

## 京都市立病院泌尿器科における5年6カ月間 (1981年7月～1986年12月)の入院患者および手術統計

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CLINICAL STATISTICS OF THE PATIENTS ADMITTED TO  
THE DEPARTMENT OF UROLOGY, KYOTO CITY HOSPITAL,  
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A statistic survey was made on the patients, diseases, and operations experienced at the urological ward of Kyoto City Hospital between July, 1981 and December, 1986.

**Key words:** Clinical statistics, Inpatients, Kyoto City Hospital

### はじめに

京都市立病院における5年6カ月間にわたる入院患者および手術に関する統計を報告する。京都市立病院は市内西部にあり、総病床数491床、医師数94人で、京都市内では中規模の病院である。泌尿器科専用病棟があり、病床数31床と、これに透析病床10床が附属している。泌尿器科常勤医師は5人である。

なお、1967年以降の12年間における入院患者統計は上山ら(1979)<sup>1)</sup>が報告した。

### 対象と方法

著者が就職した1981年7月から1986年12月までの泌尿器科入院患者を対象とした。疾患分類は主としてKaufman(1986)<sup>2)</sup>の記載を参考にした。手術統計は単に術式を羅列することはさけて、手術の対象となった疾患別に整理した。

### 成績ならびに注釈

#### I 入院患者数 (Table 1)

入院患者数は延べ数ではなく実数とした。同一患者が同一年度に複数回入院した場合は1名と数え、入院が次年度にわたった場合は初年度へのみ算入した。ただし、年度が変わって再入院した場合はその年度の患者とした。年間平均病床稼働率は1981年の87.1%から年々上昇し、1985年には98.7%に達した。

#### II 疾患別統計

##### 1. 腫瘍ならびに関連疾患 (Table 2)

副腎皮質腺腫は無症候性腺腫で腎および後腹膜疾患における手術中に偶然発見した。腎偽腫瘍は aberrant papilla および column of Bertin であった。膀胱肉腫は平滑筋肉腫であった。尿道癌のうち原発性は男女各1例で、その他は膀胱癌術後の続発性癌である。adenomatoid tumor は精巣網より発生したものである。偽線維腫瘍は陰囊水腫に併発していた。

Table 1. Age and Sex Distribution

| Years | 1981<br>(July) |           |           | 1982 |    |           | 1983 |    |           | 1984 |    |           | 1985 |    |           | 1986 |    |           |
|-------|----------------|-----------|-----------|------|----|-----------|------|----|-----------|------|----|-----------|------|----|-----------|------|----|-----------|
|       | M              | F         | T (%)     | M    | F  | T (%)     | M    | F  | T (%)     | M    | F  | T (%)     | M    | F  | T (%)     | M    | F  | T (%)     |
| 0-9   | 14             | 15 (11.0) | 26 (10.0) | 22   | 4  | 26 (10.0) | 31   | 6  | 37 (12.8) | 32   | 3  | 35 (10.9) | 23   | 4  | 27 (8.2)  | 26   | 2  | 28 (9.7)  |
| 10-19 | 6              | 8 (5.9)   | 16 (6.1)  | 10   | 6  | 16 (6.1)  | 11   | 6  | 17 (5.0)  | 18   | 5  | 23 (7.1)  | 19   | 5  | 24 (7.3)  | 23   | 4  | 27 (9.4)  |
| 20-29 | 4              | 5 (3.6)   | 9 (3.2)   | 8    | 9  | 17 (6.5)  | 23   | 4  | 27 (9.2)  | 13   | 9  | 22 (6.8)  | 11   | 9  | 20 (6.1)  | 9    | 8  | 17 (5.9)  |
| 30-39 | 6              | 4 (10.7)  | 14 (5.4)  | 11   | 3  | 14 (5.4)  | 12   | 8  | 20 (6.8)  | 15   | 7  | 22 (6.4)  | 20   | 5  | 25 (7.6)  | 22   | 5  | 27 (9.4)  |
| 40-49 | 9              | 6 (11.0)  | 15 (10.3) | 13   | 14 | 27 (10.3) | 15   | 10 | 25 (8.5)  | 20   | 19 | 39 (12.1) | 20   | 12 | 32 (9.7)  | 13   | 3  | 16 (5.8)  |
| 50-59 | 10             | 6 (16.1)  | 27 (13.8) | 27   | 9  | 36 (13.8) | 26   | 13 | 39 (13.3) | 44   | 10 | 54 (16.8) | 36   | 15 | 51 (15.4) | 27   | 16 | 43 (14.9) |
| 60-69 | 25             | 5 (22.1)  | 34 (16.5) | 34   | 9  | 43 (16.5) | 33   | 4  | 37 (12.6) | 34   | 16 | 50 (15.5) | 40   | 13 | 53 (16.1) | 33   | 10 | 43 (14.9) |
| 70-79 | 31             | 1 (23.5)  | 69 (26.4) | 60   | 9  | 69 (26.4) | 62   | 9  | 71 (24.2) | 43   | 12 | 55 (17.1) | 61   | 16 | 77 (23.3) | 46   | 18 | 64 (22.2) |
| 80-89 | 5              | 5 (3.6)   | 12 (4.6)  | 11   | 1  | 12 (4.6)  | 17   | 3  | 20 (6.8)  | 20   | 2  | 22 (6.8)  | 20   | 1  | 21 (6.4)  | 17   | 6  | 23 (8.8)  |
| 90-   | -              | -         | -         | -    | -  | -         | -    | -  | -         | -    | -  | -         | -    | -  | -         | -    | -  | -         |
| Total | 110            | 26        | 136       | 197  | 67 | 261       | 230  | 63 | 293       | 230  | 83 | 322       | 250  | 80 | 330       | 216  | 72 | 288       |

M : male, F : female, T : total

Table 2. Tumors and Related Disorder

|                                   | 1981<br>(July) | 1982 | 1983 | 1984 | 1985 | 1986 | Total |
|-----------------------------------|----------------|------|------|------|------|------|-------|
| Parathyroid gland                 |                |      |      |      |      |      |       |
| Adenoma                           | -              | -    | -    | -    | 2    | 1    | 3     |
| Adrenal gland and Retroperitoneum |                |      |      |      |      |      |       |
| Adrenocortical adenoma            | -              | 1    | 1    | -    | 2    | -    | 4     |
| Adrenocortical carcinoma          | -              | -    | -    | -    | -    | 1    | 1     |
| Retroperitoneal paraganglioma     | -              | -    | -    | -    | 1    | -    | 1     |
| Retroperitoneal fibrosis          | -              | -    | -    | -    | -    | 1    | 1     |
| Kidney                            |                |      |      |      |      |      |       |
| Renal cell carcinoma              | 3              | 4    | 4    | 8    | 8    | 6    | 33    |
| Mesoblastic nephroma              | -              | -    | -    | -    | 1    | -    | 1     |
| Renal pelvic carcinoma            | 2              | 1    | 1    | 2    | 3    | 2    | 11    |
| Pseudorenal tumor                 | 1              | -    | -    | -    | 1    | 1    | 3     |
| Ureter                            |                |      |      |      |      |      |       |
| Carcinoma                         | 1              | 1    | 2    | 3    | 3    | 4    | 14    |
| Bladder                           |                |      |      |      |      |      |       |
| Carcinoma                         | 18             | 32   | 38   | 49   | 43   | 43   | 223   |
| Inverted papilloma                | -              | 1    | -    | 1    | -    | -    | 2     |
| Sarcoma                           | -              | -    | -    | -    | -    | 1    | 1     |
| Prostate                          |                |      |      |      |      |      |       |
| BPH                               | 26             | 60   | 55   | 32   | 53   | 30   | 256   |
| Carcinoma                         | 8              | 11   | 8    | 8    | 14   | 20   | 69    |
| Urethra                           |                |      |      |      |      |      |       |
| Carcinoma                         | 1              | 4    | 1    | -    | -    | 1    | 7     |
| Condyloma                         | 1              | -    | -    | 1    | -    | -    | 2     |
| Ectopic prostate                  | -              | -    | -    | -    | -    | -    | 1     |
| Penis                             |                |      |      |      |      |      |       |
| Carcinoma                         | -              | -    | -    | -    | -    | 1    | 1     |
| Testis and Tunics                 |                |      |      |      |      |      |       |
| Seminoma                          | -              | -    | 2    | 1    | -    | 3    | 6     |
| Non-seminomatous carcinoma        | 2              | 1    | 1    | 1    | -    | -    | 5     |
| Malignant Sertoli cell tumor      | -              | -    | -    | -    | -    | -    | 1     |
| Mature teratoma                   | -              | -    | -    | -    | -    | 1    | 1     |
| Adenomatoid tumor                 | -              | 1    | -    | -    | -    | -    | 1     |
| Pseudofibrous tumor               | -              | -    | -    | -    | -    | -    | 1     |

Table 3. Congenital Disorders

|   |   |    |    |    |    |   |    |
|---|---|----|----|----|----|---|----|
| Kidney  |   |    |    |    |    |   |    |
| Renal dysplasia                                 | - | 2  | 2  | -  | -  | - | 4  |
| Multicystic kidney                              | - | -  | -  | 1  | -  | - | 1  |
| Multilocular renal cysts                        | - | -  | -  | -  | -  | 2 | 2  |
| Polycystic kidney                               | 1 | 2  | 1  | -  | -  | - | 4  |
| Simple renal cysts                              | 1 | 1  | -  | 2  | -  | 2 | 6  |
| Peripelvic renal cysts                          | - | -  | 1  | -  | -  | - | 2  |
| Horseshoe kidney                                | - | 1  | 1  | -  | 1  | - | 3  |
| Calyceal diverticulum                           | 2 | -  | -  | 1  | -  | - | 3  |
| Hydronephrosis due to pelviureteric obstruction | 1 | 4  | 2  | 5  | 2  | 5 | 19 |
| Renal vein                                      |   |    |    |    |    |   |    |
| Left renal venous ring                          | - | -  | -  | -  | 1  | - | 1  |
| Retroaortic left renal vein                     | - | -  | -  | 1  | -  | - | 1  |
| Ureter  |   |    |    |    |    |   |    |
| Magureter                                       | 1 | 2  | 1  | -  | -  | 1 | 6  |
| Ectopic ureter                                  | - | 2  | 2  | -  | -  | - | 4  |
| Ureterocele                                     | - | 3  | -  | -  | -  | - | 3  |
| Vesicoureteral reflux                           | 4 | 8  | 6  | 8  | 6  | 3 | 35 |
| Bladder   |   |    |    |    |    |   |    |
| Congenital diverticulum                         | - | -  | 1  | -  | -  | - | 1  |
| Urethra   |   |    |    |    |    |   |    |
| Hypospadias                                     | - | 1  | 4* | 4  | 4  | 5 | 18 |
| Chordea without hypospadias                     | - | -  | -  | -  | -  | - | 1  |
| Vaginal stricture with wide urethra             | - | -  | -  | 1  | -  | - | 1  |
| Posterior urethral valve                        | - | -  | -  | -  | -  | - | 1  |
| Perameatal urethral cyst                        | - | -  | -  | -  | 1  | 1 | 2  |
| Penis   |   |    |    |    |    |   |    |
| Phimosis  | 5 | 6  | 11 | 10 | 8  | 6 | 46 |
| Webbed penis                                    | 2 | 1  | -  | -  | -  | - | 2  |
| Penile raphe cyst                               | - | 1  | -  | -  | -  | - | 1  |
| Prostate  |   |    |    |    |    |   |    |
| Prostatic cyst                                  | - | -  | -  | 1  | -  | - | 1  |
| Testis  |   |    |    |    |    |   |    |
| Cryptorchidism                                  | 9 | 13 | 14 | 19 | 14 | 9 | 78 |
| Hypoplasia                                      | - | -  | -  | -  | -  | - | 1  |
| Monorchism                                      | 1 | -  | -  | -  | -  | - | 1  |

\* One case of Rothmund-Thomson syndrome included

Table 4. Calculus and Related Disorders

|                      |    |    |    |    |    |    |     |
|----------------------|----|----|----|----|----|----|-----|
| Kidney and/or Ureter | 24 | 39 | 31 | 58 | 47 | 42 | 241 |
| Bladder              | 4  | 4  | 17 | 12 | 9  | 5  | 51  |
| Urethra              | -  | -  | -  | -  | -  | 1  | 1   |

|                     | 1981<br>(July) | 1982 | 1983 | 1984 | 1985 | 1986 | Total |
|---------------------|----------------|------|------|------|------|------|-------|
| Cystinuria          | 1              | 1    | -    | 1    | -    | -    | 3     |
| distal RTA          | -              | -    | 3    | 6    | 3    | 2    | 14    |
| Hypercalcemia       | -              | -    | -    | -    | 1    | 1    | 2     |
| Hypercalciuria      | -              | 1    | 5    | -    | 1    | -    | 7     |
| Hyperoxaluria       | -              | 1*   | 4    | -    | -    | -    | 5     |
| Hyperparathyroidism | -              | -    | -    | -    | 2    | 1    | 3     |
| Hyperthyroidism     | -              | -    | 2    | 1    | -    | -    | 3     |
| Cushing disease     | -              | 1    | -    | -    | -    | -    | 1     |
| Rheumatism          | -              | -    | -    | -    | 1    | -    | 1     |

\* Enteric hyperoxaluria

Table 5. Endocrine Diseases and Related Disorders

|                                |   |   |   |   |   |   |
|--------------------------------|---|---|---|---|---|---|
| Hyperparathyroidism            | - | - | - | 2 | 1 | 3 |
| Cushing disease                | - | 1 | - | - | - | 1 |
| Congenital adrenal hyperplasia | - | 2 | 1 | - | 2 | 1 |
| XX male                        | - | - | - | 1 | - | 2 |
| Male hypogonadism              | - | - | - | - | - | 2 |
| Male pseudohermaphroditism     | - | - | - | - | 2 | 2 |
| Polycystic ovary syndrome      | - | - | - | - | 1 | 1 |

Table 6. Inflammation and Infection

|   |   |   |   |   |    |   |    |
|---|---|---|---|---|----|---|----|
| Acute pyelonephritis                        | - | 3 | 6 | 7 | 10 | 8 | 34 |
| Xanthogranulomatous pyelonephritis          | - | 1 | - | - | -  | - | 1  |
| Pyonephrosis                                | 1 | - | - | - | -  | 1 | 2  |
| Non-specific residual ureteritis            | 1 | - | 1 | - | -  | 1 | 3  |
| Transistat induced cystitis                 | - | - | - | 1 | 1  | - | 2  |
| Interstitial cystitis                       | - | - | 1 | 1 | -  | - | 2  |
| Acute prostatitis                           | - | 1 | - | 4 | 3  | 2 | 10 |
| Prostatic abscess                           | - | - | - | - | 1  | - | 1  |
| Non-specific granulomatous prostatitis      | - | - | 1 | - | -  | - | 1  |
| Acute epididymitis                          | 3 | - | 3 | 6 | 6  | 4 | 22 |
| Mumps orchitis                              | - | - | - | - | 1  | - | 1  |
| Eosinophilic granuloma around base of penis | - | - | - | - | -  | 1 | 1  |
| Abscess of scrotum                          | - | 1 | - | - | -  | - | 1  |
| Chyluria                                    | - | - | 3 | - | -  | - | 3  |

Table 7. Tuberculosis

|                                      |   |   |   |   |   |   |   |
|--------------------------------------|---|---|---|---|---|---|---|
| Kidney, ureter, bladder and prostate | - | - | - | 1 | - | - | 1 |
| Kidney, ureter and bladder           | - | - | - | 1 | - | - | 1 |
| Kidney and ureter                    | - | - | - | 1 | - | - | 1 |
| Epididymis                           | - | - | - | - | - | 1 | 1 |
| Retrovaginal abscess                 | - | - | - | - | - | 1 | 1 |

Table 8. Obstruction and Stasis

|                          |   |   |   |   |   |   |    |
|--------------------------|---|---|---|---|---|---|----|
| Bladder neck obstruction | 3 | 2 | 8 | 7 | 3 | 1 | 24 |
| Bladder diverticulum     | 1 | 2 | 1 | 4 | 1 | - | 9  |
| Neurogenic bladder       | 1 | - | 4 | 2 | 1 | 2 | 10 |

Table 9. Disorders of Scrotal Contents

|                             |   |   |   |   |   |   |    |
|-----------------------------|---|---|---|---|---|---|----|
| Hydrocele testis            | 1 | 2 | 2 | 5 | 2 | 4 | 16 |
| Hydrocele of spermatic cord | 1 | 1 | - | 1 | 3 | 1 | 7  |
| After bil. orchietomy       | - | - | - | 1 | - | - | 1  |
| Obstructive azoospermia     | - | - | - | - | - | 2 | 2  |
| Spermatocele                | - | 2 | 2 | 1 | 1 | 1 | 7  |

Table 10. Injuries and Related Disorders

|  |   |   |   |   |   |   |   |
|--|---|---|---|---|---|---|---|
| Renal contusion  | - | - | 1 | 2 | - | - | 3 |
| Renal laceration   | - | - | - | - | - | 1 | 1 |
| Perirenal hematoma                                       | - | - | - | - | 1 | - | 1 |
| Ureteral stricture (unknown origin)                      | - | - | 1 | - | - | - | 1 |
| Ureteral stricture due to recurrence of rectal carcinoma | - | - | - | - | - | 1 | 1 |
| Bladder invasion of rectal carcinoma                     | - | - | - | 1 | - | - | 1 |
| Bladder invasion of sigmoid carcinoma                    | - | - | 1 | - | - | - | 1 |
| Foreign body of bladder                                  | - | - | - | - | - | 1 | 1 |
| Ileovesical fistula (after radiation therapy)            | 1 | - | - | - | - | 1 | 2 |
| Vesicosigmoid fistula                                    | - | - | - | - | 2 | 1 | 3 |
| Rupture of bladder by blunt trauma                       | - | - | - | - | 1 | - | 1 |

|   | 1981<br>(July) | 1982 | 1983 | 1984 | 1985 | 1986 | Total |
|---|----------------|------|------|------|------|------|-------|
| Urethral stricture due to pelvic fracture | 1              | 3    | 1    | -    | -    | 1    | 6     |
| Urethral stricture                        | -              | -    | 2    | -    | 1    | -    | 3     |
| Urethral bleeding after prostatic biopsy  | -              | -    | -    | -    | -    | 1    | 1     |
| Rupture of testis                         | -              | -    | 1    | 1    | -    | -    | 2     |
| Rupture of hydrocele testis               | -              | -    | -    | -    | -    | 1    | 1     |
| Scrotal laceration                        | -              | -    | -    | -    | 1    | -    | 1     |
| Scrotal hematoma                          | -              | -    | -    | -    | 2    | -    | 2     |
| Testicular dislocation                    | -              | -    | -    | 1    | -    | -    | 1     |
| Parastomal hernia                         | -              | 1    | -    | -    | -    | -    | 1     |
| Abdominal incisional hernia               | -              | -    | -    | -    | -    | 1    | 1     |

Table 11. Female Urologic Disorders

|   |   |   |   |    |   |   |    |
|---|---|---|---|----|---|---|----|
| Ureteral stricture after radical hysterectomy   | - | - | 1 | 2  | 2 | 6 |    |
| Uterovaginal fistula after radical hysterectomy | - | - | - | 1  | - | 1 |    |
| Vesicovaginal fistula after simple hysterectomy | - | - | - | 2  | - | 2 |    |
| Vaginal cystocele                               | - | - | 1 | -  | - | 1 |    |
| Bladder neck polyp                              | 1 | - | - | -  | - | 1 |    |
| Urinary retention                               | - | - | 1 | 4  | 2 | 7 |    |
| Urinary incontinence                            | 1 | 1 | - | -  | - | 2 |    |
| Urethral prolapse                               | - | 1 | 1 | 1  | 1 | 4 |    |
| Paraurethral cyst                               | 1 | - | 2 | -  | 1 | 4 |    |
| Caruncle  | - | 6 | 4 | 10 | 7 | 5 | 32 |

Table 12. Renal Failure

|                       |   |    |    |    |    |    |     |
|-----------------------|---|----|----|----|----|----|-----|
| Acute renal failure   | - | -  | -  | -  | 1  | 1  | 2   |
| Chronic renal failure | 9 | 20 | 23 | 16 | 19 | 15 | 102 |

Table 13. Circulatory Disturbance

|                           |   |   |   |   |   |   |    |
|---------------------------|---|---|---|---|---|---|----|
| Renovascular hypertension | - | - | 1 | - | - | - | 1  |
| Renal hypertension        | - | - | - | - | 3 | - | 3  |
| Renal artery aneurysm     | 1 | - | - | - | - | - | 1  |
| Renal artery embolism     | - | - | - | - | - | 1 | 1  |
| Priapism                  | - | 1 | - | - | - | - | 1  |
| Testicular torsion        | - | - | 1 | 1 | 1 | 1 | 4  |
| Varicocele testis         | 1 | 3 | 7 | 6 | 7 | 5 | 29 |

Table 14. Hematuria and Hemospermia

|                            |   |   |    |    |    |    |    |
|----------------------------|---|---|----|----|----|----|----|
| Idiopathic renal hematuria | 3 | 9 | 17 | 16 | 15 | 17 | 77 |
| Hemospermia                | - | - | -  | 1  | 2  | -  | 3  |

Table 15. Miscellaneous

|                            |   |   |   |   |   |   |   |
|----------------------------|---|---|---|---|---|---|---|
| Chronic glomerulonephritis | - | - | 3 | - | 1 | - | 4 |
| Nephrotic syndrome         | - | - | - | 1 | - | - | 1 |
| Non-functioning kidney     | - | - | - | 1 | - | - | 1 |
| Essential hypertension     | - | - | - | 1 | - | - | 1 |
| Micturition syncope        | - | - | - | 1 | - | - | 1 |
| Herpes zoster              | - | - | - | - | - | 1 | 1 |
| Inguinal hernia            | - | - | 1 | 2 | - | - | 4 |
| Sigmoid volvulus           | 1 | - | - | - | - | - | 1 |
| Gastric volvulus           | - | - | - | - | - | 1 | 1 |
| Chronic hepatitis          | - | - | - | - | - | 1 | 1 |
| Drug eruption              | 1 | - | - | - | - | 1 | 2 |
| Common cold                | - | 1 | - | - | - | - | 1 |

Table 16. Operations for Tumors

|  |   |   |   |   |   |   |    |
|--|---|---|---|---|---|---|----|
| Parathyroid adenoma  | - | - | - | - | - | - | -  |
| Parathyroidectomy  | - | - | - | 2 | 1 | 3 |    |
| Adrenal adenoma  | - | - | - | - | - | - | -  |
| Translumbar adrenalectomy  | 1 | 1 | - | 2 | - | 4 |    |
| Adrenal carcinoma  | - | - | - | - | - | - | -  |
| Thoracoabdominal adrenalectomy   | - | - | - | - | 1 | 1 |    |
| Renal cell carcinoma   | - | - | - | - | - | - | -  |
| Radical nephrectomy  | - | - | - | - | - | - | -  |
| Transabdominal   | 3 | - | 1 | 3 | 1 | 2 | 10 |
| Thoracoabdominal   | 1 | 1 | 2 | 1 | 2 | 2 | 9  |
| Radical nephrectomy and resection of inferior vena cava (thoracoabdominal) | - | - | - | - | 1 | - | 1  |

|  | 1981<br>(July-) | 1982 | 1983 | 1984 | 1985 | 1986 | Total |
|--|-----------------|------|------|------|------|------|-------|
| Simple nephrectomy   | -               | -    | -    | -    | 1    | -    | 1     |
| Partial nephrectomy  | -               | -    | -    | -    | 1    | -    | 1     |
| Enucleation of tumor   | -               | -    | -    | -    | 1    | -    | 1     |
| Congenital mesoblastic nephroma  | -               | -    | -    | -    | -    | -    | -     |
| Radical nephrectomy (transabdominal)   | -               | -    | -    | -    | 1    | -    | 1     |
| Renal pelvic carcinoma   | -               | -    | -    | -    | -    | -    | -     |
| Nephroureterectomy with cuff   | 3               | 1    | 2    | 2    | 3    | 2    | 13    |
| Radical nephroureterectomy with cuff   | -               | -    | -    | -    | -    | 1    | 1     |
| Ureteral carcinoma   | -               | -    | -    | -    | -    | -    | -     |
| Nephroureterectomy with cuff   | -               | 1    | 2    | 2    | 1    | 1    | 7     |
| Partial ureterectomy and ureterovesicostomy                                      | -               | -    | -    | -    | -    | 1    | 1     |
| Ureteral and bladder carcinoma   | -               | -    | -    | -    | -    | -    | -     |
| Nephroureterectomy, simple cystectomy and ileal conduit                          | 1               | -    | -    | -    | -    | -    | 1     |
| Nephroureterectomy, simple cystectomy and ureterocutaneostomy                    | -               | -    | -    | -    | 1    | -    | 1     |
| Bladder carcinoma  | -               | -    | -    | -    | -    | -    | -     |
| Radical cystectomy and ileal conduit   | 1               | 1    | 2    | 4    | 5    | 1    | 14    |
| Radical cystourethrectomy and ileal conduit                                      | 1               | 1    | -    | 2    | 2    | 2    | 8     |
| Female radical cystectomy  | 1               | 1    | 2    | 6    | 2    | 3    | 16    |
| Partial cystectomy   | 2               | 4    | 1    | 5    | 2    | -    | 25    |
| TUR-Bt   | 16              | 22   | 21   | 28   | 23   | 24   | 135   |
| Bladder sarcoma  | -               | -    | -    | -    | -    | 1    | 1     |
| Partial cystectomy   | -               | -    | -    | -    | -    | 1    | 1     |
| Inverted papilloma   | -               | 1    | -    | 1    | -    | -    | 2     |
| TUR-Bt   | -               | -    | -    | -    | -    | -    | -     |
| BFH  | -               | -    | -    | -    | -    | -    | -     |
| Retropubic subcapsular prostatectomy   | 6               | 12   | 9    | 6    | 8    | 3    | 44    |
| Combined subcapsular prostatectomy   | -               | -    | 1    | -    | -    | -    | 1     |
| TUR-P  | 21              | 45   | 43   | 23   | 42   | 21   | 195   |
| Prostatic carcinoma  | -               | -    | -    | -    | -    | -    | -     |
| Castration   | 4               | 8    | 6    | 3    | 9    | 6    | 37    |
| TUR-P  | 3               | 3    | 3    | 2    | 2    | 3    | 16    |
| Radical retropubic prostatectomy   | -               | -    | 1    | 1    | -    | 3    | 5     |
| Staging lymphadenectomy  | -               | -    | -    | -    | -    | 2    | 2     |
| Urethral carcinoma   | -               | -    | -    | -    | -    | -    | -     |
| Anterior urethrectomy (female)   | -               | -    | 1    | -    | -    | -    | 1     |
| Total urethrectomy (male)  | -               | -    | 1    | -    | -    | -    | 1     |
| Total urethroprostatectomy   | -               | -    | 1    | -    | -    | -    | 1     |
| Total penile amputation, perineal urethrostomy and inguinal lymphnode dissection | -               | -    | -    | -    | -    | 1    | 1     |
| Ectopic prostate   | -               | -    | 1    | -    | -    | -    | 1     |
| TUR-P  | -               | -    | -    | -    | -    | -    | -     |
| Penile carcinoma   | -               | -    | -    | -    | -    | 1    | 1     |
| Partial penile amputation and inguinal lymphnode dissection                      | -               | -    | -    | -    | -    | 1    | 1     |
| Testicular tumors  | -               | -    | -    | -    | -    | -    | -     |
| High inguinal orchectomy   | 3               | 2    | 3    | 1    | 1    | 4    | 14    |
| Retropitoneal lymphnode dissection   | -               | 1    | 2    | -    | -    | 1    | 4     |
| Excision of retroperitoneal metastatic tumor                                     | -               | -    | 1    | -    | -    | -    | 1     |
| Retropitoneal paraganglioma  | -               | -    | -    | -    | 1    | -    | 1     |
| Thoracoabdominal excision of tumor   | -               | -    | -    | -    | -    | -    | -     |
| Retropitoneal fibrosis   | -               | -    | -    | -    | -    | -    | -     |
| PNS and Ureterolysis   | -               | -    | -    | -    | -    | 1    | 1     |

Table 17. Operations for Congenital Disorders

|   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|
| Multicystic kidney  | - | - | - | 1 | - | - | 1 |
| Nephrectomy   | - | - | - | - | - | - | - |
| Multilocular renal cyst                                   | - | - | - | - | - | 2 | 2 |
| Nephrectomy   | - | - | - | - | - | - | - |
| Simple renal cysts  | - | - | 1 | 1 | - | - | 2 |
| Deroofing   | - | - | - | - | - | - | - |
| Percutaneous puncture                                     | 1 | - | - | 1 | - | 2 | 4 |
| Calyceal diverticulum                                     | - | - | - | - | - | - | - |
| Deroofing with division of calyceal neck                  | - | 2 | - | - | 1 | - | 3 |
| Hydronephrosis due to pelvi-ureteric junction obstruction | - | - | - | - | - | - | - |
| Pyeloplasty   | - | - | 1 | 4 | - | 2 | 7 |
| Anderson-Hynes  | - | - | - | 1 | - | - | 1 |
| Culp  | - | - | - | - | - | - | - |
| Helistrom   | - | - | - | - | - | 1 | 1 |

|  | 1981<br>(July-) | 1982 | 1983 | 1984 | 1985 | 1986 | Total |
|--|-----------------|------|------|------|------|------|-------|
| Megaureter                                       | -               | -    | -    | -    | -    | -    | -     |
| Ureteroplasty                                    | -               | -    | -    | -    | -    | -    | -     |
| Hendren  | 1               | 2    | 1    | -    | -    | -    | 4     |
| Folding-under                                    | -               | -    | -    | -    | -    | 1    | 1     |
| Ectopic ureter                                   | -               | -    | -    | -    | -    | -    | -     |
| Nephroureterectomy                               | -               | 1    | -    | -    | -    | -    | 1     |
| Heminephroureterectomy                           | -               | 1    | 1    | -    | -    | -    | 2     |
| Heminephroureterectomy and seminal vesiculectomy | -               | -    | -    | 1    | -    | -    | 1     |
| Ureterocele                                      | -               | -    | -    | -    | -    | -    | -     |
| Ureterocelectomy                                 | -               | -    | 2    | -    | -    | -    | 2     |
| Transurethral ureterocelectomy                   | -               | -    | 1    | -    | -    | -    | 1     |
| VUR  | -               | -    | -    | -    | -    | -    | -     |
| Ureterovesicoplasty (Cohen)                      | 3               | 8    | 5    | 8    | 6    | 3    | 33    |
| Nephroureterectomy                               | -               | -    | 1    | -    | -    | -    | 1     |
| Congenital bladder diverticulum                  | -               | -    | -    | -    | -    | -    | -     |
| Diverculectomy                                   | -               | -    | 1    | -    | -    | -    | 1     |
| Hypospadias                                      | -               | -    | -    | -    | -    | -    | -     |
| First-stage repair                               | -               | 1    | 3    | -    | 2    | 1    | 7     |
| Second-stage repair                              | -               | -    | 2    | 1    | 2    | 2    | 7     |
| Posterior urethral valve                         | -               | -    | -    | -    | -    | -    | -     |
| TUR-V  | -               | -    | -    | 1    | -    | -    | 1     |
| Paramental urethral cyst                         | -               | -    | -    | -    | -    | -    | -     |
| Deroofing  | -               | -    | -    | -    | 1    | 1    | 2     |
| Complete phimosis                                | -               | -    | -    | -    | -    | -    | -     |
| Dorsal incision                                  | 5               | 6    | 11   | 10   | 7    | 7    | 46    |
| Webbed penis                                     | -               | -    | -    | -    | -    | -    | -     |
| Phalloplasty                                     | -               | 2    | -    | -    | -    | -    | 2     |
| Penile raphe cyst                                | -               | -    | -    | -    | -    | -    | -     |
| Excision   | -               | 1    | -    | -    | -    | -    | 1     |
| Prostatic cyst                                   | -               | -    | -    | -    | -    | -    | -     |
| TUR-P  | -               | -    | -    | 1    | -    | -    | 1     |
| Cryptorchism                                     | -               | -    | -    | -    | -    | -    | -     |
| Orchidopexy                                      | 11              | 12   | 13   | 17   | 14   | 9    | 76    |
| Orchiectomy                                      | 1               | -    | -    | -    | -    | -    | 1     |
| Hypoplasia                                       | -               | -    | -    | -    | -    | -    | -     |
| Orchiectomy                                      | -               | -    | 1    | -    | -    | -    | 1     |
| Monorchism                                       | -               | -    | -    | -    | -    | -    | -     |
| Exploration                                      | 1               | -    | 1    | -    | -    | 1    | 3     |

Table 18. Operations for Stones

|  |   |    |    |    |   |    |    |
|--|---|----|----|----|---|----|----|
| Renal stone                                  | - | -  | -  | -  | - | -  | -  |
| Nephrolithotomy                              | 3 | 1  | 1  | 2  | 1 | -  | 8  |
| Partial nephrectomy and nephrolithotomy      | 3 | 1  | 2  | -  | - | -  | 6  |
| Partial nephrectomy                          | - | -  | 2  | -  | - | -  | 2  |
| Pyelolithotomy                               | 2 | 14 | 6  | 15 | 2 | -  | 40 |
| Nephrectomy                                  | 1 | 2  | 1  | 1  | - | -  | 5  |
| PNL  | - | -  | -  | -  | - | 5  | 5  |
| Ureteral stone                               | - | -  | -  | -  | - | -  | -  |
| Ureterolithotomy                             | 6 | 11 | 10 | 7  | 8 | 4  | 53 |
| Partial ureterectomy and ureteroureterostomy | - | 1  | -  | -  | - | -  | 1  |
| Uterolithotomy and intubated ureteroplasty   | - | -  | 1  | 1  | - | -  | 2  |
| TUL  | - | -  | -  | -  | - | 11 | 11 |
| Bladder stone                                | - | -  | -  | -  | - | -  | -  |
| Cystolithotomy                               | 2 | 2  | 2  | 3  | 3 | -  | 12 |
| Litholapaxy                                  | 2 | -  | 3  | 2  | 1 | 3  | 8  |
| Percutaneous cystolithotomy                  | - | -  | -  | -  | - | 1  | 1  |
| Urethral stone                               | - | -  | -  | -  | - | -  | -  |
| Lithotripsy                                  | - | 1  | -  | -  | - | -  | 1  |

Table 19. Operations for Endocrine and Related Disorders

|  |   |   |   |   |   |   |   |
|--|---|---|---|---|---|---|---|
| Congenital adrenal hyperplasia         | - | - | - | - | - | - | - |
| Reduction citriplasty                  | - | 1 | 1 | - | - | 1 | 3 |
| Vaginoplasty                           | - | 1 | - | - | - | - | 2 |
| XX male and Male Pseudohermaphroditism | - | - | - | - | - | - | - |
| Reduction mamoplasty                   | - | - | - | - | 2 | 1 | 3 |
| Male hypogonadism                      | - | - | - | - | - | - | - |
| Testicular biopsy                      | - | - | - | - | - | 2 | 2 |

Table 20. Operations for Inflammation, Infection and Tuberculosis

|   | 1981<br>(July) | 1982 | 1983 | 1984 | 1985 | 1986 | Total |
|---|----------------|------|------|------|------|------|-------|
| Xanthogranulomatous pyelonephritis              |                |      |      |      |      |      |       |
| Subcapsular nephrectomy                         | -              | 1    | -    | -    | -    | -    | 1     |
| Pyonephrosis                                    |                |      |      |      |      |      |       |
| Subcapsular nephrectomy                         | 1              | -    | -    | -    | -    | -    | 1     |
| Paracutaneous nephrostomy                       | -              | -    | -    | -    | -    | 1    | 1     |
| Non-specific regional urethritis                |                |      |      |      |      |      |       |
| Partial ureterectomy and ureterovesicostomy     | -              | 1    | -    | -    | -    | -    | 1     |
| Partial ureterectomy and ureteroureterostomy    | 1              | -    | -    | -    | -    | -    | 1     |
| Ureterotomy, biopsy and intubated ureteroplasty | -              | -    | -    | -    | -    | 1    | 1     |
| Prostatic abscess                               |                |      |      |      |      |      |       |
| TUR-P   | -              | -    | 1    | -    | -    | -    | 1     |
| Acute epididymitis                              |                |      |      |      |      |      |       |
| Epididymectomy                                  | -              | 1    | -    | -    | -    | -    | 1     |
| Orchiectomy                                     | 1              | 1    | -    | 1    | -    | -    | 3     |
| Scrotal abscess                                 |                |      |      |      |      |      |       |
| Incision  | -              | 1    | -    | -    | -    | -    | 1     |
| Eosinophilic granuloma of scrotum               |                |      |      |      |      |      |       |
| Excision  | -              | -    | -    | -    | -    | 1    | 1     |
| Renal tuberculosis                              |                |      |      |      |      |      |       |
| Simple nephrectomy                              | -              | -    | -    | -    | 1    | -    | 1     |
| Tuberculous ureteral stricture                  |                |      |      |      |      |      |       |
| Ureterovesicostomy                              | -              | -    | -    | -    | -    | 1    | 1     |
| Nephrostomy                                     | -              | -    | -    | 1    | -    | -    | 1     |
| Tuberculous epididymitis                        |                |      |      |      |      |      |       |
| Epididymectomy                                  | -              | -    | -    | -    | -    | 1    | 1     |
| Retovesical tuberculous abscess                 |                |      |      |      |      |      |       |
| Partial cystectomy                              | -              | -    | -    | -    | -    | 1    | 1     |

Table 21. Operations for Obstruction and Stasis

|   |   |   |   |   |   |   |    |
|---|---|---|---|---|---|---|----|
| Bladder neck obstruction                        |   |   |   |   |   |   |    |
| TUR-BN  | 3 | 2 | 7 | 3 | 3 | 2 | 20 |
| Bladder diverticulum                            |   |   |   |   |   |   |    |
| Diverticulectomy                                | 1 | 1 | - | - | - | 1 | 3  |
| Diverticulectomy and Y-V plasty of bladder neck | - | - | - | 3 | - | - | 3  |

Table 22. Operations for Disorders of Scrotal Contents

|                                       |   |   |   |   |   |   |    |
|---------------------------------------|---|---|---|---|---|---|----|
| Hydrocele                             |   |   |   |   |   |   |    |
| Hydrocelectomy (Lord)                 | 3 | 3 | 2 | 2 | 2 | 3 | 15 |
| Hydrocelectomy (Winkelmann)           | - | - | - | - | - | 3 | 3  |
| Hydrocele of spermatic cord           |   |   |   |   |   |   |    |
| Hydrocelectomy                        | - | - | - | 3 | 2 | - | 5  |
| Afeter bil. orchiectomy               |   |   |   |   |   |   |    |
| Implantation of testicular prosthesis | - | - | - | 1 | - | - | 1  |
| Spermatocele                          |   |   |   |   |   |   |    |
| Spermatocelectomy                     | 1 | 2 | 2 | 1 | - | - | 6  |
| Obstructive azoospermia               |   |   |   |   |   |   |    |
| Epididymoepididymostomy               | - | - | - | - | - | 1 | 1  |

Table 23. Operations for Injuries and Related Disorders

|  |   |   |   |   |   |   |   |
|--|---|---|---|---|---|---|---|
| Ureteral stricture due to recurrence of rectal carcinoma |   |   |   |   |   |   |   |
| PNS  | - | - | - | - | - | 1 | 1 |
| Bladder invasion of sigmoid carcinoma                    |   |   |   |   |   |   |   |
| Partial cystectomy                                       | - | - | 1 | - | - | - | 1 |
| Foreign body of bladder                                  |   |   |   |   |   |   |   |
| Transurethral extraction                                 | - | - | - | - | - | 1 | 1 |
| Ileovesical fistula                                      |   |   |   |   |   |   |   |
| Resection of ileum and transverse colon conduit          | - | - | - | - | - | 1 | 1 |
| Vesicosigmoid fistula                                    |   |   |   |   |   |   |   |
| One stage resection of fistula                           | - | - | - | - | 2 | - | 2 |
| Colostomy  | - | - | - | - | - | 1 | 1 |
| Rupture of bladder                                       |   |   |   |   |   |   |   |
| Repair of ruptured bladder                               | - | - | - | - | 1 | - | 1 |
| Urethral stricture due to pelvic fracture                |   |   |   |   |   |   |   |
| Posterior urethroplasty                                  | 1 | 3 | 1 | - | - | 1 | 6 |
| Urethral stricture (anterior)                            |   |   |   |   |   |   |   |
| Skin patch urethroplasty                                 | - | - | - | 1 | - | - | 1 |
| Intubated urethroplasty                                  | - | - | - | 1 | - | - | 1 |
| Two stage urethroplasty (Johanson)                       | - | - | - | - | 1 | - | 1 |

|                             | 1981<br>(July) | 1982 | 1983 | 1984 | 1985 | 1986 | Total |
|-----------------------------|----------------|------|------|------|------|------|-------|
| Rupture of testis           |                |      |      |      |      |      |       |
| Suture of tunica albuginea  | -              | -    | 1    | 1    | -    | -    | 2     |
| Rupture of hydrocele        |                |      |      |      |      |      |       |
| Repair                      | -              | -    | -    | -    | -    | 1    | 1     |
| Scrotal laceration          |                |      |      |      |      |      |       |
| Suture                      | -              | -    | -    | -    | 1    | -    | 1     |
| Testicular dislocation      |                |      |      |      |      |      |       |
| Orchidopexy                 | -              | -    | -    | 1    | -    | -    | 1     |
| Parastomal hernia           |                |      |      |      |      |      |       |
| Hernia repair               | -              | 1    | -    | -    | -    | -    | 1     |
| Abdominal incisional hernia |                |      |      |      |      |      |       |
| Marlex mesh herniorrhaphy   | -              | -    | -    | -    | -    | 1    | 1     |

Table 24. Operations for Female Urologic Disorders

|   |   |   |   |    |   |   |    |
|---|---|---|---|----|---|---|----|
| Ureteral stricture after radical hysterectomy |   |   |   |    |   |   |    |
| Nephroureterectomy                            | - | 1 | - | -  | - | 1 | 2  |
| Ureterovesicostomy with psoas hitch           | - | - | - | -  | 1 | - | 1  |
| Vesicovaginal fistula                         |   |   |   |    |   |   |    |
| Transvaginal closure                          | - | - | - | -  | 2 | - | 2  |
| Cystocele                                     |   |   |   |    |   |   |    |
| Anterior colporrhaphy                         | - | - | - | 1  | - | - | 1  |
| Bladder neck polyp                            |   |   |   |    |   |   |    |
| TUR-BN  | - | 1 | - | -  | - | - | 1  |
| Urinary incontinence                          |   |   |   |    |   |   |    |
| Urethropy                                     | 1 | 1 | - | -  | - | - | 2  |
| Urethral prolaps                              |   |   |   |    |   |   |    |
| Resection                                     | 2 | 1 | 1 | 1  | 1 | 2 | 7  |
| Paraurethral cyst                             |   |   |   |    |   |   |    |
| Transvaginal deroofting                       | 1 | 2 | - | -  | - | 1 | 4  |
| Caruncle                                      |   |   |   |    |   |   |    |
| Resection                                     | 4 | 6 | 4 | 10 | 6 | 4 | 30 |

Table 25. Operations for Chronic Renal Failure

|             |   |    |   |   |    |    |    |
|-------------|---|----|---|---|----|----|----|
| A-V fistula | 7 | 19 | 7 | 7 | 13 | 10 | 63 |
|-------------|---|----|---|---|----|----|----|

Table 26. Operations for Circulatory Disturbance

|                           |   |   |   |   |   |   |    |
|---------------------------|---|---|---|---|---|---|----|
| Renovascular hypertension |   |   |   |   |   |   |    |
| Renal autotransplantation | - | - | 1 | - | - | - | 1  |
| Priapism                  |   |   |   |   |   |   |    |
| Spongio-cavernosum shunt  | - | 1 | - | - | - | - | 1  |
| Testicular torsion        |   |   |   |   |   |   |    |
| Detorsion                 | - | - | - | - | - | 1 | 1  |
| Orchiectomy               | - | - | 1 | - | - | - | 1  |
| Varicocele testis         |   |   |   |   |   |   |    |
| High ligation             | 2 | 3 | 7 | 4 | 5 | 4 | 26 |

Table 27. Operations for Miscellaneous Disorder

|                            |   |   |   |   |   |   |   |
|----------------------------|---|---|---|---|---|---|---|
| Chronic glomerulonephritis |   |   |   |   |   |   |   |
| Open renal biopsy          | - | - | 3 | - | 1 | - | 4 |
| Inguinal hernia            |   |   |   |   |   |   |   |
| Herniorrhaphy              | - | - | 1 | 2 | 1 | 2 | 6 |
| Gastric volvulus           |   |   |   |   |   |   |   |
| Gastropexy                 | - | - | - | - | 1 | - | 1 |

2. 尿路性器奇形と関連疾患 (Table 3)

腎異形成は異所開口尿管の所屬腎である。腎静脈奇形は左腎出血における腎静脈造影で発見した。vaginal atresia with wide urethra は脛が膀胱三角部付近に開口しており、腔形成は当院では難しいと考え、他院へ紹介した。

3. 尿路結石および関連疾患 (Table 4)

遠位尿管管性アシドーシスは尿路結石を繰り返す症例を精査した結果、診断した。副甲状腺機能亢進症、甲状腺亢進症、クッシング病も尿路結石を契機として発見した。腸管性高尿酸血症は虫垂膿瘍のため回腸広

汎切除をうけた小児で腎結石を併発した。

#### 4. 内分泌および関連疾患 (Table 5)

XX male は他院より国外へ症例報告<sup>9)</sup>された兄弟の兄の方で、女性乳房に対して形成手術を行った。男性半陰陽2例は兄弟例で尿道下裂と停留精巣の手術を他院ですでにうけていた。陰茎の発育がきわめて不良で、これは testosterone や dihydrotestosterone のクリームを塗布してもまったく反応しなかった。androgen receptor を測定していないので確定診断としなかったが、incomplete testicular feminization, なかでも Reifenstein 症候群と考えている。兄弟とも著明な女性乳房があり、これを形成した。多嚢胞卵巣症候群はクッシング症候群との鑑別のために入院した。

#### 5. 炎症および感染 (Table 6)

陰茎根部の特異な形態をした肉芽腫は高橋ら<sup>4)</sup>の報告例と同種のものである。

#### 6. 結核 (Table 7)

膀胱後部結核膿瘍は膀胱癌の疑いで手術をしたが、結核性腹膜炎を併発し、膀胱後壁と腹膜との間に大きな膿瘍を形成していた。

#### 7. 閉塞および停滞 (Table 8)

膀胱頸部硬化症のうち2例は恥骨後式前立腺被膜下摘除術後に生じた。

#### 8. 陰嚢内疾患 (Table 9)

閉塞性無精子症では対側萎縮精巣の副精巣を患側の副精巣へ吻合した。

#### 9. 損傷と関連疾患 (Table 10)

#### 10. 女性泌尿器疾患 (Table 11)

尿閉は器質的、機能的異常を認めず、心因性要素が絡んでいた。

#### 11. 腎不全 (Table 12)

急性腎不全は泌尿器科手術後に発生したもので救命できた。

#### 12. 循環障害 (Table 13)

腎動脈塞栓症は基礎に心房細動があった。持続勃起症はフェノチアジン系薬剤の服用が原因であった。

#### 13. 血尿と血精液症 (Table 14)

血尿は原因不明の腎性血尿で血管造影の目的で入院した。

#### 14. その他の疾患 (Table 15)

排尿失神は膀胱高神経筋腫を疑ったが否定できた。帯状疱疹は神経因性膀胱をおこした。

### III 手術統計

#### 1. 腫瘍に対する手術 (Table 16)

副腎皮質癌は進行性で腎に浸潤していたため腎と

もに摘除した。下大動脈を切除した腎細胞癌は腫瘍血栓が右腎静脈より肝静脈直上まで下大静脈に浸潤していた。両側性腎細胞癌で腎部分切除および腫瘍核出を行った。女性根治的膀胱全摘除は膀胱尿道とともに、子宮、卵巣および付属器、腔前壁を *en bloc* に摘除した。男性前部尿道癌は年齢を考慮して、陰茎全摘除と会陰部尿道瘻にとどめた。

#### 2. 尿路性器奇形に対する手術 (Table 17)

#### 3. 結石に対する手術 (Table 18)

1986年4月から PNL および TUL を開始した。

#### 4. 内分泌および関連疾患に対する手術 (Table 19)

#### 5. 炎症、感染症および結核に対する手術 (Table 20)

#### 6. 閉塞および停滞に対する手術 (Table 21)

#### 7. 陰嚢内疾患に対する手術 (Table 22)

#### 8. 損傷および関連疾患に対する手術 (Table 23)

膀胱回腸瘻は子宮癌に対する放射線療法後に生じたもので、瘻孔部の回腸と膀胱を空置し、尿路変向として横行結腸導管を作った。

#### 9. 女子泌尿器疾患に対する手術 (Table 24)

膀胱腔瘻は経腔式三林法<sup>9)</sup>を行った。

#### 10. Blood access のための手術 (Table 25)

#### 11. 循環障害に対する手術 (Table 26)

持続勃起症に対する spongio-cavernosum shunt は Winter 法<sup>6)</sup>である。

#### 12) その他の手術 (Table 27)

胃軸捻転症は生後17日目の男児の congenital mesoblastic nephroma の術後に発症したものである。開放性腎生検は小児に行った。

## おわりに

一施設における外来あるいは入院患者に関する臨床統計は本邦の泌尿器科にみられる特異な行事で、毎年盛んに報告される。他の臨床領域ではある特定の疾患に関する統計はあっても、泌尿器科におけるような全般にわたる臨床統計はあまりみかけない。非常に時間と労力を要する仕事であるにもかかわらず、この種の論文に対する評価は低いし、事実、学問的に貢献するところは確かに乏しい。したがって、いわゆる業績としては採用されない。そこで、ふと考えたのは専門医制度が発足したのを機会に、専門医教育施設の認定基準の一つに臨床統計を活用できるのではないかということであった。

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