

form was better suited to young children and very old persons. He had used Bichloride of Methyline a few thousand times in the Royal Ophthalmic Hospital at Moorfields, and had seen deaths follow its use. He did not like it.

The PRESIDENT said he had taken a deep interest in anæsthetics, but had not seen the A. C. E. mixture used. In his surgery practice he now uses ether exclusively. During six years at the hospital that he had seen chloroform administered, they had no deaths, but he had seen some very narrow escapes. They used to give a draught of spirits before giving chloroform. With ether, one may do without an assistant; this is not justifiable with chloroform, except, perhaps, in midwifery practice. He thought ether was safer at all ages. He has seen dangerous symptoms follow chloroform, even in young children. Of course if he had to operate upon an old man with atheromatous arteries he might use chloroform, as the struggling which often follows ether would be dangerous. He considered chloroform administration in the dentist's chair very dangerous, the upright position causing the patient to be more liable to fatal syncope.

Dr. SMITH, while expressing his gratitude for the friendly criticism which his paper had elicited stated that had not, so far, heard anything to affect the good opinion he entertained for the A. C. E. mixture.

Dr. STEWART having remarked that Dr. Smith concluded that the A. C. E. mixture was safer than chloroform, because it only contained one-third part of chloroform, but that it was often the case that fatal cases of chloroformization occurred when only a very small quantity of the drug had been used, and therefore that the small quantity of chloroform in the A. C. E. mixture was no argument in its favor.

Dr. SMITH replied that it was precisely to meet such an objection as that, that he had devoted several pages of his paper to show that those cases of death were not due to the exceedingly small quantity of the anæsthetic, but to the condition of the patient's circulatory and nervous system at the time. It was a well-known proverb that by being united in marriage we halved our sorrows and doubled our joys, and so by uniting chloroform and ether we doubled the advantages and halved the dangers of each. Certainly chloroform was safer in midwifery cases than in any other, because the woman was recumbent, and, moreover, she was making expulsive efforts, which guarantee a plen-

tiful supply of blood to the brain. But it could only be entrusted to a medical man; and where there was only one, and he had the forceps to handle, chloroform was admittedly a dangerous drug. Besides, it was not a drug that could be used very well during the first stage of labor, during which, however, some women suffer more than in the second stage. Alcohol killed by the head or by coma; chloroform killed by the heart or by syncope; ether killed by the lungs or by apnoea; but by adding the three together, and then only giving one-third the quantity, we obtained an average effect sufficient to produce anæsthesia, but remaining very far short of death.

Several of the speakers having called in question the usefulness of adding alcohol.

Dr. SMITH replied that alcohol was a very good anæsthetic as well as stimulant, and would have been used for that purpose in the form of vapor long ago were it not for the defect that it irritates the bronchial tubes when administered alone, but not so when mixed with chloroform and ether, the A. C. E. mixture being just as pleasant as chloroform to inhale. In conclusion, Dr. Smith said that he had so far only had occasion to use it in a hundred and ten cases, but that he would continue to employ it as long as he lived, and that perhaps, in ten or twenty years, he would have the inference of a thousand instead of a hundred cases. He did not pretend to be the discoverer of this combination, nor even to be the first person in America to use it; in fact, in reading the current literature of the day he frequently came across reference to this anæsthetic. Indeed, for all he knew to the contrary, there might be a hundred very able men who constantly used it, and yet who had not had the time, nor felt it their duty, to lay it before their professional brethren.

Stated Meeting, January 5th, 1886.

T. G. RODDICK, M.D., PRESIDENT, IN THE
CHAIR.

Rapidly Growing Ovarian Tumor.—Dr. Trenholme showed a large semi-solid ovarian tumor which he had removed from a woman some days before. The patient, when she consulted him, was unaware that she had a tumor, but consulted him for severe abdominal pain, which had lasted some three weeks. She had only noticed a swelling for the last six weeks. Latterly, the tumor had grown very rapidly. It was removed without great diffi-