

Dear Colleagues,
The European Center for Failed Hyospadias Repair is pleased to invite you to the

1ST INTERNATIONAL CONFERENCE ON FAILED HYOSPADIAS REPAIR

which will be held on
SEPTEMBER, 18th 2010 in **AREZZO, ITALY.**

We look forward to welcoming you.

EUROPEAN CENTER FOR
Failed Hyospadias Repair
www.failedhyospadias.com

The use of IIEF questionnaire: our preliminary experience

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Retrospective Descriptive Analysis of 1,176 Patients With Failed Hypospadias Repair

Guido Barbagli, Sava Perovic, Rados Djinovic, Salvatore Sansalone and Massimo Lazzeri*

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position	n	%
glandular	193	16.4
penile	702	59.7
penoscrotal	281	23.9

**primary
site of
meatus**



Long-Term Followup of Hypospadias: Functional and Cosmetic Results

Sybren P. Rynja, Gerlof A. Wouters, Maaike Van Schaijk, Esther T. Kok, Tom P. De Jong and Laetitia M. De Kort*

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Table 2. Questionnaire and outpatient visit outcomes in respondents with hypospadias and controls

	Hypospadias				Controls
	Distal	Mid Shaft	Proximal	Totals	
		<i>Micturition</i>			
No. respondents (%)	47 (70)	8 (80)	11 (79)	66 (73)	151 (100)
No. I-PSS (%):					
7 or Less	41 (89)	6 (75)	8 (80)	55 (86)	141 (93)
Greater than 7	5 (11)	2 (25)	2 (20)	9 (14)	10 (7)
No. I-PSS 5 (stream strength):					
0-1 (no weakness)	29 (63)*	6 (75)	7 (70)	42 (66)	117 (78)
2-5 (weakness)	17 (37)	2 (25)	3 (30)	22 (34)	34 (22)
No. I-PSS 8 (micturition satisfaction):					
0-1 (satisfied)	34 (76)†	5 (63)*	7 (88)	46 (74)†	140 (93)
2-5 (dissatisfied)	11 (24)	3 (37)	2 (12)	16 (26)	11 (7)
No. spraying (%):				43	
0-2 (less than 50% of time)	27 (84)	2 (67)	6 (75)	35 (81)†	145 (97)
3-5 (greater than 50% of time)	5 (16)	1 (33)	2 (25)	8 (19)	5 (3)
		<i>Sexual</i>			
Erectile dysfunction:					
Mean ± SD	20.8 ± 10.78	19.9 ± 10.71	20.5 ± 10.31	20.6 ± 10.53	22.4 ± 9.38
No. less than 21—dysfunction (%)	17 (30)	4 (50)	4 (40)	25 (40)	56 (38)
No. 21 or greater—no dysfunction (%)	27 (61)	4 (50)	6 (40)	37 (60)	92 (62)
Mean ± SD orgasmic function (0-10)	7.3 ± 4.25	8.1 ± 3.72	6.3 ± 4.85*	7.2 ± 4.25*	8.7 ± 3.00
Mean ± SD sexual desire (0-10)	7.0 ± 1.51	6.4 ± 0.74	6.5 ± 1.96	6.8 ± 1.51	6.9 ± 1.41
Mean ± SD intercourse satisfaction (0-15)	7.9 ± 6.63	6.0 ± 6.57	7.6 ± 6.52	7.6 ± 6.53	7.8 ± 6.39
Mean ± SD overall satisfaction (2-10)	8.7 ± 1.88	7.8 ± 1.33	7.5 ± 2.93	8.4 ± 2.05	8.0 ± 1.78
No. masturbation:				40	
0-2 (less than 1/wk)	20 (69)	1 (33)	6 (75)	27 (67)†	49 (33)
3-5 (greater than 1/wk)	9 (31)	2 (67)	2 (25)	13 (33)	100 (67)
No. penile length satisfaction (%):				41	
0-1 (satisfied)	23 (77)	2 (67)	4 (50)	29 (71)*	129 (86)
2-4 (dissatisfied)	7 (23)	1 (33)	4 (50)	12 (29)	21 (14)
		<i>Uroflowmetry</i>			
No. successful (%)	22	2	6	30 (97)	138 (91)
No. plateau-shaped curve (%)	2 (9)	1 (50)	2 (33)	5 (16)	7 (5)
No. PVR greater than 10% voided vol	9 (41)	—	4 (66)	12 (43)	—
Mean ± SD Omax (ml/sec)	290 ± 10.4	35.2 ± 9.6	21.2 ± 6.0*	31.1 ± 7.6	30.3 ± 10.4
Mean ± SD voided vol (ml)	417 ± 192.8	617 ± 459.6	330 (186.4)	413 ± 211.0	477 ± 283.4
Mean ± SD voiding time (secs)	27.3 ± 13.8	26.5 ± 20.5	25.7 ± 11.7	26.9 ± 13.3	26.8 ± 16.8
Mean ± SD PVR (ml)	60.3 ± 70.6	13.5 ± 3.5	79.5 ± 82.1	61.0 ± 70.7	—



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No. 21 or greater—no dysfunction (%)	27 (61)	4 (50)	6 (40)	37 (60)	92 (62)
Mean \pm SD orgasmic function (0–10)	7.3 \pm 4.25	8.1 \pm 3.72	6.3 \pm 4.85*	7.2 \pm 4.25*	8.7 \pm 3.00
Mean \pm SD sexual desire (0–10)	7.0 \pm 1.51	6.4 \pm 0.74	6.5 \pm 1.96	6.8 \pm 1.51	6.9 \pm 1.41
Mean \pm SD intercourse satisfaction (0–15)	7.9 \pm 6.63	6.0 \pm 6.57	7.6 \pm 6.52	7.6 \pm 6.53	7.8 \pm 6.39
Mean \pm SD overall satisfaction (2–10)	8.7 \pm 1.88	7.8 \pm 1.33	7.5 \pm 2.93	8.4 \pm 2.05	8.0 \pm 1.78

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Number of patients
150

AGE

IIEF 15

18-26

27-45

46-75

SURGERY

0-4

5-9

>10

RESULTS IIEF 15

AGE	IIEF 15 tot.	Erectile Function	Orgasmic Function	Sexual Desire	Intercourse Satisfaction	Overall Satisfaction
18- 26	55,18	23,27	7,9	7,8	9,63	6,54
27- 45	55,45	22,42	7,14	7,97	9,92	7,73
46- 75	49,76	20,07	6,84	7	9	6,84

RESULTS IIEF 15

AGE	Erectile Function	Orgasmic Function	Sexual Desire	Intercourse Satisfaction	Overall Satisfaction
18- 26	No Dysfunc.	Mild Dysfunc.	Mild Dysfunc.	Mild to Moderate Dysfunc.	Mild to Moderate Dysfunc.
27- 45	Mild Dysfunc.	Mild Dysfunc.	Mild Dysfunc.	Mild to Moderate Dysfunc.	Mild Dysfunc.
46- 75	Mild Dysfunc.	Mild to Moderate Dysfunc.	Mild Dysfunc.	Mild to Moderate Dysfunc.	Mild to Moderate Dysfunc.

RESULTS IIEF 15

Surgery	IIEF 15 tot.	Erectile Function	Orgasmic Function	Sexual Desire	Intercourse Satisfaction	Overall Satisfaction
0- 4	50,94	20,43	7,03	7,31	9,11	7,03
5- 9	65,08	24,02	9	8,54	11,25	8,08
>10	35,05	14,25	4	6,25	5,5	5,5

RESULTS IIEF 15

Surgery	Erectile Function	Orgasmic Function	Sexual Desire	Intercourse Satisfaction	Overall Satisfaction
0- 4	Mild Dysfunc.	Mild Dysfunc.	Mild Dysfunc.	Mild to Moderate Dysfunc.	Mild Dysfunc.
5- 9	Mild Dysfunc.	No Dysfunc.	Mild Dysfunc.	Mild Dysfunc.	Mild Dysfunc.
> 10	Mild to Moderate Dysfunc.	Moderate Dysfunc.	Moderate Dysfunc.	Moderate Dysfunc.	Mild to Moderate Dysfunc.

Surgical Challenge in Patients Who Underwent Failed Hypospadias Repair: Is It Time to Change?

Group	type of repair	N. patients %	mean follow-up (months)	success rate %	failure rate %
group 1	urethroplasty	301 (25.5%)	58.6 (12-186)	270 (89.7%)	31 (10.3%)
group 2	corporoplasty	60 (5.2%)	63.2 (12-237)	58 (96.7%)	2 (3.3%)
group 3	urethroplasty corporoplasty	166 (14.1%)	60 (12-210)	147 (88.5%)	19 (11.5%)
group 4	genitalia resurfacing	649 (55.2%)	59.8 (12-192)	561 (86.4%)	88 (13.6%)
total		1176	60.4 (12-237)	1036 (88.1%)	140 (11.9%)

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It is a reasonable hypothesis that the outcome of repairing failed hypospadias depends on the number of compartments involved.

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The Pediatric Penile Perception Score: An Instrument for Patient Self-Assessment and Surgeon Evaluation After Hypospadias Repair

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.....we assume **that satisfaction** with genital self-perception by our patients will decrease with advancing age.



European Center for Failed Hypospadias Repair



Long-term outcome of penile appearance and sexual function after hypospadias repairs: situation and relation

**Chenwei Jiao · Rongde Wu · Xiaoqing Xu ·
Qihai Yu**

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The main reason for dissatisfaction was smaller penile size and curvature.

NRV Dutch Survey of Intimate Relations (Nederlandse RelatieVragenlijst)

IIEF International Index of Erectile Function

I-PSS International Prostate Symptom Score

PPPS Pediatric Penile Peception Score

SHIM Sexual Health Inventory for Men

Uroflowmetry



Conclusions

IIEF 15

NO

Epidemiology
Incidence

Number of
compartment
involved

Surgical techniques

Questionary

Results

.....see you for the

2 nd International Conference on Failed Hypospadias Repair
2012