

## SUPPLEMENTARY MATERIAL

**Table S1. Main characteristics of the 21 patients implanted with ATOMS and previous treatment of urethral stricture or bladder neck contracture.**

Patient number	Previous Stricture location	Type of intervention	Previous radiation	Severity of SUI	ICIQ-SF	Baseline 24-h pad-test (ml)	Age at ATOMS implant (years)	Number of adjustments	Final cushion volume (ml)	Post ATOMS 24-h pad-test (ml)
5	BLADDER NECK	BLADDER NECK INCISION	YES	SEVERE	21	900	78	3	30	40
8	BULBO-MEMBRANOUS	URETHROPLASTY	YES	SEVERE	14	480	69	5	37	450
22	BLADDER NECK	BLADDER NECK INCISION	NO	SEVERE	19	1225	64	3	21	5
30	BLADDER NECK	BLADDER NECK INCISION	NO	SEVERE	20	1200	64	3	24	20
50	PENDULOUS	DVIU	NO	SEVERE	19	1200	73	3	26	230
54	BULBAR	DVIU	NO	SEVERE	14	650	65	2	16	0
60	PENDULOUS	DVIU	NO	MODERATE	14	648	67	2	17	90
62	BULBAR	URETHROPLASTY	YES	SEVERE	21	1800	73	4	23.5	280
81	BULBO-MEMBRANOUS	URETHROPLASTY	NO	SEVERE	19	980	65	3	17	70
82	BULBAR	URETHROPLASTY	NO	SEVERE	21	1600	71	3	21.5	90
90	BULBO-MEMBRANOUS	DVIU	NO	MODERATE	16	450	68	2	14	0
91	BULBAR	DVIU	NO	SEVERE	16	680	78	4	20.5	0
96	BULBO-MEMBRANOUS	URETHROPLASTY	YES	MODERATE	18	635	70	2	14	0
99	BULBO-MEMBRANOUS	URETHROPLASTY	NO	SEVERE	20	950	65	3	21	120
100	BULBO-MEMBRANOUS	URETHROPLASTY	YES	SEVERE	18	650	66	2	16.5	0
101	PENDULOUS	DVIU	NO	MODERATE	21	400	58	1	14	0
112	BLADDER NECK	BLADDER NECK INCISION	YES	SEVERE	18	1480	83	2	17	680
114	BULBO-MEMBRANOUS	DVIU	YES	SEVERE	21	1200	71	3	16	110
116	BULBO-MEMBRANOUS	DVIU	YES	SEVERE	21	980	78	3	16	180
127	PENDULOUS	DVIU	NO	SEVERE	14	650	65	1	14	0
133	BLADDER NECK	BLADDER NECK INCISION	YES	SEVERE	21	1300	69	3	16	180