name engraved on many a sufferer's heart. IIe it is who in conjunction with Dr. Jackson of the same city, has had the honour of introducing to the world, a effectual method of rendering patients insensible of pain, hy the inhalation of the vapour of the strongest sulphuric ethor. This is not a nuw remodinl ngent, it is true, for it was used many years ago to lessen irritation in the chest in the latter stages of pulmonary disease The late Dr. Daniel, of Exeter, frequently ordered it, and it has also, wo understand, been frequently used by other medical practitioners. th is new, howeyer, as regards operative surgery; and there cannot be a doult, from the cases recorded in the hospitals uf the metropolis, as well as those in the provinces, and in America, that it is one of tha greatest discoveries of tho ago. The patients are thrown into a mate nearly resembling that of complete intoxication from ardent spirits, or of narcotisin from opium. This state contiuues but a few minutes,-five to ten-but during this period the patient is insensible to pain. There is this difference between the action of alcohol and that of the vapour of ether-that with the former the stage of insensibility is preceded by a stage of nervous and vascular excitement, whilst in the latter the insensible state comes on almost immediately. In the nimerons casps which have been repoited, the ether appears to have had different effects upon the nervous system; and this has probably been owing to the quantities of the vapour inhaled. Thus, in several cases, the effect has been to deprive the patients of the power of feeling and moving; but they have been conscious all the time, and have witnessed every step of the operation performed on them-though without experiencing pain. In the mainority of cases, honveror.-n and these probably where the ether has been most adroitly ndministered, there has been a total loss of consciousness; and the patients, on waking up from the slumber produced, lave expressed their surprise not only at the operation being over, hut at the apparentiy short time which it has occupied. The value of the agent is attested not only in the minor op rations of surgery, such as the extraction of teeth,--hut also in the most tedious and distressing, and those involving the greatest amount of danger from the slock given to the nervons system. Severe operations of various kinds, including the Cessarean operation, have been performed under the influence of ether in the great London Hospitals ; and so many cases have been reported in the provincial journals that the efficacy of the remedy is now beyond a douht.

A few of the more remarkable cases are tine following :-An Irishman was brought into the London hospital with a compound fracture and dislocation of the tarsal bones of the foot. The man, afier considerable reluctunce, at last consemed to amputation of the leg, provided the pain was in sonis way diminished. The rapour of ether was had recourse to, and applied in the presence of Dr. Pereira and a numerous assembly of medical gentleman. In five minutes, the inhalation proved successful, and in less than another the leg was amputated by Mr. Adams, the patient during the time giving sly winks and facetious nods to those surrounding him. Daring the interval, of the inhalation, his observations were of the most facetious character, forcing from by-standers involuntary lis, dghter, and converting that which to the poor fellow was a most tragical esent into a scene little short of a farce. Upor zemoving the ether, he called out, "Hold hard there a hit, let's have another go at the grog," which he drew in i..e greatest avidity. Not for one momeat during the operation cid he exhibit the slightest symptoms of pain, but, on the contrary, his countenance was expressive of the greatest hilarity; and at the conclusion of the operation, after the effects of the ether had passed off; he could scarcely believe that his leg lad been so painlessly removed. His ideas, whilst under the influence of the vapour, were similar to those of a person cnjoying a pleasant uream; he had fancied himself walking in the streets of Cork with his swectheart, and, to use his own expressions, "enjoying most pleasurable sensations." He slept well during the following night, and is in every respect progressing favourably.

Another Irishman was nperated on successfully in tr: Royal Infirmary at Edinburgh. He was a middle aged man, a "navy" -who had sustained compound fracture of the leg nine weeks before. The fracture had not united, in consequence of the appearance of a dead piece of bone; and it became necessary to remove this by a painful operation. The patient was seated on a table, and the inhalation was applied by means of a very
boautiful yet simpio apparatus, made by Squire of London. At first, little effect was produced; but after some minutos, the pratient fell backwards, as if in a swoon. The operator was then about to proceed; but the man immediately objected-say; ing, "that he trusted nothing would he done till he was asleep." For fufl twenty minutes more, tho inhalation went on; the man confused and talkative, bit wide awake, and occasiohally expressing vefy emphaticnilly his conviction that "it would not do." At length, however, whilo in this waketul state the op pation was begun. Incisions were mado on the skin; and flaps were dissected of so as to expose the bone bencath. A portion of this was sawn and clipped through, and then the bone was removed. Only during the cripping of the bone with strong straining pliers did any sign of ferling escapo from the patient, who was busy inhaling all the while, and now and then protesting that "it would not do." The operation occupied about ten minutes, and from the highly sensitive nature of tho parts impliconted, must have been attended with excruciation suffering in ordinary circumstances. After it was over, the Professor said to the patient, "I suppose jou won't let me operate to-day." "Certainly not," said the patient: "it wont do, I must he asleep. The thing has'nt succeeded with me, and I am sure it can't succeed with any one else, for 1 did everything I could to get asleep for my own sake, and I'd do anything to please you." "You won't let me make a cut into the ley?" "No, I must l" asleep; we can try it another time." This plain proof of his utter unconscinusness of the operation having been performed was acknowledged ly the spectators in a hearty round of applans. The paten: then set ry, ad seeing the mound burst into an immoderate fit of laughter, saying, "No doubt there's blood, or something very like it; but I haven't felt a single thing done to my leg; that bates the globe $;$ " and on being asked decidedly as to his having "felt anything," he repeatedly answered, "Not a ha'porth." He got into amazing spirits, and refiused to leave the table until be had told "all about the toldrums of the business." And then, with the manner of a tipsy man, and very happy, he kept surgeons and students in a roar of laughter for some minutes with a narrative of his condition during the inhalation, which, Irish-like, seemed to have been a strange medley of imaginary fights and "killings" go. ing waround him, hut wholly irrespective of his own leg and the operation. On being carried out, he declared triumphantly, "this is the very lest thing that has ever happened in the three kingdoms." The Professor stated that he considered thin case quite conclusive as to the powers of the ether, because there was no more painful operation in all surgery, and because the patient, having been awowedly a hard and habitual drinker of spirits, was one of those persons who are deast susceptible of the ether's iulluence. On the fullowing day, he was doing well, having experienced very little pin after the effect of the ether had ceased.

In a third case, under the same operator, the patient, who was a young man had an extensive incision made on the thigh on account of sizus, the wound being afterwards searched with the finger. After the operation had taken place he was asked: "Shall we make the cut now ?" He answered, "Oh yes, I dare say you may," "Did you feel anything done to the log is little ago ?" He answered "nothing." On being then shown the wound le was surprised and said, "Well, I had a kind of a dream as if something was done to my leg-just a dream like." He was then asked as to his present sensations. "Just as if aiout half drunk." "You have been tipsy then before 3" "Yes, twice." "But never so comfortably drunk as now ?" "Never so lightsome."

Another case, which occurred in Westminster Hospital, was that of a wonan of middle age, sufforing. under condylomatous growths from the labia. After an inhalation of about four ininutes, the patient was pronounced in a state fit for the operation. The morbid growths were then dexterously removed, without any expression of pain on the part of the patient, and without any signs of suffering apparent on her countenance. The only indication of the nervous system being awake to the operation was the spasmodic action of the lowor limbs, which took place at the moment of excision; but it was quite obvicus that this was an excito-motory phenomenon, and had no connection with sensation. On the completion of the operation, some wine and water was given to the patient, who seemed awakening from a dream, and appeared for some time uncer.

