

the difficulties in the case, the applications of the instrument did not ever exceed two or three minutes' duration.

(Signed) DAVID FINLAY, M.D.
London, June 30, 1833.

CASE IV.—CURE OF STONE BY LITHOTRIPSY,
SIX YEARS AFTER LITHOTOMY.

Mr. J. S***, aged 69, consulted me on the 18th of March last for symptoms under which he had been labouring for three years, and which had become very severe. He was cut for the stone six years ago by Mr. Key, when a flat lithic-acid calculus, of considerable size, was extracted. The pain he felt, on making water, was acute, and the irritation of the bladder very great. He could not walk far, without suffering excessively, and riding he found even more distressing. In short, anything like active exercise was followed by a discharge of urine tinged with blood. The paroxysms of pain were frequently accompanied by pulsations of the heart, and there was often a numbness about the calves of the legs which the patient found very annoying.

Some time before, Mr. S*** had been to Mr. Key for advice, who, judging that there was another stone in the bladder, advised him to apply to Baron Heurteloup, in order to have it extracted by lithotripsy. I fully concurred with Mr. Key, and advised Mr. S*** to go, without loss of time, to the Baron, whose numerous operations I had heard and read of in *THE LANCET*. He immediately detected the stone, which he considered flat, and presenting about the same surface as the one which had been removed by lithotomy six years before by Mr. Key, at which operation I was present. The operation was performed, on the 22nd of March, with the percuter. The stone was immediately seized, and broken by the blows of a hammer. The patient voided a considerable quantity of powder and pieces of stone, directly after the operation, and for several succeeding days. The operation lasted about three minutes, and the patient walked home, as soon as it was over, without difficulty or pain. After three other operations, similar to the first, he returned to Tottenham, where he resides. He is now quite well, and experiences no symptoms whatever indicative of his old complaint. The third operation proved merely an examination, as there was no more stone in the bladder. Some fragments of stone having collected in the passage when the second operation was about to be performed, an obstacle was presented to the introduction of the instrument. The Baron seeing the nature

of the obstruction, desisted, and postponed the operation. He employed gentle and proper means to bring the fragments from the urethra, in which he perfectly succeeded. He very prudently was unwilling to use the slightest violence in introducing the instrument, from fear of lacerating the urethra. The patient has now been home for five weeks, and remains quite well.

(Signed) WM. MOON, Surg.
Tottenham, Middlesex, May 20, 1833.

CASE V.—CALCULUS FIXED IN THE BLADDER—CURE BY LITHOTRIPSY.

Mr. John Lake, ætat. 67, a farmer, and an eminent land-surveyor, residing in Kent, forty-five miles from London, up to the autumn of 1824 possessed uninterrupted health. His own account is as follows:—

"About this period, Nov. 1824, I had several paroxysms of excessive pain in the groins and small of my back, with frequent and painful inclinations to make water, without being able to pass more than a spoonful each time. It frequently occasioned nausea and vomiting. These attacks continued four or five hours, and invariably ended with an amazing discharge of urine. Early in the year 1826 I consulted a very eminent surgeon in London, who sounded me, and pronounced there to be no stone in the bladder. By taking medicine prescribed by him, I was tolerably easy for two or three years, except when riding on horseback, or in a shaking carriage. On such occasions I was annoyed by involuntary passing of urine coloured like coffee, and attended with severe pain. I have been gradually feeling greater inconvenience, and, generally, considerable pain in making water, which has frequently been discoloured. In the month of July last, I had occasion to take a long journey across bad roads, and in worse vehicles. On my return home, I was frequently in perfect torture, constantly desiring to pass urine, which was mixed with blood and bloody slime. I could scarcely bear motion of any kind—even that of lifting up my legs in walking, or of rising up, and sitting down in my chair, and more especially that of getting into bed. *At this time*, by the skill and ingenuity of the Baron Heurteloup, I am, thank God, relieved from this dreadful affection.—JOHN LAKE, March 28, 1833."

I was consulted by Mr. Lake on the 14th of Feb., 1833. His symptoms leading me to believe there was a stone in the bladder, I requested Mr. Key to sound him, who did so, and found a stone, which