

taking two minutes thirty seconds, but the patient exhibited no convulsive movements. In another case a lady had been kept under the influence of the gas for an hour, never being properly sensible during that time ; she inhaled fifty gallons ; no ill results followed. The gas was administered six consecutive times in the hour.

Mr. Cattlin confirmed Mr. Coleman's statements.

Mr. Coleman mentioned the case of a patient considered unfit for chloroform, but who had twenty-six teeth removed during thirteen inhalations at five visits.

Mr. Versey recommended the perusal of Sir Humphrey Davy's work on nitrous oxide.

Mr. Charles James Fox exhibited and described Mr. Ash's regulator for controlling the heat in the manufacture of nitrous oxide. Although he professed himself in favor of Sprague's regulator, he spoke warmly in favor of the ingenuity and compactness of this invention of Mr. Ash.

Mr. Sercombe exhibited an oxycalcium lamp made by Orchard, of Kensington, which throws a jet of light like sunlight into the mouth, and allows of teeth being stopped in any part of the mouth.

Mr. Sewill then read a paper on "The Comparative Value of the Materials used in taking Impressions of the Mouth," of which the following is an abstract :

After observing that his object was rather to excite discussion than to prepare an elaborate paper, he suggested that it would be well if an abstract of each paper should be sent to every member of the Society prior to the meeting, so that anyone might be prepared to support or combat the views advanced.

With regard to the subject under discussion it might be found that no material was universally applicable, and it was not the least important point to assign to each substance the peculiar advantages which it possesses over others.

With regard to wax, should it be softened by dry or by wet heat? At what degree of softness is it most efficiently applied? Should the impression be withdrawn speedily, or should it be allowed to remain until the wax has arrived at the hardest condition which the temperature of the mouth will allow it to assume? Is it good practice to oil the surface? What are the most effectual means of preventing sucking and dragging.

For his own part he considered it practically impossible to obtain, in any number of cases, a perfect impression of the mouth in wax.