We particularly appreciate this team work, because the very fine histological part of some of our problems has been worked out by qualified specialists. This gave us the assurance that the interpretation of our data was correct. Moreover the joint work of the two laboratories permitted the discovery of new facts which could not have been established by either of them separately. As an example may be mentioned the work of Dr. Rawlinson on the innervation of the mixed salivary glands.

There is another advantage afforded by the investigation of the function of the alimentary canal. That physiology is the basis of experimental pathology and experimental surgery needs no proof, and the physiology of the gastro-intestinal tract opens up an exceptionally wide field for those interested in experimental pathological and surgical problems. This opportunity was not missed by us either, and some of my surgical co-workers and I investigated certain pathological problems, such as the phenomena of high intestinal obstruction, and so on.

The work conducted along these different lines produced some satisfactory results. Among the more important findings during last session may be mentioned the following:-

(1) It was demonstrated that gastric mucin not only combines with free acid but also inhibits peptic digestion.

(2) It was shown that the vagus is the secretory nerve to the oesophageal glands.

(3) The fact of humoral transmission of the chorda tympani effect from one submaxillary gland to the other was established.

(4) /