

had lost a considerable amount of blood, his pulse was full and strong, and not more than 80.

The weight of the removed stone and fragments immediately after the operation was 4 oz. 7 drachms. It measured  $3\frac{1}{2}$  inches in length, and 9 inches in circumference, and consisted entirely of triple phosphate.

After the operation, which took place at 2 P.M., the patient did not pass any urine till noon next day, when he voided  $7\frac{1}{2}$  oz. As there had been a great deal of oozing, the wound was dressed next day. Temperature  $101^{\circ}$ . Pulse 120. He still had vomiting from the ether.

*Nov. 1.* He passed 32 oz. of urine which was free from pus and blood.

For some time the patient progressed slowly toward recovery; his temperature ranged between  $98^{\circ}$  and  $100^{\circ}$ , and the amount of urine from 25 oz. to 50 oz. daily. The wound, which was not very sweet, and from which came large quantities of urine, gradually healed, and the tube was removed in the early part of December. He now began to have high and irregular temperature, with some sweating; from the 10th to the 25th of December his temperature ranged from  $98^{\circ}$  to  $102^{\circ}$ , and for several days after reached, in the afternoon, as high as  $104^{\circ}$ – $105^{\circ}$ . Fearing that some collection of pus was forming about the kidney, I reopened the wound, introduced my fingers, and explored the pelvis of the kidney, but without result, except that a few flakes of calcareous matter were brought away. It was now decided to cut down and remove the kidney, but the patient quite unexpectedly took a turn for the better, and improved so much that, in the early part of January, he was able to go about the ward, enjoy his