

Douglas of the success of my experiment, who received the intelligence with about as much apparent credit as if I had applied for admission as an inmate of the Lunatic Asylum—merely saying, “very well I will be down directly.”

At the appointed hour Dr. Douglas arrived, accompanied by two medical gentlemen and a student or two; and the patient, with some of his friends and acquaintances, proceeded to the operating-room under the biological influence.—Being placed in position, I gave him a galvanic disc to hold in his right hand during the operation, and placed myself in a situation to command his eye without interfering with the operator; and having by a series of passes destroyed sensation in the head and face, I desired him to keep his eye steadily upon mine, paying no attention to the operator or his assistants, and that he would feel no pain, although he would know what was going on about him—when Dr. Douglas commenced by extracting the right inferior cuspid tooth, which seemed to produce no sensation whatever, I continuing the whole time of the operation to command his eye, talking to him and making biological passes. The operator then made an incision through the integuments, muscular fibres, &c., obliquely downwards, commencing at the junction of the second left inferior incisor and cuspid tooth, and continuing it inwards, towards the right side and about an inch below the base of the inferior maxillary bone, and extending backwards to the posterior inferior angle of the same bone, and then dissected back the flap, exposing the whole external surface of the bone. He next sawed through the maxillary bone anteriorly at the alveolar process of the extracted tooth, and posteriorly through the root of the condyloid and coronoid processes of the same side, nearly per-

pendicularly through the inferior posterior angle of the jaw, and then dissected out the attached and diseased portion of bone, tying two vessels. The flap was then brought down and secured by fine pins and twisted sutures.

The operation having being completed with Dr. Douglas’ usual skill and dexterity, the patient was told that it was finished, and asked if he had felt any pain; he replied “no! I felt you drawing the tooth a little, but it did not pain me, and I knew all you were doing. I knew you were sawing the bone; I heard and felt the saw, but *I felt no pain at all*; and I knew all you said and did.” On Dr. Douglas ordering him to be carried up to bed, he started briskly out of his chair (being still impressed), and full of excitement exclaimed, “I want no one to carry me; I can carry myself; I can walk as well as you can;”—and following him to his room I proceeded to *de-biologise* him. And having done so he said:—“Ah! I feel it now; I feel a smarting.” This was the first expression or indication of sensation from the time he left his bed-room for the operating-room until now. A remarkable feature of this operation, in addition to being *painless*, was that it was also almost *bloodless*; the total amount of the circulating fluid lost being probably not more than an ounce, the division of the facial or labial artery being followed by a mere jet a few inches—not feet—high, which with a smaller branch were at once readily controuled.† The patient having been placed in bed, we left him; but in little more than half-an-hour we were summoned in haste to him, by a messenger, stating that the wound had commenced bleeding afresh. Both Dr.

† The effect of Electro-Biology is evidently to diminish the circulation in the part influenced, as the pulse did not indicate any sinking to account for the want of hæmorrhage during the operation.