

TABLE 49.—SUMMARY OF RENAL CLEARANCE STUDIES IN 11 PATIENTS

| Case No.  | Urine Flow<br>cc. per min.<br>(all periods) | Glomerular Filtration<br>Rate (C <sub>G</sub> )<br>cc. per min. | Effective Plasma Flow (C <sub>PAB</sub> )<br>cc. per min. | Effective Blood Flow<br>cc. per min. | Maximal Tubular Excretory<br>Capacity (T <sub>m</sub> PAB)<br>mg. per min. | Time after Wounding | Degree of Shock<br>on Admission | High Azotemia | NPN on Day of Test<br>mg. per 100 cc. | Output of Urine<br>Classification     | Output of Urine<br>on Day of Test<br>cc. | Blood Pressure on Day<br>of Test | Patient's<br>Outcome                                 |
|---|---|---|---|--------------------------------------|--|---------------------|---------------------------------|---------------|---------------------------------------|---------------------------------------|--|----------------------------------|--|
| 134   | 3.6   | 95  | 588   | 1,071                                | 84   | 29 hrs.             | None                            | No            | 43                                    | Normal                                | 1,635                                    | $\frac{114}{65}$                 | Recovery.  |
| 141   | 4.8   | 167   | 762   | 1,093                                | 56   | 19 hrs.             | Slight                          | No            | 41                                    | .....do.....                          | 2,420                                    | $\frac{120}{80}$                 | Do.  |
| 142   | 4.8   | 135   | 754   | 1,136                                | 91   | 14 hrs.             | Moderate                        | No            | 27                                    | Oliguria                              | 1,693                                    | $\frac{130}{70}$                 | Do.  |
| 148   | 3.8   | 109   | 567   | 816                                  | 63   | 31 hrs.             | .....do.....                    | No            | 40                                    | Normal                                | 1,787                                    | $\frac{130}{70}$                 | Do.  |
| 139   | 5.2   | 79  | 381   | 556                                  | 97   | 20 hrs.             | Severe                          | No            | 36                                    | .....do.....                          | 3,762                                    | $\frac{114}{78}$                 | Do.  |
| 133   | 2.34  | 20  | 99  | 163                                  | 7  | 11 days             | .....do.....                    | Yes           | 108                                   | Un-<br>known;<br>probable<br>oliguria | 1,270                                    | $\frac{150}{110}$                | Recovery diuresis.                                   |
|   | 4.0   | 26  | .....   | .....                                | .....  | 13 days             | .....do.....                    | .....         | 112                                   |                                       | 2,380                                    | $\frac{140}{110}$                |  |
|   | 3.42  | 58  | 342   | 499                                  | .....  | 28 days             | .....do.....                    | .....         | 36                                    |                                       | over<br>1,000                            | $\frac{122}{96}$                 |  |
|   | 4.33  | 157   | 688   | 1,146                                | .....  | 47 days             | .....do.....                    | .....         | 24                                    |                                       | over<br>1,000                            | $\frac{120}{70}$                 |  |
|   | 9.14  | 107   | .....   | .....                                | .....  | 49 days             | .....do.....                    | .....         | 20                                    |                                       | over<br>1,000                            | $\frac{120}{70}$                 |  |
| 125   | 5.72  | 89  | 544   | 870                                  | 80   | 30 days             | .....do.....                    | Yes           | 26                                    | Oliguria                              | 1,550                                    | $\frac{130}{91}$                 | Do.  |
| 150   | 4.42  | 15  | 87  | 131                                  | 12   | 14 days             | Moderate                        | Yes           | 123                                   | Anuria                                | 3,350                                    | $\frac{170}{100}$                | Do.  |
|   | 4.74  | 100   | 414   | 686                                  | 67   | 26 days             | .....do.....                    | .....         | 24                                    |                                       | 3,000                                    | $\frac{130}{70}$                 |  |
| 138   | 3.0   | 3   | 20  | 28                                   | 4  | 10 days             | None                            | Yes           | 217                                   | Un-<br>known;<br>probable<br>oliguria | 1,500                                    | $\frac{140}{68}$                 | Do.  |
|   | 5.54  | 64  | 431   | 676                                  | 43   | 26 days             | .....do.....                    | .....         | 44                                    |                                       | 4,500                                    | $\frac{128}{70}$                 |  |
| 143   | 3.8   | 89  | 598   | 1,037                                | 108  | 3 days,<br>14 hrs.  | Moderate                        | Yes           | 57                                    | Normal                                | 1,986                                    | $\frac{110}{60}$                 | Died 5 days later. Ure-<br>mia coincident at death.  |
| 147   | 4.1   | 64  | 356   | 630                                  | 70   | 7 days,<br>18 hrs.  | Severe                          | Yes           | 99                                    | .....do.....                          | 1,558                                    | $\frac{110}{60}$                 | Died 16 hrs. later. Ure-<br>mia coincident at death. |
| Mean normal with<br>standard deviation <sup>1</sup> |   | 116 ±<br>28.6   | 697 ±<br>135.9  | 1,204 ±<br>255.9                     | 77.5 ±<br>12.9   |                     |                                 |               |                                       |                                       |  |                                  |  |

Values in columns 3 through 6 corrected to 1.73 square meters of body surface; each represents average values for 2 to 4 periods in all cases except Case 134 where effective plasma and blood flow were determined during 1 period only.

<sup>1</sup> 1 day later.

<sup>2</sup> Approximate.

<sup>3</sup> Normals and standard deviations: See footnote 3 in text.