



Section A: General Study Information for Office Use Only:

A1. Study ID#:

Label

A2. Visit # Baseline TBAS
 F/U 12 Month..... TF12
 Failure TFAI
 Other: _____

VISIT	Frequency	Percent	Cumulative Frequency	Cumulative Percent
	1	.	.	.
TBAS	595	54.39	595	54.39
TF12	499	45.61	1094	100.00

Frequency Missing = 1

SECTION B: UROFLOWMETRY

B1.

Maximum flow rate:

_____ . _____ mL/sec

B2. Mean flow rate:

_____ . _____ mL/sec

Analysis Variable : max_fl_nif

N	N Miss	Mean	Std Dev	Minimum	Lower Quartile	Median	Upper Quartile	Maximum
1010	85	22.8	11.3	4.1	15.0	20.8	27.7	90.0

Analysis Variable : mean_fl_nif

N	N Miss	Mean	Std Dev	Minimum	Lower Quartile	Median	Upper Quartile	Maximum
1008	87	10.9	5.3	0.3	7.1	10.2	14.0	40.2

B3.

Time to maximum flow

_____ . _____ sec

B4. Voided Volume:

_____ mL

Analysis Variable : flow_t_nif

N	N Miss	Mean	Std Dev	Minimum	Lower Quartile	Median	Upper Quartile	Maximum
1009	86	14.3	18.6	1.1	6.1	9.3	15.3	245.5

Analysis Variable : void_vol_nif								
N	N Miss	Mean	Std Dev	Minimum	Lower Quartile	Median	Upper Quartile	Maximum
1012	83	311.9	124.5	150.0	226.0	296.0	350.0	1003.0

B5. PVR: _____ mL

B6. Classify flow pattern:

- Continuous, smooth 1
- Continuous, fluctuating..... 2
- Intermittent 3

Analysis Variable : pvr_nif								
N	N Miss	Mean	Std Dev	Minimum	Lower Quartile	Median	Upper Quartile	Maximum
924	171	25.7	41.4	0.0	5.0	10.0	30.0	520.0

pattern_nif	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	85	.	.	.
1	406	40.20	406	40.20
2	453	44.85	859	85.05
3	151	14.95	1010	100.00

Frequency Missing = 85

B7. NIF test date: _____ / _____ / _____
Month Day Year

B8. Tester ID: _____

Analysis Variable : nif_comp_days								
N	N Miss	Mean	Std Dev	Minimum	Lower Quartile	Median	Upper Quartile	Maximum
1090	5	161.6	206.7	-302.0	-19.0	-5.0	375.0	656.0

B9. NIF Review Date: _____ / _____ / _____
Month Day Year

B10. MD Reviewer ID: _____

Analysis Variable : nif_abst_days								
N	N Miss	Mean	Std Dev	Minimum	Lower Quartile	Median	Upper Quartile	Maximum
1089	6	206.9	215.8	-156.0	5.0	83.0	406.0	953.0

B11.Equipment BCC Registration ID#: _____ / _____

SECTION C: URETHRAL PRESSURE PROFILE

MUCP data points from one or more of the three withdrawals may be invalid for technical reasons. Please review the MUCP signals and determine if any valid data can be recorded below.

C1. Are **all** MUCP data points valid? Yes, all MUCP data points are valid1 → **SKIP TO C2**

No, some (or all) MUCP data points are invalid2

valid_mucp	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	1	.	.	.
1	973	88.94	973	88.94
2	121	11.06	1094	100.00

Frequency Missing = 1

C1a. Describe: _____

Measure	MUCP	Functional Urethral length
---------	------	----------------------------

C2. 1st withdrawal: _____ cm H₂O

C3. _____ mm

Analysis Variable : mucpwi									
N	N Miss	Mean	Std Dev	Minimum	Lower Quartile	Median	Upper Quartile	Maximum	
970	125	65.5	32.4	8.0	43.0	59.0	80.0	252.0	

Analysis Variable : mucpli									
N	N Miss	Mean	Std Dev	Minimum	Lower Quartile	Median	Upper Quartile	Maximum	
968	127	31.1	8.3	7.0	26.0	31.0	37.0	50.0	

C4. 2nd withdrawal: _____ cm H₂O

C5. _____ mm

Analysis Variable : mucpw2								
N	N Miss	Mean	Std Dev	Minimum	Lower Quartile	Median	Upper Quartile	Maximum
978	117	65.0	32.3	10.0	42.0	58.0	81.0	251.0

Analysis Variable : mucpl2								
N	N Miss	Mean	Std Dev	Minimum	Lower Quartile	Median	Upper Quartile	Maximum
975	120	31.2	8.2	9.0	26.0	31.0	37.0	50.0

C6. 3rd withdrawal: _____ cm H₂O

C7. _____ mm

Analysis Variable : mucpw3								
N	N Miss	Mean	Std Dev	Minimum	Lower Quartile	Median	Upper Quartile	Maximum
962	133	64.6	33.1	8.0	41.0	59.0	81.0	246.0

Analysis Variable : mucpl3								
N	N Miss	Mean	Std Dev	Minimum	Lower Quartile	Median	Upper Quartile	Maximum
958	137	31.3	8.2	5.0	26.0	31.0	36.0	50.0

mucp_2valid	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	1	.	.	.
Y	997	91.13	997	91.13
N	97	8.87	1094	100.00

Frequency Missing = 1

FUL_2valid	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	1	.	.	.
Y	994	90.86	994	90.86
N	100	9.14	1094	100.00

Frequency Missing = 1

SECTION D: CMG VALIDITY, PRESSURES VOLUMES AND SENSATION MEASUREMENTS

CMG pressure measurements will be considered invalid for several reasons; most are listed below. You may also determine CMG pressure values invalid for other reasons. Please review the CMG and **code yes or no to each of the following questions**, then follow the skip directives to complete your review.

D1.	Are the signals legible?	Yes (1)	No (2)*																									
<table border="1" style="margin: auto; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">LEGIBLE_SIG</th> <th style="text-align: center;">Frequency</th> <th style="text-align: center;">Percent</th> <th style="text-align: center;">Cumulative Frequency</th> <th style="text-align: center;">Cumulative Percent</th> </tr> </thead> <tbody> <tr> <td style="text-align: left;">.</td> <td style="text-align: center;">1</td> <td style="text-align: center;">.</td> <td style="text-align: center;">.</td> <td style="text-align: center;">.</td> </tr> <tr> <td style="text-align: left;">MI:O</td> <td style="text-align: center;">1</td> <td style="text-align: center;">0.09</td> <td style="text-align: center;">1</td> <td style="text-align: center;">0.09</td> </tr> <tr> <td style="text-align: left;">1: Yes</td> <td style="text-align: center;">1089</td> <td style="text-align: center;">99.54</td> <td style="text-align: center;">1090</td> <td style="text-align: center;">99.63</td> </tr> <tr> <td style="text-align: left;">2: No</td> <td style="text-align: center;">4</td> <td style="text-align: center;">0.37</td> <td style="text-align: center;">1094</td> <td style="text-align: center;">100.00</td> </tr> </tbody> </table> <p style="text-align: center; color: blue;">Frequency Missing = 1</p>				LEGIBLE_SIG	Frequency	Percent	Cumulative Frequency	Cumulative Percent	.	1	.	.	.	MI:O	1	0.09	1	0.09	1: Yes	1089	99.54	1090	99.63	2: No	4	0.37	1094	100.00
LEGIBLE_SIG	Frequency	Percent	Cumulative Frequency	Cumulative Percent																								
.	1	.	.	.																								
MI:O	1	0.09	1	0.09																								
1: Yes	1089	99.54	1090	99.63																								
2: No	4	0.37	1094	100.00																								
D2.	Were the catheters zeroed to atmosphere prior to the start of filling?	Yes (1)	No (2)*																									
<table border="1" style="margin: auto; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">CATH_ATMOS</th> <th style="text-align: center;">Frequency</th> <th style="text-align: center;">Percent</th> <th style="text-align: center;">Cumulative Frequency</th> <th style="text-align: center;">Cumulative Percent</th> </tr> </thead> <tbody> <tr> <td style="text-align: left;">.</td> <td style="text-align: center;">1</td> <td style="text-align: center;">.</td> <td style="text-align: center;">.</td> <td style="text-align: center;">.</td> </tr> <tr> <td style="text-align: left;">MI:O</td> <td style="text-align: center;">1</td> <td style="text-align: center;">0.09</td> <td style="text-align: center;">1</td> <td style="text-align: center;">0.09</td> </tr> <tr> <td style="text-align: left;">1: Yes</td> <td style="text-align: center;">1085</td> <td style="text-align: center;">99.18</td> <td style="text-align: center;">1086</td> <td style="text-align: center;">99.27</td> </tr> <tr> <td style="text-align: left;">2: No</td> <td style="text-align: center;">8</td> <td style="text-align: center;">0.73</td> <td style="text-align: center;">1094</td> <td style="text-align: center;">100.00</td> </tr> </tbody> </table> <p style="text-align: center; color: blue;">Frequency Missing = 1</p>				CATH_ATMOS	Frequency	Percent	Cumulative Frequency	Cumulative Percent	.	1	.	.	.	MI:O	1	0.09	1	0.09	1: Yes	1085	99.18	1086	99.27	2: No	8	0.73	1094	100.00
CATH_ATMOS	Frequency	Percent	Cumulative Frequency	Cumulative Percent																								
.	1	.	.	.																								
MI:O	1	0.09	1	0.09																								
1: Yes	1085	99.18	1086	99.27																								
2: No	8	0.73	1094	100.00																								
D3.	Was the Pves measuring system functioning properly at CMG baseline ?	Yes (1)	No (2)*																									
<table border="1" style="margin: auto; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">PVES_CMG_BL</th> <th style="text-align: center;">Frequency</th> <th style="text-align: center;">Percent</th> <th style="text-align: center;">Cumulative Frequency</th> <th style="text-align: center;">Cumulative Percent</th> </tr> </thead> <tbody> <tr> <td style="text-align: left;">.</td> <td style="text-align: center;">1</td> <td style="text-align: center;">.</td> <td style="text-align: center;">.</td> <td style="text-align: center;">.</td> </tr> <tr> <td style="text-align: left;">MI:O</td> <td style="text-align: center;">1</td> <td style="text-align: center;">0.09</td> <td style="text-align: center;">1</td> <td style="text-align: center;">0.09</td> </tr> <tr> <td style="text-align: left;">1: Yes</td> <td style="text-align: center;">1078</td> <td style="text-align: center;">98.54</td> <td style="text-align: center;">1079</td> <td style="text-align: center;">98.63</td> </tr> <tr> <td style="text-align: left;">2: No</td> <td style="text-align: center;">15</td> <td style="text-align: center;">1.37</td> <td style="text-align: center;">1094</td> <td style="text-align: center;">100.00</td> </tr> </tbody> </table> <p style="text-align: center; color: blue;">Frequency Missing = 1</p>				PVES_CMG_BL	Frequency	Percent	Cumulative Frequency	Cumulative Percent	.	1	.	.	.	MI:O	1	0.09	1	0.09	1: Yes	1078	98.54	1079	98.63	2: No	15	1.37	1094	100.00
PVES_CMG_BL	Frequency	Percent	Cumulative Frequency	Cumulative Percent																								
.	1	.	.	.																								
MI:O	1	0.09	1	0.09																								
1: Yes	1078	98.54	1079	98.63																								
2: No	15	1.37	1094	100.00																								

D4.	Was the Pabd measuring system functioning properly at CMG baseline ?	Yes (1)	No (2)*
-----	--	---------	---------

PABD_CMG_BL	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	1	.	.	.
MI:O	1	0.09	1	0.09
1: Yes	1062	97.07	1063	97.17
2: No	31	2.83	1094	100.00

Frequency Missing = 1

D5.	Are there any other reasons you consider the CMG invalid?	Yes (1)*	No (2)
-----	---	----------	--------

REAS_CMG_INV	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	1	.	.	.
MI:O	1	0.09	1	0.09
1: Yes	25	2.29	26	2.38
2: No	1068	97.62	1094	100.00

Frequency Missing = 1

D5a.	If Yes, describe _____
------	------------------------

D6. WERE THERE ANY INVALID CONDITIONS FOR THE CMG?
 [Code D6 Yes (1) if you circled a code in any gray box above.]

Yes..... 1 → IF YES, write 'invalid' in the data fields for all CMG pressure values but record values for all other data points.
 No..... 2

cmg_any_invl	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	1	.	.	.
1	53	4.84	53	4.84
2	1041	95.16	1094	100.00

Frequency Missing = 1

CMG MEASUREMENTS

D7. Pves at baseline: _____ cm H₂O

--

Analysis Variable : pves_base_cm

N	N Miss	Mean	Std Dev	Minimum	Lower Quartile	Median	Upper Quartile	Maximum
1036	59	35.7	10.9	1.0	30.0	36.0	43.0	67.0

D8. Pabd at baseline: _____ cm H₂O

Analysis Variable : pabd_base_cm

N	N Miss	Mean	Std Dev	Minimum	Lower Quartile	Median	Upper Quartile	Maximum
1036	59	34.1	10.9	0.0	28.0	35.0	41.0	67.0

D9. Pdet at baseline: _____ cm H₂O

Analysis Variable : pdet_base_cm

N	N Miss	Mean	Std Dev	Minimum	Lower Quartile	Median	Upper Quartile	Maximum
1036	59	1.7	3.2	-11.0	0.0	2.0	4.0	16.0

D10. Bladder volume at first desire to void: _____ mL

Analysis Variable : first_desire

N	N Miss	Mean	Std Dev	Minimum	Lower Quartile	Median	Upper Quartile	Maximum
1081	14	127.3	86.6	7.0	62.0	108.0	170.0	720.0

D11. Bladder volume at strong desire to void: _____ mL

Analysis Variable : strong_desire

N	N Miss	Mean	Std Dev	Minimum	Lower Quartile	Median	Upper Quartile	Maximum
1081	14	239.0	115.4	21.0	161.0	223.0	297.0	838.0

LPP MEASURES

D12. Did leakage occur with Valsalva? Yes * 1

No 2 → **SKIP TO D14**

leak_val	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	10	.	.	.
1	453	41.75	453	41.75
2	632	58.25	1085	100.00

Frequency Missing = 10

* To code this item YES, leakage must occur with Valsalva at **least twice** at the same volume level.

D13. At what volume? _____ **mL**

Analysis Variable : volume_lpp								
N	N Miss	Mean	Std Dev	Minimum	Lower Quartile	Median	Upper Quartile	Maximum
453	642	241.7	92.6	100.0	200.0	200.0	254.0	901.0

D13a. Raw Pves at 1st leakage: _____ **cm H₂O**

Analysis Variable : lpp_leak1								
N	N Miss	Mean	Std Dev	Minimum	Lower Quartile	Median	Upper Quartile	Maximum
412	683	118.3	43.5	27.0	84.0	113.5	141.0	314.0

D13b. Raw Pves at 2nd leakage: _____ **cm H₂O**

Analysis Variable : lpp_leak2								
N	N Miss	Mean	Std Dev	Minimum	Lower Quartile	Median	Upper Quartile	Maximum
401	694	119.0	44.1	24.0	88.0	116.0	143.0	289.0

D13c. Raw Pves at 3rd leakage: _____ cm H₂O

Analysis Variable : lpp_leak3								
N	N Miss	Mean	Std Dev	Minimum	Lower Quartile	Median	Upper Quartile	Maximum
334	761	118.4	43.1	24.0	87.0	115.0	145.0	274.0

MCC

D14. Did leakage occur with cough at MCC? Yes..... 1
 No..... 2
 NA, VLPPs obtained at or prior to MCC..... 3

leak_mcc	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	14	.	.	.
1	189	17.48	189	17.48
2	526	48.66	715	66.14
3	366	33.86	1081	100.00

Frequency Missing = 14

D15. Bladder volume at MCC: _____ mL

Analysis Variable : vol_mcc								
N	N Miss	Mean	Std Dev	Minimum	Lower Quartile	Median	Upper Quartile	Maximum
1086	9	352.0	117.4	21.0	275.0	339.0	400.0	938.0

D15a. Pves at MCC: _____ cm H₂O

Analysis Variable : mcc_pves								
N	N Miss	Mean	Std Dev	Minimum	Lower Quartile	Median	Upper Quartile	Maximum
986	109	43.1	12.2	2.0	36.0	43.0	50.0	91.0

D15b. Pabd at MCC: _____ cm H₂O

Analysis Variable : mcc_pabd								
N	N Miss	Mean	Std Dev	Minimum	Lower Quartile	Median	Upper Quartile	Maximum
986	109	36.6	11.3	1.0	30.0	37.0	44.0	74.0

D15a-D15b:mcc_pves - mcc_pabd:

Analysis Variable : mcc_pdet								
N	N Miss	Mean	Std Dev	Minimum	Lower Quartile	Median	Upper Quartile	Maximum
986	109	6.5	6.2	-5.0	3.0	6.0	9.0	59.0

DETRUSOR OVERACTIVITY

D16. Was there detrusor overactivity? Yes..... 1

No..... 2 → SKIP TO SECTION E

detrusor	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	9	.	.	.
1	114	10.50	114	10.50
2	972	89.50	1086	100.00

Frequency Missing = 9

Record volume at each occurrence of detrusor overactivity and indicate if leakage occurred.

Occurrence	Recorded Volume	Leakage?	
D16a. Occurrence 1:	___ ___ ___ ___ mL	Yes.....1	No.....2

Analysis Variable : detrusor_1								
N	N Miss	Mean	Std Dev	Minimum	Lower Quartile	Median	Upper Quartile	Maximum
114	981	174.3	106.5	5.0	90.0	153.5	237.0	500.0

detrusor leak 1	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	981	.	.	.
1	50	43.86	50	43.86
2	64	56.14	114	100.00

frequency Missing = 981

D16b. Occurrence 2:	___ ___ ___ ___ mL	Yes.....1	No.....2
---------------------	--------------------	-----------	----------

Analysis Variable : detrusor_2								
N	N Miss	Mean	Std Dev	Minimum	Lower Quartile	Median	Upper Quartile	Maximum
73	1022	187.5	99.0	21.0	110.0	182.0	231.0	524.0

detrusor leak 2	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	1022	.	.	.
1	29	39.73	29	39.73
2	44	60.27	73	100.00

frequency Missing = 1022

D16c. Occurrence 3:	___ ___ ___ ___ mL	Yes.....1	No.....2
---------------------	--------------------	-----------	----------

Analysis Variable : detrusor_3								
N	N Miss	Mean	Std Dev	Minimum	Lower Quartile	Median	Upper Quartile	Maximum
44	1051	184.8	66.9	1.0	149.0	188.5	203.5	379.0

detrusor leak 3	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	1051	.	.	.
1	23	52.27	23	52.27
2	21	47.73	44	100.00

requecy Missing = 1051

SECTION E: PRESSURE FLOW STUDY (PFS)

PFS pressure measurements will be considered invalid for several reasons; most are listed below. You may also determine PFS pressure values invalid for other reasons. Please review the PFS signals and **code yes or no to each of the following questions** then follow the skip directives to complete your review.

E1.	Are the signals legible?	Yes (1)	No (2)*																									
	<table border="1"> <thead> <tr> <th>PFS LEG SIG</th> <th>Frequency</th> <th>Percent</th> <th>Cumulative Frequency</th> <th>Cumulative Percent</th> </tr> </thead> <tbody> <tr> <td>.</td> <td>1</td> <td>.</td> <td>.</td> <td>.</td> </tr> <tr> <td>MI:O</td> <td>3</td> <td>0.27</td> <td>3</td> <td>0.27</td> </tr> <tr> <td>1: Yes</td> <td>1070</td> <td>97.81</td> <td>1073</td> <td>98.08</td> </tr> <tr> <td>2: No</td> <td>21</td> <td>1.92</td> <td>1094</td> <td>100.00</td> </tr> </tbody> </table> <p>Frequency Missing = 1</p>	PFS LEG SIG	Frequency	Percent	Cumulative Frequency	Cumulative Percent	.	1	.	.	.	MI:O	3	0.27	3	0.27	1: Yes	1070	97.81	1073	98.08	2: No	21	1.92	1094	100.00		
PFS LEG SIG	Frequency	Percent	Cumulative Frequency	Cumulative Percent																								
.	1	.	.	.																								
MI:O	3	0.27	3	0.27																								
1: Yes	1070	97.81	1073	98.08																								
2: No	21	1.92	1094	100.00																								
E2.	Were the catheters zeroed to atmosphere prior to the start of filling?	Yes (1)	No (2)*																									
	<table border="1"> <thead> <tr> <th>PFS_CAT_ATM</th> <th>Frequency</th> <th>Percent</th> <th>Cumulative Frequency</th> <th>Cumulative Percent</th> </tr> </thead> <tbody> <tr> <td>.</td> <td>1</td> <td>.</td> <td>.</td> <td>.</td> </tr> <tr> <td>MI:O</td> <td>3</td> <td>0.27</td> <td>3</td> <td>0.27</td> </tr> <tr> <td>1: Yes</td> <td>1077</td> <td>98.45</td> <td>1080</td> <td>98.72</td> </tr> <tr> <td>2: No</td> <td>14</td> <td>1.28</td> <td>1094</td> <td>100.00</td> </tr> </tbody> </table> <p>Frequency Missing = 1</p>	PFS_CAT_ATM	Frequency	Percent	Cumulative Frequency	Cumulative Percent	.	1	.	.	.	MI:O	3	0.27	3	0.27	1: Yes	1077	98.45	1080	98.72	2: No	14	1.28	1094	100.00		
PFS_CAT_ATM	Frequency	Percent	Cumulative Frequency	Cumulative Percent																								
.	1	.	.	.																								
MI:O	3	0.27	3	0.27																								
1: Yes	1077	98.45	1080	98.72																								
2: No	14	1.28	1094	100.00																								
E3.	Did the patient sit to void?	Yes (1)	No (2)*																									

PFS_SIT_VD	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	1	.	.	.
MI:O	3	0.27	3	0.27
1: Yes	1083	98.99	1086	99.27
2: No	8	0.73	1094	100.00

Frequency Missing = 1

E4. Were transducers adjusted after the patient changed her position? Yes (1) No (2)*

PFS_TRN_ADJ	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	1	.	.	.
MI:O	3	0.27	3	0.27
1: Yes	1079	98.63	1082	98.90
2: No	12	1.10	1094	100.00

Frequency Missing = 1

E5. Was the PFS baseline interpretable? Yes (1) No (2)*

PFS_BL_INTP	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	1	.	.	.
MI:O	3	0.27	3	0.27
1: Yes	1043	95.34	1046	95.61
2: No	48	4.39	1094	100.00

Frequency Missing = 1

E6. Was the Pves measuring system functioning properly at baseline? Yes (1) No (2)*

PVES_FUN_BL	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	1	.	.	.
MI:O	4	0.37	4	0.37
1: Yes	1044	95.43	1048	95.80
2: No	46	4.20	1094	100.00

Frequency Missing = 1

E7. Was the Pabd measuring system functioning properly at baseline? Yes (1) No (2)*

PABD_FUN_BL	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	1	.	.	.
MI:O	4	0.37	4	0.37
1: Yes	1021	93.33	1025	93.69
2: No	69	6.31	1094	100.00

Frequency Missing = 1

E8. Did the patient void? Yes (1) No (2)*

PT_VOID	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	1	.	.	.
MI:O	3	0.27	3	0.27
1: Yes	1034	94.52	1037	94.79
2: No	57	5.21	1094	100.00

Frequency Missing = 1

E9. Was the Pves measuring system functioning properly at Qmax? Yes (1) No (2)*

PVES_FUN_MAX	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	1	.	.	.
MI:O	17	1.55	17	1.55
1: Yes	961	87.84	978	89.40
2: No	116	10.60	1094	100.00

Frequency Missing = 1

E10. Was the Pabd measuring system functioning properly at Qmax? Yes (1) No (2)*

PABD_FUN_MAX	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	1	.	.	.
MI:O	17	1.55	17	1.55
1: Yes	937	85.65	954	87.20
2: No	140	12.80	1094	100.00

Frequency Missing = 1

E11. Are there any other reasons you consider the PFS invalid?..... Yes (1)* No (2)

REAS_PFS_INV	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	1	.	.	.
MI:O	4	0.37	4	0.37
1: Yes	88	8.04	92	8.41
2: No	1002	91.59	1094	100.00

Frequency Missing = 1

E11a. If Yes, describe _____

E12. WERE THERE ANY INVALID CONDITIONS FOR THE PFS? *[Code E12 Yes if you circled a code in any gray box]*

Yes..... 1 → **If YES, skip to E18, complete E18 through E20, then skip to E25.**

No..... 2

pfs any invl	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	1	.	.	.
1	243	22.21	243	22.21
2	851	77.79	1094	100.00

Frequency Missing = 1

E13. Was the patient refilled for this PFS? Yes..... 1 No..... 2

refill_pfs	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	246	.	.	.
1	49	5.77	49	5.77
2	800	94.23	849	100.00

Frequency Missing = 246

E14. Did the patient cough before the void? Yes..... 1 No..... 2 → **IF NO, SKIP TO E16**

cough_vd_pfs	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	246	.	.	.
1	826	97.29	826	97.29
2	23	2.71	849	100.00

Frequency Missing = 246

E15. Was there 70% concordance between the Pves and Pabd pre-void cough spike? Yes 1 No 2

pves_pabd_cn	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	269	.	.	.
1	801	96.97	801	96.97
2	25	3.03	826	100.00

Frequency Missing = 269

TOMMUS

E16. **PFS BASELINE PRESSURES:** Read baseline pressure values after patient sits to void, adjustment of transducers and pre-void cough. Take readings from a stable, flat Pves and Pabd signal. Typically, this measurement occurs a few or several seconds before flow and prior to any vesical or abdominal pressure increase associated with the beginning of the void.

E16a. Pves at PFS **baseline:** _____ **cm H₂O**

Analysis Variable : pfs_pves_bl									
N	N Miss	Mean	Std Dev	Minimum	Lower Quartile	Median	Upper Quartile	Maximum	
746	349	32.4	10.6	7.0	25.0	32.0	39.0	68.0	

E16b. Pabd at PFS **baseline:** _____ **cm H₂O**

Analysis Variable : pfs_pabd_bl									
N	N Miss	Mean	Std Dev	Minimum	Lower Quartile	Median	Upper Quartile	Maximum	
746	349	29.1	10.7	1.0	22.0	28.0	35.0	63.0	

E16c. Pdet at PFS **baseline:** _____ **cm H₂O**

Analysis Variable : pfs_pdet_bl									
N	N Miss	Mean	Std Dev	Minimum	Lower Quartile	Median	Upper Quartile	Maximum	
746	349	3.4	4.5	-4.0	0.0	3.0	6.0	27.0	

E17. **PRESSURES AT MAX FLOW (Qmax)**

E17a. Pves at **Qmax:** _____ **cm H₂O**

E17b. Pabd at **Qmax:** _____ **cm H₂O**

Analysis Variable : pves_qmax									
N	N Miss	Mean	Std Dev	Minimum	Lower Quartile	Median	Upper Quartile	Maximum	
746	349	54.8	24.1	18.0	40.0	50.0	63.0	255.0	

Analysis Variable : pabd_qmax								
N	N Miss	Mean	Std Dev	Minimum	Lower Quartile	Median	Upper Quartile	Maximum
745	350	34.0	23.5	0.0	19.0	29.0	43.0	256.0

E17a-E17b:pdet at Qmax

Analysis Variable : pdet_qmax								
N	N Miss	Mean	Std Dev	Minimum	Lower Quartile	Median	Upper Quartile	Maximum
745	350	20.8	12.8	-30.0	13.0	19.0	28.0	86.0

E18. Max flow rate: _____ . _____ mL/sec

If the patient cannot void [E8=2 (No)], write “missing” or -9 for E18-E20 and skip to E25.

Analysis Variable : max_fl_pfs								
N	N Miss	Mean	Std Dev	Minimum	Lower Quartile	Median	Upper Quartile	Maximum
1017	78	20.9	10.2	1.8	14.0	19.2	26.0	78.1

E19. Time to max flow: _____ . _____ sec

Analysis Variable : flow_t_pfs								
N	N Miss	Mean	Std Dev	Minimum	Lower Quartile	Median	Upper Quartile	Maximum
1005	90	21.6	35.9	1.0	7.8	12.3	21.7	661.0

E20. Voided volume: _____ mL

Analysis Variable : void_vol_pfs								
N	N Miss	Mean	Std Dev	Minimum	Lower Quartile	Median	Upper Quartile	Maximum
1021	74	375.0	141.6	19.0	285.0	367.0	455.0	915.0

★ **Skip E21 – E24 if the study is invalid per your ‘Yes’ code to E12.**

- E21. PFS Voiding pattern: Pure or predominant detrusor 1
- Pure or predominant abdominal..... 2
- Mixed..... 3

Indeterminate / uninterpretable..... 4

void_mech	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	247	.	.	.
1	572	67.45	572	67.45
2	75	8.84	647	76.30
3	161	18.99	808	95.28
4	40	4.72	848	100.00

Frequency Missing = 247

E22. Did the patient cough after the void? Yes 1 No 2 → SKIP TO E25

cghpstvd_pfs	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	246	.	.	.
1	792	93.29	792	93.29
2	57	6.71	849	100.00

Frequency Missing = 246

E23. Was the Pves signal functioning during the post void cough? Yes 1 No 2

pstcgh_pves	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	303	.	.	.
1	626	79.04	626	79.04
2	166	20.96	792	100.00

Frequency Missing = 303

E24. Was the Pabd signal functioning during the post void cough? Yes 1 No 2

pstcgh_pabd	Frequency	Percent	Cumulative Frequency	Cumulative Percent
.	303	.	.	.
1	769	97.10	769	97.10
2	23	2.90	792	100.00

Frequency Missing = 290

E25. UPP/CMG test date: ____ / ____ / ____
Month Day Year

E26. Tester ID: _____

Analysis Variable : cmg_comp_days								
N	N Miss	Mean	Std Dev	Minimum	Lower Quartile	Median	Upper Quartile	Maximum
1094	1	161.6	206.2	-302.0	-20.0	-4.5	375.0	525.0

E27. PFS test date: ____ / ____ / ____
Month Day Year

E28. Tester ID: _____

Analysis Variable : pfs_comp_days								
N	N Miss	Mean	Std Dev	Minimum	Lower Quartile	Median	Upper Quartile	Maximum
1090	5	161.2	206.5	-302.0	-20.0	-5.0	374.0	525.0

E29. Review date: ____ / ____ / ____
Month Day Year

E30. MD Reviewer ID: _____

Analysis Variable : uds_rvw_days								
N	N Miss	Mean	Std Dev	Minimum	Lower Quartile	Median	Upper Quartile	Maximum
1094	1	208.6	215.4	-156.0	7.0	85.0	407.0	954.0

E31. Equipment BCC Registration ID#: ____ / ____