Western Canada Medical Journal

Vol. I.

DECEMBER, 1907.

No. 12

ORIGINAL COMMUNICATIONS.

PEPTIC ULCER OF THE OESOPHAGUS AND DUODENUM

BY PROFESSOR C. A. EWALD

Physician to the Augusta Hospital, Berlin, Germany.

There is no doubt that the typical Gastric Ulcer—Ulcus Pepticum or Rodens—originates through the action of the acid gastric juice in a circumscribed spot of the Mucous Membrane of the stomach that has been injured.

The same process can obviously occur in the neighborhood of the stomach also, i.e. Oesophagus above and Duodenum below—if similar conditions present themselves, that is if the acid gastric juice attacks a circumscribed damaged spot of the duodenum or oesophagus.

Thus originates the Ulcus Pepticum Oesophagi above the Cardia in the lowest part of the Oesophagus and the Ulcus Duodeni below the pylorus in the upper portion of the duodenum. In the first case there must be a regurgitation of the acid gastric juice, the tonus of the Cardia temporarily relaxing while in the other case the acid chyme (or the pure acid gastric juice) passing over into the duodenum has not its acidity sufficiently neutralized in the duodenum on account of deficient secretion of bile and intestinal juice.