

JOINT EVENT

9th International Conference on **Emerging Infectious Diseases**

&

6th World Congress on**Control and Prevention of HIV/AIDS, STDs & STIs**

August 27-28, 2018 | Zurich, Switzerland

Surgical correction of ventral abdominal hernia in pigeon-3Ferdoshe Akter¹ and Saroj Kumar Yadav²¹Ministry of Fisheries and Livestock, Bangladesh²Chittagong Veterinary and Animal Sciences University, Bangladesh

Gossips of typical umbilical hernia are habitually described in ruminants but poetics are not available in ventral abdominal hernia in birds specially, in pigeon. Abdominal hernias have been characterized as a separation in the aponeurosis of the abdominal musculature on the ventral midline. The purpose of this case report is to give an overview about the diagnosis and surgical approach of ventral abdominal hernia in pigeons. Three male king breed pigeons of different ages (5 months – 10 months) and weights (250 g – 600 g) were presented to Upazila livestock office & veterinary hospital, Chakaria, Cox's Bazar from January 2016 to March 2018 with the common history of gradual swelling in the ventral abdominal region. Clinical and radiographic examination confirmed the ventral abdominal hernia and decided for surgical correction. With standard aseptic procedure and 1% lidocaine anaesthesia, coeliotomy was performed in all cases. Postoperatively antibiotic, cefixime was administered for 5 days at the dose rate of 30 mg/kg body weight and monitored until wound healing. The follow up study for one month revealed no complications. The result of this case study recommends that this approach can be used as a curative method for ventral abdominal hernia repair in pigeon.

Recent Publications:

1. Smolec O, Kos J, Vnuk D, Babic T and Bottegaro N B (2009) Abdominal ventral hernia in a pigeon (*Columba livia*): A case report. *Veterinarni Medicina* 54(6):291-294.
2. Dar K H (2016) Surgical management of abdominal hernia in a duck (*Anas platyrhynchos*): A case report. *Mathews Journal of Veterinary Science* 1(1):002.
3. Forbes N A (2002) Avian gastrointestinal surgery. *Seminars in Avian and Exotic Pet Medicine* 11(4):196-207.
4. Amer M S, Hassan E A and Torad F A (2018) Radiographic and ultrasonographic characteristics of ventral abdominal hernia in pigeons (*Columba livia*). *Journal of Veterinary Medical Science* 80(2):292-296.

Biography

Ferdoshe Akter has expertise in evaluation and passion in improving the health and treatment of animals. Her open and contextual evaluation based on responsive constructivists creates new pathways for improving treatment technique. She has built this surgery expertise after years of experience in research, teaching hospital and administration both in hospital and education institutions.

ferdousdipti.vet@gmail.com

Notes: