

for humanity, delaying as it did the progress of abdominal surgery for fully a quarter of a century. The whole question of this progress lay in the peculiarly narrow issue as to whether the pedicles of ovarian tumours should be dealt with inside the peritoneum or outside it. Here, again, the new country was first in the race; for between 1820 and 1830 the decision in favour of the intra-peritoneal treatment was given in America in such a way that the question ought never to have been reopened. The arbitrament of abdominal surgery between 1866 and 1876 was left in the hands of a man still living, and he carried through his practice a mortality so heavy as to be absolutely prohibitive of fresh enterprise. Mr. Baker Brown left off practice in 1866 with a mortality of ten per cent. with the cautery, whilst, after operating on a thousand cases, Mr. Spencer Wells had a mortality of twelve per cent. in the last hundred with the ligature, and over the whole thousand the mortality was exactly twenty-five per cent. With such results as these, the marvel is not that the conservative surgeons cried out twenty years ago that the craft was in danger, but that the removal of ovarian tumours ever became an accepted operation at all.

As I have said over and over again, as I shall never tire of saying, to Keith is due the whole credit of the modern development of abdominal surgery, and it has ever seemed to me specially hard that while wealth and a title has been the lot of the man who had done nothing but obstruct progress, yet to the author of our present proud position nothing has come save a good deal of misrepresentation and abuse.

In 1878 the doctrines and practice of Lister, after twelve years of preaching on the part of Mr. Lister, had penetrated to London and were taken up by Mr. Wells and his assistants. I had practised all the details in their ever-varying form, as recommended by Mr. Lister, from 1866 onwards, and gave them up one after another as I found they disappointed and hindered me. Finally I gave the spray and its adjuncts a long and complete trial—a trial far more careful in its details than anything I ever saw elsewhere, extending over three years. I have published in detail the disastrous results of this experiment, and at last gave up all these

unnecessary dangers, and, since January 7th, 1881, my practice has been entirely free from all these details. Since then my example has been followed by Dr. Keith, Dr. Bantock, and by my colleague, Dr. Savage, and the only surgeon now who uses the Listerian details for abdominal surgery is Mr. Knowsley Thornton. He still claims for Listerism the most of our present progress, in spite of the fact that Keith, Bantock, Savage, and myself have all far better results without Listerism than Mr. Thornton has with it. Mr. Thornton went so far recently, in a communication to Dr. ———, which that gentleman published, as to say that his (Mr. Thornton's) bad results in hysterectomy were due to the fact that in this operation the Listerian details could not be effectually applied. But the facts of the practices of Mr. Thornton and Dr. Bantock, the two surgeons to the Samaritan Hospital, settle this question when they are contrasted. Mr. Thornton uses the Listerian details for hysterectomy as well as he can, and in twelve cases he has had five deaths, while Dr. Bantock does not use the Listerian details at all, and in twenty-two cases he has had only two deaths. The explanation of the difference will be evident to every one who has seen both of these gentlemen operate. To see Dr. Bantock do a hysterectomy is a lesson in surgery, and one from which I learnt a great deal.

To see my own work, I have been honoured with the visits of a large number of surgeons of this continent, some of whom I see here now. I believe they, one and all, came with a belief that they would find I had some secret anti-septic agent, the use of which was the explanation of my success. If I have such an agent, it must be of universal existence in nature, for I have made some of my visitors take the water from the tap and put it into the basins for the sponges, and over the instruments and into the abdomen. I have made them drink it and have offered it to them for analysis, and, so far, I have not been detected in any magic exercise. My visitors always ask to what I attribute my success, and I answer that I cannot tell. They frequently suggest that it is climate. My answer is that our climate is the most variable and uncertain—the worst in the world. It is not fresh air, for the great majority of my