cavity, which was intensely engorged throughout. The result of this case determined me to use silk sutures, though I did one more case with catgut.

Case VII.—A mongrel black and tan, aged. Ten inches of gut were removed on the 8th of April, and the ends united by a double continuous suture. The first round was the ordinary post-mortem-room suture—every stitch inserted from within outwards. I did not like the appearance of this when done, and I put in a second round of " over-and-over " suture of catgut also. The bowels moved on the second day, and the dog made an uninterrupted recovery. On the 29th, I cut one of his costal cartilages subcutaneously, which produced no bad symptoms. On the 3rd of June, 56 days after the operation, I killed him by blowing air into the jugular vein. At the autopsy, the organs were all healthy. There was no trace of peritonitis, and the bowel was perfectly united.

Second Series.

Case I.—An aged black terrier. Eight inches of bowel were removed on the 20th of April, and the ends sutured by twenty interrupted sutures of fine carbolized spun silk. The bowels were moved the same night, a solid stool passing, and the dog made an uninterrupted recovery. On the 10th of June, 51 days after operation, I killed him with prussic acid. All the organs were healthy, and the body well-nourished and fat. There was slight adhesion of two coils of intestine at the point of resection, and the bowel was united perfectly.

Case II.—A young mongrel terrier. Five inches of bowel were removed, and the ends united by fine silk sutures. The dog never rallied, and died 68 hours after the operation. At the autopsy, all the organs were found to be healthy. There was general peritonitis, the peritoneal cavity containing about 3 ounces of grumous fæcal matter. The ends of the bowel were found to be in perfect apposition and the silk sutures holding firmly, but at a point near the mesenteric attachment a segment of the gut had been overlooked and no suture applied, hence the escape of its contents and the bad symptoms from the