

ing are brief notes of the cases. I have divided them into two series of seven cases each—the difference being that in the first series catgut sutures only were used to unite the ends of the bowel, and in the second series silk sutures only were used. The operations were all done under carbolic spray:—

*First Series.*

CASE I.—A young mongrel terrier bitch, dirty, ill-nourished, and suffering from distemper, was operated on on the 21th of March last. An incision about three inches long was made in the median line of the abdomen. The omentum was drawn up out of the way with the finger, and a coil of the small intestine withdrawn through the wound. The several branches of the mesenteric artery leading to this portion of the bowel were ligatured by passing catgut ligatures around each with an aneurism needle. The portion of gut thus isolated,  $3\frac{1}{2}$  inches long, was then cut off with the scissors, an assistant holding the ends beyond, between the finger and thumb of each hand, to prevent the escape of contents. I then tried to pare away the peritoneal surface of the upper portion of the bowel, intending to push it into the lower portion after having pared away the mucous surface of it to correspond, but I found this quite impossible, as the end of the bowel contracted slightly as soon as it was cut, and the mucous membrane became everted to the extent of nearly a quarter of an inch. I then united the ends by a continuous “over and over” suture of fine catgut, cleansed the bowel thoroughly, and returned it to the abdominal cavity. I closed the abdominal wound with three silver and several catgut sutures, and covered the wound with iodoform, packing it well into the spaces between the sutures. This and all the subsequent operations were done under ether, and as the details of the operation are essentially the same in all, except in the suturing of the ends of the bowel, it will be unnecessary to repeat them. This dog was given a hypodermic injection of ten minims of Liq. Opii Sed., and this was the only medicinal treatment given. None of the others had any medicinal treatment whatever. It spent the day quietly, and took milk greedily in the evening. Its pulse was rapid, and its temperature a little high throughout. The tem-