



**International VETEXPO-2019 Veterinary Sciences Congress**  
**September 20-22 2019, Double Tree by Hilton Hotel, Avcilar /Istanbul, Turkey**

**Invited presentation**

**Gastroscopy and bronchoscopy in dogs**

**Kutay Yıldız**

Istanbul University, Faculty of Veterinary, Internal Medicine Department, Istanbul, Turkey

Bogazici University, Center of Life Sciences and Technologies, Vivarium, Executive Veterinarian, Istanbul, Turkey

**Abstract**

Endoscopic procedures are minimally invasive and very useful diagnostic and therapeutic applications on both human and veterinary medicine practice. Nowadays, especially gastroscopy and bronchoscopy has been used frequently in patients with various conditions. Depending on the tool's size and properties, gastroscopy allows us to observe esophagus, stomach and duodenum in small, medium and large dog breeds. Bronchoscopy is mostly used for diagnostic purposes. Diagnostic indications include the evaluation of structural diseases, inflammatory conditions, intraluminal mass, traumatic injuries and foreign bodies. Visualized examination of both upper and lower respiratory system is very helpful for determination of diseases and also therapeutic approach. These techniques also allows us to collect specimens from respiratory and digestive tract without requiring surgical approach. Collected specimens has a great value for diagnosis and better understanding of the pathophysiology of diseases. It also allows us to remove foreign bodies from digestive and respiratory tract with various type of endoscopic tools. Endoscopic techniques requires anesthesia and the choice of anesthetic method is very important for the procedure. The aim of this presentation is to explain indications, advantages and disadvantages and to inform about the manipulation of gastroscopy and bronchoscopy in dogs.

**Keywords:** gastroscopy, bronchoscopy, dog, veterinary medicine