

STATISTICAL TABLES—Continued.

Number of case.	Age.	Cause and Date of.	Number of Strictures.	Locality of Stricture.	Size of Strictures.	Norm. Calibre of Urethra.	Condition at Date of Operation.	Complications.	Number of Operations.	Accidents after Operation.	Results.	Re-examinations.
30	19	Gonorrhœa two years previous.	7	1 in. 25 2 1/2 in. 31 3 in. 26 3 1/2 in. 22 3 1/2 in. 31 4 in. 31 5 1/2 in. 27	2 1/2 in. 31 3 in. 26 3 1/2 in. 22 3 1/2 in. 31 4 in. 31 5 1/2 in. 27	31	Frequent and painful micturition. Repeated urethral chills, caused by attempted dilatation. Gleet.	Gleet	1	Chills.	Cure	Five months after operation. No recontraction. Perfectly well at date, January, 1875.
31	19	Masturbation	1	1/2 in. 26	1/2 in. 26	32	Frequent and painful micturition. pain in perineum, glans penis, thighs, testicles, nervousness.	Gleet. Spasmodic stricture at seven inches.	2	Prostatic abscess.	Relief for three months. Return of symptoms. Recontraction discovered. Second operation. Partial return of symptoms four months after. Immediate relief of spasmodic stricture, under other care Pros. abscess reported ten days after.	
32	24	Gonorrhœa	2	Meat. 29 2 in. 29	29 29	31	Gleet.	Gleet. Spasmodic stricture at seven inches.	1		Cure	Two mos. after operation. No recontraction.
33	25	Gonorrhœa six years ago. Frequently since.	1	1/2 in. 24	1/2 in. 24	31	Gleet. Vesical tenesmus.	Cystitis, gleet, pleurisy, with effusion. Aggravation of symptoms from diuretics.	1		Immediate relief of all symptoms connected with the urinary organs. Tolerance of diuretics re-established.	
34	29	Gonorrhœa six months previous	5	3 in. 24 3 1/2 in. 24 3 1/2 in. 26 4 1/2 in. 29	24 24 26 29	31	Gleet.		1			

35	46	Gonorrhœa	1	1/4 in. 19	19	31	Frequent and painful micturition. Pain in shoulder, neck, knees, legs. Painful erections.	Painful erections.	4		Recontraction of stricture three times. Last operation about a month ago. Perfect relief after each operation, until recontraction occurred. Cure of troubles within a month. Gleet, etc.	
36	38	Gonorrhœa six years previous.	2	in. 26 2 in. 30	26 30	32	Painful micturition. Gleet.	Gleet. Spasmodic stricture.	1		Cure of gleet and the nervous trouble in testicles. Cure. 32 passes with ease into the bladder after division of the meatus. No recontraction after two weeks.	Re-examined two weeks after operation. No recontraction.
37	41	Gonorrhœa six years previous.	2	Meat. 24 1 in. 24	24 24	30	Gleet. Unpleasant sensation in testicles.	Gleet.	1		Cure of gleet and frequent micturition.	Three months after operation recontraction at meatus. No trace of deep strictures.
38	47	Gonorrhœa twelve years previous.	1	1/4 in. 28	28	32	Frequent micturition. Irritation in deep urethra. Had been treated for deep stricture.		1			
39	28	Gonorrhœa six and five years previous.	5	Meat. 22 1 in. 31 1 1/2 in. 31 2 in. 31 2 1/2 in. 31	22 31 31 31 31	34	Frequent and painful micturition. Gleet. Weakness.	Gleet.	2	Diphtheritic exudation on surface of wound at meatus after first operation	Cure of gleet for one month when patient acquired a fresh gonorrhœa. Recovery with thirty f. calibre. To continue use of sound as recontraction at some point had taken place. Further operation deferred.	
40	28	Gonorrhœa seven years previous.	1	1/4 in. 30	30	34	Gleet.	Gleet.	2			
41	29	Gonorrhœa	5	Meat. 24 3 1/2 in. 9 4 1/2 in. 9 Memb. port.	24 9 9 8	32	Frequent and painful micturition. Gleet. Frequent attacks of retention of urine.	Gleet. Retention of urine.	1	Uretra-fever. Hemorrhage, causing retention and necessitating perineal incision and aspiration of the bladder.		Recontracted on slight after one month.

STATISTICAL TABLES—Continued.

Number of Case.	Cause and date of	Number of Strictures.	Locality of Stricture.	Size of Strictures.	Norm. Calhb. of Urethra.	Condition at date of Operation.	Complications.	Number of Operations.	Accidents after Operation.	Results.	Re-examination.
42 39	Masturbation.....	1	1/4 in.	28 32		Frequent painful micturition. Pain in thighs, knees and legs.	Frequent seminal emissions.	1		Immediate relief of all reflex troubles. Cessation of seminal emissions for one month. Return of trouble. No re-examination.	
43 57	Follicular ulceration.	3	From Meatus to 1 in. 2 1/4 in. 26 2 1/4 in. 23 1/4 in. 28 34	32		Frequent and painful erections. Very severe pains in thighs and feet. Extreme sensitiveness of glans penis.	Urethral fistula. Urinary abscess over right crus penis.	2		Cure. Immediate relief following operation. Urinary abscess healed in ten days. Perfectly well four months after operation. No re-examination.	
44 24	Masturbation.....	1	1/4 in. 28 34	34		Excessive sensitiveness of glans.	Frequent seminal emissions. Premature discharge of seminal fluid.	1		Cure of sensitiveness of glans, and consequent relief of seminal trouble.	
45 32	Gonorrhœa six years previous.	1	Meatus.	23 31		Frequent micturition.....	Retention of urine repeatedly. Spasmodic stricture at membranous portion.	1		Cure. Perfectly well four months after operation.	

46 21	Gonorrhœa three and a half years and also two months previous	5	Meatus. 1/4 in. 26 2 1/4 in. 26 1 in. 30	26 36		Gleet	Gleet	1		Cure of gleet within two weeks. Re-examination three weeks after operation. No recontraction.	Three weeks after operation. No recontraction.
47 28	Gonorrhœa six years previous.	7	Meatus. 1 in. 22 2 in. 30 2 1/4 in. 30 1 1/2 in. 30 4 in. 30 4 1/2 in. 30 1 1/4 in. 20 1 1/2 in. 20 3 in. 27 4 in. 27	22 32		Gleet, lasting six years	Gleet	4		Cure.	One and two and a half years after operation. No recontraction.
48 25	Gonorrhœa ten and also seven years previous.	5	1/4 in. 20 1 1/4 in. 20 3 in. 27 4 in. 27	20 28		Gleet for seven years	Gleet	3	Hemorrhage controlled by tube.	Cure.	Seven months after operation. No recontraction.
49	Gonorrhœa five years previous.	4	Meatus. 2 1/4 in. 26 2 1/4 in. 30 3 in. 31	32		Gleet	Gleet	4		Cure.	Three months after last operation. No recontraction.
50	Gonorrhœa twelve years previous.	1	Meatus.	22 32		Gleet	Gleet. Frequent erections. Urethra near meatus.	3		Cure of gleet. Smusses healed. No re-examination.	
51 62	Gonorrhœa forty-one years previous.	2	Meatus. 2 in. 30	28 33		Frequent micturition.....	Spasmodic stricture at membranous portion, dilated for twenty yrs.	1		Immediate relief followed operation. Intervals between micturition, eight hours. One month after operation, relief permanent. No recontraction.	
52 72	Masturbation.....	3	Meatus. 2 1/4 in. 28 3 1/4 in. 28	34		Frequent micturition, followed by severe pain in back and soreness in urethra.	Weekly seminal emissions. Priapism.	1		Relieved from frequent micturition and priapism for about three weeks. Return of trouble. No re-examination.	

STATISTICAL TABLES—Continued.

Number of case.	Age.	Cause and date of	Number of Strictures.	Locality of Strictures.	Size of Strictures.	Norm. Calib. of Urethra.	Condition at date of Operation.	Complications.	Number of Operations.	Accidents after Operation.	Results.	Re-examinations.
53	25	Gonorrhoea ten years previous.	5	1 $\frac{1}{2}$ in. 3 b'nds 20 4 $\frac{1}{2}$ in. 2 b'nds 27	30	Gleet. Irritable bladder.	Gleet		2		Cure	Re-examined thirteen months after operation cure still perfect.
54		Gonorrhoea	8	Meat. 22 2 $\frac{1}{2}$ in. 22 2 $\frac{1}{2}$ in. 26 2 $\frac{1}{2}$ in. 24 3 in. 30 3 $\frac{1}{2}$ in. 30 4 $\frac{1}{2}$ in. 24 5 in. 24	22 31	Gleet	Gleet		5	Hemorrhage not very severe. Controlled by tube.	Cure	Thirteen months after last operation. No re-contraction.
55		Gonorrhoea two and also one and a half years previous.	3	2 $\frac{1}{2}$ in. 29 3 $\frac{1}{2}$ in. 27 2 $\frac{1}{2}$ in. 27	30	Gleet	Gleet		5	Hemorrhage not very severe. Controlled by tube.	Cure	One year after last operation no re-contraction.
56		Gonorrhoea five and two years previous.	1	$\frac{1}{2}$ in.	24 30	Gleet	Gleet		2		Cure	Half a year after last operation no gleet no re-contraction.

57	23	Gonorrhoea one year previous.	10	Meat. $\frac{2}{3}$ in. 22 1 in. 31 1 $\frac{1}{2}$ in. 22 1 $\frac{1}{2}$ in. 31 1 $\frac{1}{2}$ in. 40 2 in. 33 2 $\frac{1}{2}$ in. 37 3 $\frac{1}{2}$ in. 37 4 $\frac{1}{2}$ in. 37	24 40	Gleet	Gleet		8		Cure of gleet. No re-contraction at any point after six months. Contracted another gonorrhoea.	Six months after last operation no re-contraction.
58	30	Gonorrhoea	2	Meat. 21 2 $\frac{1}{2}$ in. 18	30	Pain and uneasiness in perineum and glans penis.	Gleet. Great nervousness.		3		Freedom from symptoms following each operation, and continuing from one to two months.	
59	27	Gonorrhoea	1	Meat... 24	30	Gleet. Profuse purulent discharge, caused by intercourse.	Gleet. Spasmodic stricture at membrane porous portion.		1		Cure, remaining complete one year after the operation.	Six months after the operation no re-contraction.
60	32	Gonorrhoea ten years previous Masturbation.	1	Meat... 22	30	Gleet	Frequent seminal emissions. Nervousness. Gleet. Intense pain following seminal emissions.		1		Cure of gleet within two weeks. Married at the end of one month. Re-examined two months after. No return of trouble.	Two months after operation. No re-contraction.
61	40	Gonorrhoea twelve years previous.	1	$\frac{1}{2}$ in.	26 30	Frequent micturition. Pain in penis. Gleet.	Gleet. Intense pain following seminal emissions.		2		Cure. Relief of pain and frequent micturition. Cessation of discharge for three months, when it returned, and also the frequent micturition. Re-contraction found. Second operation followed by renewed relief, which continued for six months when he contracted a fresh gonorrhoea.	

STATISTICAL TABLES.—Continued.

Number of Case.	Age.	Cause and date of.	Number of Strictures.	Locality of Strictures.	Size of Strictures.	Norm. Calib. of Urethra.	Condition at date of Operation.	Complications.	Number of Operations.	Accidents after Operation.	Results.	Re-examination.
62	45	Gonorrhoea twice.	1	Meat...	28	38	Irritability of bladder. Pain after connection.	Spasm of stricture at membranous portion.	2		Immediate relief. Recontraction after two months. Return of trouble. Second operation followed by relief, which was permanent six months after operation.	Six months after operation. No recontraction.
63	34		1	3 in.	15	34	Pain in back, hypogastrum. Glands, testicles, inner aspect of thighs and knees.	Double hydrocele. Frequent seminal emissions.	3		Immediate relief of pains. Disappearance of hydrocele within a month. Two reconstructions with return of symptoms. Third operation followed by relief, which continues one year after operation.	
64	50	Gonorrhoea twenty-five years previous.	1	1/2 in.	18	30	Irritability of bladder. Gleet for five years.	Gleet.	2		Cure; return of symptoms five months after first operation.	Two and a half years after second operation, remains perfectly well.
65	37	Masturbation.	4	Meat. 1 in. 34 3 in. 34 3 1/2 in. 34	30	38	Constant desire to urinate. Burning in penis. Pain at meatus, in back hypogastrum, right testicle and legs.	No erections; no venereal desire for four months.	1	Diphtheritic exudation. Acute urethritis.	Relief of pains. Patient still under treatment three weeks after operation.	

66	59	Gonorrhoea first twenty-nine years previous. Several attacks since.	4	1/4 in. 20 1 1/4 in. 20 3 1/4 in. 20 4 1/4 in. 15	20	34	Frequent and painful micturition. Strangury. Pain in perineum, above pubes and in groins.	Cystitis.	4		Immediate relief of pains and strangury. Pus in urine diminished. Frequent micturition persists. Still under treatment.	Two months after operation, no recontraction.
67	47	Gonorrhoea twenty-five years previous.	2	3/4 in. 28 two bands.	28	32	Frequent and painful micturition. Small stream.		1		Cure.	
68	51	Gonorrhoea twenty years previous.	1	Meat. 3 1/4 in. 41 5 1/4 in. 41	21	34	Micturition every hour.	Loss of sexual power.	1	Diphtheritic deposit.	Immediate relief of frequent erections. Patient still under treatment.	
69	52	Gonorrhoea.	2	3 1/4 in. 41 5 1/4 in. 41			Frequent micturition. Pus in urine.	Subpubic and perineal fistule.	1		Relief of symptoms.	
70	31	Gonorrhoea four times; last attack three years previous.	5	Meat. 2 in. deep. 3 in. 21		30	Difficult micturition. Blood in urine. Urine in drops. Pain in back.		2		Cure of symptoms. No re-examination.	
71	35	Gonorrhoea.	1	1/2 in. 25	25	34	Gonorrhoea acute for five months.	Gonorrhoea.	2		Immediate relief to acute symptoms. Still under treatment.	Recontraction after one month.
72	32	Gonorrhoea seven years previous. Several times since.	2	Meat. 3 in. 19	34	38	Gleet.	Gleet.	2		Relief of discharge. Slight recontraction after one month.	Recontraction at meatus. None of deep stricture.
73	29	Gonorrhoea three months previous.	2	1/4 in. 26 2 1/4 in. 29	26	30	Gleet.	Gleet. Spasmodic stricture.	3		Relief of spasmodic stricture. Slight discharge remains.	Three months after operation found contraction at three inches.
74	28	Paraphimosis accidental.	4	1 1/4 in. 16 2 1/4 in. 21 2 1/4 in. 21 2 1/4 in. 21	16	31	Gleet.	Retention of urine. Gleet.	3		Relief of symptoms.	

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75	40	Gonorrhœa seven years previous.	1	Meat.	28	32	Difficult micturition, followed by pain in urethra. Gleet.	Gleet	1		Cure	
76	29	Gonorrhœa two years, also two months previous.	1	$\frac{1}{2}$ in.	26	31	Burning in urethra during micturition. Pain in back. Gleet.	Gleet	1		Cure	
77	38	Gonorrhœa thirteen years previous.	1	Meat.	24	33	Frequent micturition. Pain in deep urethra and testicles. Nervous feeling in thighs and legs. Burning of hands and feet. Frequent and painful micturition.		4		Cure	
78	54	Gonorrhœa fourteen years previous.	2	$3\frac{1}{2}$ in. 6 in.	26	---	Frequent and painful micturition. Pain at glans penis. Purulent urine. Burning in urethra during seminal emissions.		1	Chills.	Perfect relief.	
79	40	Gonorrhœa twelve and also one yr. previous.	1	$\frac{1}{2}$ in.	21	34	Frequent and painful micturition. Pain at glans penis. Purulent urine. Burning in urethra during seminal emissions.		4		Cure	

80	40	Use of syringe to prevent gonorrhœa.	1	Meat.	22	30	Frequent micturition		1		Relieved of frequent micturition for two years. Return of same trouble. Recontraction found. To be operated on again.	Recontraction found after two years.
81	43	Gonorrhœa repeatedly.	1	$\frac{1}{2}$ in.	20	28	Frequent and painful micturition.	Cystitis. Follicular inflammation of urine into the perineum. Deep, spasmodic stricture.	1		Division of meatus and incision into perineal abscess, followed by immediate relief of symptoms. Cure of cystitis in two weeks without other treatment. No subsequent re-examination.	
82	35	Gonorrhœa fifteen years ago. Several attacks since. Use of powerful injection.	3	$\frac{1}{2}$ in. 2 in. 28	28	31	Pain in groins extending to feet. Peculiar motion of testicles, causing great suffering.	Peculiar motion of testicles, causing great suffering.	2		Reflex movements ceased after operation, also pains. Eight months after operation return of trouble. No re-examination.	
83	51	Congenital contraction.	1	Meat.	20	30	Frequent micturition		3	Urethritis, followed by gleet, lasting 4 months.	Perfect relief for one year. Return of symptoms. Second operation followed by urethritis and gleet. Third operation followed by complete relief, which after eighteen months remains perfect.	
84	54	Gonorrhœa twenty and also eight years previous.	3	$\frac{1}{2}$ in. 1 $\frac{1}{2}$ in. 2 $\frac{1}{2}$ in.	20	31	Frequent and painful micturition. Pain in penis, testicles, thighs, perineum. Long attacks of retention of urine. Gleet. Chronic cystitis.	Cystitis. Gleet. Gravel. Retention of urine previously.	2		Cure. One month after first operation, re-contraction. Re-division of stricture at meatus. Relief. Perfectly well three months after, as reported by his physician.	
85	---	Gonorrhœa five months previous.	1	Meat.	16	30	Gleet	Gleet	2		Cure	

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86	22	Gonorrhoea five years previous.	3	$\frac{1}{2}$ in. 2 $\frac{1}{2}$ in. 2 $\frac{1}{2}$ in.	24 31 24	Occasional increased frequency of micturition.	Redundant prepuce. Circumcision.	1		Gleet ceased for six months. Then he had a fresh gonorrhoea, followed by gleet.	Six months after operation re-contraction at meatus. None of deeper strictures.
87	47	Gonorrhoea twenty and three years previous.	1	$\frac{1}{2}$ in.	22	Return of gleet after each venereal indulgence.	Gleet.	1		Cure. No return of trouble six months, also one year after operation.	
88	28	Gonorrhoea	2	Meat. 2 in.	24 31	Gleet for two years.	Gleet.	1		Cure of gleet. No return when patient was seen last.	
89	30	Gonorrhoea ten years previous.	1	$\frac{1}{2}$ in. 3 in.	17 34	Gleet.	Gleet.	3	Gonorrhoeal phlegmatism.	Cessation of gleet for three months. Recontraction at three inches and return of discharge. Still under treatment.	Recontraction at three inches six months after operation.
90	45	Gonorrhoea twenty years previous.	2	Meat.	22 34	Several attacks of retention of urine. Treated for deep stricture. Trouble referred to neck of bladder.	Spasm. Retention of urine.	1	Prostatic abscess.	Complete relief. After division of meatus thirty-four sound passed into bladder. Passed out of observation one week after operation.	

91	47	Gonorrhoea twenty five years previous.	2	$\frac{1}{2}$ in. two bands.	28 37	Frequent micturition. Granular urethra and great sensitiveness of urethra.	Granular urethra.	1		Cure. Immediate relief to frequent micturition. Urethral trouble disappeared without further treatment.	
92	34	Gonorrhoea ten years previous.	1	$\frac{1}{2}$ in.	27 31	Frequent micturition. Sense of fullness in urethra. Highly spasmodic condition of urethra.		1		Cure of frequent micturition and abnormal sensations in urethra.	
93	47	Gonorrhoea twenty years previous.	7	Meat. 1 in. 2 in. 3 $\frac{1}{2}$ in. four bands. membr portion filiform	24 31 22 15	Frequent micturition. Two attacks of retention of urine. Small stream.	Retention of urine.	1	Chills.	Relief of all symptoms which continues.	Two months after the operation no recontraction.
94	10	Balanitis	1	Meat.	12 22	Incontinence. Frequent micturition.	Phymosis circumcision.	2		Cure. Immediate relief of incontinence. Return of incontinence. Recontraction. Re-division of meatus. Perfect relief of incontinence up to date.	Three months after last operation.
95	50	Gonorrhoea twenty years previous.	2	$\frac{1}{2}$ in. 2 $\frac{1}{2}$ in.	27 32	Frequent micturition. Pain and tenderness in hypogastrium and back. Small stream. Dribbling.		1		Immediate relief of symptoms, which continues up to date.	
96	27	Masturbation	1	Meat.	30 38	Frequent micturition. Sense of wetness about glans. Dribbling.	Frequent seminal emissions.	3		Cure. Remains perfectly well eight months after last operation. Recontraction with return of symptoms twice.	Eight months after last operation no recontraction.
97	27	Gonorrhoea seven years ago. Several attacks subsequently.	2	$\frac{1}{2}$ in. 1 in	20 31	Frequent and painful micturition. Pain in penis, perineum, rectum. Constant desire to defecate.	Poststatic enlargement.	2		Relief of all symptoms for two months. Recontraction with return of symptoms. Second operation followed by relief, which after ten months remains perfect.	Ten months after last operation, no recontraction.

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98	33	Gonorrhoea thirteen years previous.	14	Meat. 1 in. 19 2 in. 15 3 in. 10 3 to 4 in. 4 in. 6 bands 4 in. to 6 in. 6 in. to 7 in. 2 bds 6 in. to 7 in. 7 in. to 8 in. 3 bds	22 30 1 in. 19 2 in. 15 3 in. 10 3 to 4 in. 4 in. 6 bands 4 in. to 6 in. 6 in. to 7 in. 2 bds 6 in. to 7 in. 7 in. to 8 in. 3 bds	30	Gleet. Retention of urine. Urine in drops.	Gleet. Retention.	2	Chills after introduction of instruments.	Complete relief of symptoms. External and internal operations combined.	Recontraction of two strictures to 24.
99	30	Gonorrhoea	8	7 in. 1 in. } 27 3 bds } 3 in. } 25 2 in. } 26 2 in. } 26 3 in. } 4	31	Gleet for two years	Gleet	3	Curvature of penis during erection. Disappeared after one year.	Cure of gleet	One year and a half after operation, no recontraction, except at two points, between three and four ins.	One year and a half after last operation, no recontraction.
100	30	Gonorrhoea ten years previous.	2	Meat. 6 in. 17	30	Frequent and painful micturition. Gleet.	Gleet	2		Cure	Cure	

Total number of operations, 203

CHAPTER VI.

ITINERARY.

ABOUT three months after the presentation of the foregoing paper to the State Medical Society, I made a voyage to Europe with my family, stopping incidentally in London. Not hitherto satisfied with the mechanism of the urethrametre I availed myself of the exceptional skill of Messrs. Mayer & Meltzer, Surgical Cutlers to the University Hospital College of London, to substitute steel springs for the jointed arms. By this improvement the instrument was rendered more valuable through increased accuracy and freedom from points of friction. The dilating urethrotome was also improved at that time, concealing the blade by dropping it into a groove at the end of the instrument.

Presenting a letter to Mr. Berkeley Hill, from my friend Dr. Bumstead, I was cordially received. I soon found that Mr. Hill was *au courant* with my published views and in general harmony with them. By his invitation, on the 7th of July, 1875, I delivered a clinical lecture at the University College Hospital, embodying my peculiar views on urethral Stricture with practical demonstration, before a large body of students and medical men. A report of this lecture, by the late M. Victor de Meric, may be found in the London Lancet of July 24th, 1875.

I called upon Sir Henry Thompson, author of several works on genito-urinary diseases, and perhaps the greatest accepted living authority on all such matters. My previous published criticism of his teachings on urethral Stricture, (p. 69, *et sequitur*), while purely impersonal and scientific, did not lead me to expect a cordial acceptance of my views. They