cystometric Capacity: ____ ____ ____ mL

Analysis Variable : cystomet_max								
N	N Miss	Mean	SD	Minimum	Lower Quartile	Median	Upper Quartile	Maximum
307	323	381.9	136.8	1.0	300.0	370.0	450.0	999.0

SECTION E: DETRUSOR FUNCTION DURING FILLING CYSTOMETRY

E1. Detrusor function during filling cystometry is: Normal ..... 1➔ **SKIP TO E3**

Detrusor overactivity 2

Indeterminable ..... 3➔ **SKIP TO E3**

DETRUS_FUNC	Frequency	Percent	Cum Freq	Cum Percent
.	323	.	.	.
1: Normal	273	88.93	273	88.93
2: Detrusor overactivity	32	10.42	305	99.35
3: Indeterminable	2	0.65	307	100.00

Frequency Missing = 323

E2. If detrusor overactivity, specify "Yes" or "No" for each:

	Yes	No
i. Spontaneous detrusor overactivity without incontinence?	1	2

DETRUS_SP_WO	Frequency	Percent	Cum Freq	Cum Percent
.	599	.	.	.
1:Yes	15	48.39	15	48.39
2:No	16	51.61	31	100.00

Frequency Missing = 599

ii. Spontaneous detrusor overactivity with incontinence?	1	2

DETRUS_SP_WI	Frequency	Percent	Cum Freq	Cum Percent
.	599	.	.	.
1:Yes	15	48.39	15	48.39
2:No	16	51.61	31	100.00

Frequency Missing = 599

iii. Provoked detrusor overactivity without incontinence? 1 2

DETRUS_PR_WO	Frequency	Percent	Cum Freq	Cum Percent
.	599	.	.	.
1:Yes	3	9.68	3	9.68
2:No	28	90.32	31	100.00

Frequency Missing = 599

iv. Provoked detrusor overactivity with incontinence? 1 2

DETRUS_PR_WI	Frequency	Percent	Cum Freq	Cum Percent
.	599	.	.	.
1:Yes	6	19.35	6	19.35
2:No	25	80.65	31	100.00

Frequency Missing = 599

v. Unsure or cannot be determined? 1 ⬇ **SKIP TO E3** 2

DETRUS_OV_UN	Frequency	Percent	Cum Freq	Cum Percent
.	599	.	.	.
2:No	31	100.00	31	100.00

Frequency Missing = 599

	Yes	No
E2a. Phasic detrusor overactivity?	1	2

phas_detrus	Frequency	Percent	Cum Freq	Cum Percent
.	598	.	.	.
1:Yes	25	78.13	25	78.13
2:No	7	21.88	32	100.00

Frequency Missing = 598

E2b. Terminal detrusor overactivity?	1	2

term_detrus	Frequency	Percent	Cum Freq	Cum Percent
.	598	.	.	.
1:Yes	8	25.00	8	25.00
2:No	24	75.00	32	100.00

Frequency Missing = 598

E2c. Unsure or cannot be determined?	1	2

unsur_detrus	Frequency	Percent	Cum Freq	Cum Percent
.	598	.	.	.
1:Yes	1	3.13	1	3.13
2:No	31	96.88	32	100.00

Frequency Missing = 598

E3. Bladder Compliance: Normal..... 1

Abnormal..... 2

BLADDER_COMP	Frequency	Percent	Cum Freq	Cum Percent
.	323	.	.	.
1: Normal	303	98.70	303	98.70
2: Abnormal	4	1.30	307	100.00

Frequency Missing = 323

SECTION F: URETHRAL CLOSURE MECHANISM

F1. Urodynamic stress incontinence (USI)? Yes 1

No..... 2 ➔ **SKIP TO F2**

USI	Frequency	Percent	Cum Freq	Cum Percent
.	323	.	.	.
1:Yes	298	97.07	298	97.07
2:No	9	2.93	307	100.00

Frequency Missing = 323

F1a. Leaked with Valsalva? Yes 1

No ..... 2 ➔ **SKIP TO F1b**

Unsure/Indeterminable/Not tested..... 3 ➔ **SKIP TO F1b**

VAL_LEAK_cat	Frequency	Percent	Cum Freq	Cum Percent
.	323	.	.	.
1:Yes	260	84.69	260	84.69
2:No/Uncertain/Missing	47	15.31	307	100.00

Frequency Missing = 323

ai. At what volume? ____ ____ ____ mL

Analysis Variable : volume_lpp								
N	N Miss	Mean	SD	Minimum	Lower Quartile	Median	Upper Quartile	Maximum
260	370	253.9	100.0	64.0	200.0	202.0	300.0	850.0

aii. VLPP (avg) (Pves): ____ ____ ____ cm H_2O

Analysis Variable : vlpp_leak1								
N	N Miss	Mean	SD	Minimum	Lower Quartile	Median	Upper Quartile	Maximum
259	371	109.9	42.0	20.0	77.0	106.0	135.0	257.0

aiii. Select measurement method used to record VLPP data above:

Absolute Measure (measured from atmospheric baseline) 1

Relative Measure (Delta measure or incremental increase of VLPP value above bladder baseline) 2

MEAS_METHOD	Frequency	Percent	Cum Freq	Cum Percent
.	370	.	.	.
1: Absolute Measure (measured fr	199	76.54	199	76.54
2: Relative Measure (Delta measu	61	23.46	260	100.00

Frequency Missing = 370

F1b. Leaked with cough? Yes 1

No 2

Unsure/Indeterminable/Not tested 3

leak_cough	Frequency	Percent	Cum Freq	Cum Percent
.	332	.	.	.
1:Yes	212	71.14	212	71.14
2:No	26	8.72	238	79.87
3:Unsure/Indeterminable/Not tested	60	20.13	298	100.00

Frequency Missing = 332

F2. UPP's performed: Yes 1

No ..... 2 ➔ **SKIP TO SECTION G**

UPP	Frequency	Percent	Cum Freq	Cum Percent
.	323	.	.	.
1:Yes	96	31.27	96	31.27
2:No	211	68.73	307	100.00

Frequency Missing = 323

F2a. Volume in bladder when UPP done? ____ ____ ____ mL

Analysis Variable : vol_upp_blad								
N	N Miss	Mean	SD	Minimum	Lower Quartile	Median	Upper Quartile	Maximum
84	546	330.1	122.0	2.0	289.0	300.0	402.5	670.0

F2b. MUCP (avg) in cm H_2O: _____

Analysis Variable : mucp_upp								
N	N Miss	Mean	SD	Minimum	Lower Quartile	Median	Upper Quartile	Maximum
96	534	58.1	26.3	14.0	44.5	55.0	70.5	156.0

F2c. FUL (avg) in mm: _____

Analysis Variable : ful_upp								
N	N Miss	Mean	SD	Minimum	Lower Quartile	Median	Upper Quartile	Maximum
92	538	28.8	12.3	7.0	21.0	27.0	34.0	89.0

SECTION G: PRESSURE FLOW STUDY (PFS)

G1. Position during PFS:

Sitting 1

Standing 2

position_pfs	Frequency	Percent	Cum Freq	Cum Percent
.	325	.	.	.
1:Sitting	303	99.34	303	99.34
2:Standing	2	0.66	305	100.00

Frequency Missing = 325

G2. PFS voiding pattern:

Pure or predominant detrusor..... 1

Pure or predominant abdominal..... 2

Mixed..... 3

Indeterminate/Uninterpretable ..... 4 ➔ **SKIP TO H3**

PFS_VOID_PAT	Frequency	Percent	Cum Freq	Cum Percent
.	327	.	.	.
1: Pure or predominant detrusor	193	63.70	193	63.70
2: Pure or predominant abdominal	25	8.25	218	71.95
3: Mixed	57	18.81	275	90.76
4: Indeterminate/Uninterpretable	28	9.24	303	100.00

Frequency Missing = 327

SECTION H: VOIDING PHASE DIAGNOSES

H1. Detrusor function during the void: Normal function 1

Abnormal (underactive or acontractile detrusor) 2

void_detrus	Frequency	Percent	Cum Freq	Cum Percent
.	354	.	.	.
1:Normal Function	244	88.41	244	88.41
2:Abnormal	32	11.59	276	100.00

Frequency Missing = 354

H2. Urethral function during the void:

Normal function (defined as urethra that opens and is continuously relaxed to allow bladder to be emptied at a normal pressure) 1

Abnormal (e.g bladder outlet obstruction, dysfunctional voiding, detrusor sphincter dyssynergia, non-relaxing urethral sphincter) 2

URETHR_VOID	Frequency	Percent	Cum Freq	Cum Percent
.	364	.	.	.
1: Normal function	249	93.61	249	93.61
2: Abnormal	17	6.39	266	100.00

Frequency Missing = 364

H3. PVR after PFS: ____ ____ ____ mL

Analysis Variable : pvr_pfs								
N	N Miss	Mean	SD	Minimum	Lower Quartile	Median	Upper Quartile	Maximum
178	452	46.0	64.1	1.0	10.0	20.0	50.0	375.0

H4. Was video used during urodynamics? Yes 1

No ..... 2 ➔ **SKIP TO H5**

VIDEO	Frequency	Percent	Cum Freq	Cum Percent
.	323	.	.	.
1:Yes	2	0.65	2	0.65
2:No	305	99.35	307	100.00

Frequency Missing = 323

	Yes	No
H4a. Bladder neck open at rest?	1	2

rest_video	Frequency	Percent	Cum Freq	Cum Percent
.	628	.	.	.
2:No	2	100.00	2	100.00

Frequency Missing = 628

H4b. Bladder neck open with strain?	1	2

strain_video	Frequency	Percent	Cum Freq	Cum Percent
.	628	.	.	.
1:Yes	2	100.00	2	100.00

Frequency Missing = 628

H4c. Hypermobility imaged on VUD?	1	2

vud_video	Frequency	Percent	Cum Freq	Cum Percent
.	628	.	.	.
1:Yes	2	100.00	2	100.00

Frequency Missing = 628

H4d. Valsalva leakage observed on video and video imaged VLPP's were measured?	1	2

leak_video	Frequency	Percent	Cum Freq	Cum Percent
.	628	.	.	.
1:Yes	2	100.00	2	100.00

Frequency Missing = 628

H4e. Other diagnoses video provided? 1 ⬇ 2 ➔ **SKIP TO H5**

ei. Specify Diagnoses: _____

other_video	Frequency	Percent	Cum Freq	Cum Percent
.	628	.	.	.
2:No	2	100.00	2	100.00

Frequency Missing = 628

H5. Urodynamic reproduction of patient symptoms: (Please circle one)

The urodynamic studies reproduced the patient's symptoms 1

The urodynamic studies partially reproduced the patient's symptoms 2

The urodynamic studies failed to reproduce the patient's symptoms 3

reprod_uro_cat	Frequency	Percent	Cum Freq	Cum Percent
.	323	.	.	.
1:Urodynamic studies reproduced the patients symptoms	268	87.30	268	87.30
2:Urodynamic studies partially/failed to reproduce the patients symptoms	39	12.70	307	100.00

Frequency Missing = 323