FEATURING THE HISTOPATHOLOGICAL CHANGE OF ESOPHAGUS AND CROP OF *Trichomonas gallinae* NATURALLY INFECTED PIGEON

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ABSTRACT

Trichomoniasis is a disease that often infects poultry, it caused by flagellated *Trichomonas gallinae*. This research is to describe of the pigeons’ (*Columba livia*) the esophageal and crop histopathology based on the parasite *Trichomonas gallinae* infection. This research used twenty swab samples of pigeon's esophagus (*Columba livia*) by using stained with Giemza and followed by histopathology oesophageal and crop to examination know the change. The results of esophageal examination showed a change in the form of erosion and necrosis of cells in stratified epithelium non-keranitized (mucosa) and infiltration of inflammatory cells in the mucosal lining and submucosa. In the results of the examination of the crop showed changes in cell necrosis in the mucosal layer, and infiltration of inflammatory cells in the sub-mucosal layer and there is congestion in the sub-mucosa crop.

**Keyword:** Histopathology, Esophagus, Crop, Pigeon, *Trichomonas gallinae*.