

in the uterus, it was well to use a three per cent. solution of carbolic acid for at least twelve days after the accouchement, as prophylaxis against danger arising from within. Others advocated a solution of the subsulphate of iron with glycerine under these circumstances. But poisoning from within was not so often a cause of septicæmia as poisoning from without; and care on the part of the obstetrician would be found the great means of obviating puerperal septicæmia. It was by avoidance that puerperal mortality was to be reduced in amount. When septicæmia had once been started, then the treatment was no longer that of prevention, but that of cure. Dr. Duncan, as he announced at the commencement of his lecture, did not go into the treatment of the blood in puerperal septicæmia, but perhaps your readers will not feel aggrieved if his remarks are supplemented by some others on the management of the general condition. When symptoms of septicæmia set in, not only should the irrigation of the uterus several times a day be assiduously carried out, but antiseptics should be administered internally. Chlorate of potash and the sulphites and hyposulphite of soda, together or singly, should be given freely by the mouth. In one case in my by-past general practice, a delicate woman was confined of a dead, putrid child: on vaginal examination the head felt like a leather bag with a lot of pieces of broken pot in it, the cranial bones being all loose and out of place, and the foetus discolored and far advanced in putrefaction. In this case the lochia became very putrid and stank, and there were evidences of blood-poisoning on the part of the mother. By means of vaginal injections of a solution of the sulphites and the internal administration of chlorate of potash and sulphite of soda, the ominous symptoms passed away, and the woman made an excellent recovery. Such was a successful case treated antiseptically, but in a very primitive way. Now the management of the case would be considerably more advanced and scientific. In addition to the injections and the internal administration of the various antiseptics, it would be well to influence the air respired by the patient, and to place in the sick-room some disinfectant; the drawback to this being the objectionable smell of most of these potent agents. Sanitas is odorless, and solutions of thymol are not offensive certainly, if they do not form a very agreeable scent, and such should be used freely, being sprinkled over the floor, and, better still, being well sprayed about the room at frequent intervals. This should be continued as long as any signs or symptoms of septicæmia remain. That such should be the line of treatment to be pursued in all cases, either of established septicæmia or where it is threatening, there can be no doubt remaining. The question then arises, "Shall antiseptic precautions be taken in all cases of parturition?" As regards my personal opinion, it is affirmative of this proposition. Antiseptic precautions, in the first place, are not expensive. They would form a species of cheap insurance. In the next place, they are free from danger if used carefully. Dr. Duncan pointed out that careless irrigation of the uterus

might lead to serious consequences, air or fluid might be forced into the uterine sinuses; but against this may be set the presumption that the man who is careful enough to adopt antiseptic obstetric precautions would be careful enough to see the antiseptic method carried out properly in the one single source of possible danger, the irrigation of the uterus. As to the argument which might be raised that this involves unnecessary fuss and trouble, the answer must be returned that, after certain unpleasant incidents, it is commonly found that a very little care and foresight would have prevented the disasters. All preventive medicine has this for its *raison-d'être*, and many, if not most, practitioners will probably soon adopt antiseptic midwifery; and as to those who do not, it is probable that, when they do have cases of puerperal septicæmia, they will find their conduct and management of their cases sharply criticised. The obstetrician would carry with him, as part of his armamentarium, a bottle of carbolized oil with which to anoint the finger at each vaginal examination and to anoint the dorsal surface of the hand and arm in turning. Also the instrument might be smeared with this antiseptic before being applied, in the cases which require them. This would involve their being thoroughly cleaned; and then it is to be hoped we hear no more of such sad cases as that reported in a recent number of the "Confessional," commenced in the *British Medical Journal* quite lately, where a medical man owned that, after delivering a woman with his forceps, he forgot to clean them, and the next woman delivered with the forceps died of septicæmia. This matter cropped up in the discussion on Dr. Duncan's paper, and Dr. John Brunton pointed out how the wood of the handles of midwifery forceps often shrank from the metal, thus leaving a crevice in which putrefactive material might lodge. He exhibited his own forceps which he had had for years in constant use: they consisted entirely of metal, nickel-plated, and their condition was admirable. In addition to the above, a little carbolic acid might be carried, in case it turned out that the child was dead, and it might be well to irrigate the uterus in a few hours, so as to prevent any putrefactive change with its consequent dangers. An irrigation of the uterus once a day, in all cases, with carbolized water, would be a cleanly practice, as well as a sanitary precaution in midwifery practice, and might be adopted generally with advantage.

How far the use of carbolized oil on the obstetrician's finger would tend to prevent that sad accident, syphilitic poisoning, it is difficult to say. An answer only could be given after a considerable experience by many and numerous individuals. But antiseptic midwifery must not be looked at from the point of view of the safety of the accoucheur, but from that of the safety of the patient. Where operative measures are anticipated, I venture to think that antiseptic precautions will always be taken, after the evidence we have already before us.

And, lastly, comes the cause of all this, the thing born,—the infant itself. Dr. Duncan said that young organisms are readily poisoned septicæmically.