

stones that had been there. I say, "not all," because their sides were flattened, and they were small gall-stones, and they did not seem to form the whole mass indicated by the peculiar flattening. We thought it probable, from the history of the man, from his having been several times in hospital with something wrong with his liver, that he had had gall-stones before, gall-stones passing down his cystic duct, or his ductus communis choledochus, which had led to inflammation, perhaps to ulceration, and to injury of the parts around. We know that such inflammation and ulceration do sometimes result from the passage of a gall-stone, and that now and then a gall-stone is thrown out by the ulceration into the parts around. We had no evidence here that ulceration had proceeded so far, but we had evidence of inflammation which had become chronic, and had ended in exudation of lymph, the man's habits and the climate he had lived in also perhaps assisting. Lymph thus exuded contracts, and an impediment is established to the flow of blood through the portal vein. Thus, I think that the origin of the patient's trouble, the origin of the inflammation in this particular situation, where it had such a damaging effect upon his health, was the passage of a gall-stone. The liver itself was really scarcely diseased. It contained a good deal of bile, from the damming back of bile into it, but the ducts were scarcely, if at all, dilated, and the cellular tissue between the lobules was a little increased. The obstruction to the flow of portal blood to the liver, had no doubt, diminished the formation of bile, and hence the absence of dilatation of the ducts in the liver. The weight of the liver was 3lb. 7 oz.

The spleen was large and tough, the capsule thickened and adherent; it weighed 1 lb. 10 oz. This was no doubt the result of the mechanically produced congestion. The mesentery was greatly thickened, coated with lymph such as covered the omentum; this lymph was due probably to the same cause which had led to the thickening of the intestines, to the enlargement of the spleen,—*i. e.* the