



Cairo University

Faculty of Veterinary Medicine

Department of Surgery, Anaesthesiology and Radiology

STUDIES ON DIFFERENT SURGICAL INTERFERENCES OF THE GENITAL SYSTEM IN BITCHES AND QUEENS

A Thesis Presented By

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(B.V.Sc., Faculty of Veterinary Medicine, Cairo University, 2005)

For The Degree of

M. V. Sc

(Surgery, Anaesthesiology and Radiology)

Under The Supervision of

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Cairo University

2015

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وأنفعني بما علمتني

وزدني علما

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Abstract

The present study aimed at diagnosis of the surgical genital system affections of bitches and queens utilizing some important diagnostic techniques such as radiography, ultrasonography and histopathology included the different surgical interferences for treatment of these surgical affections. The current study was conducted on 328 animals including; 202 bitches and 126 queens with various genital system affections during the period extending from January 2010 to January 2015. These animals were of different ages (7 months – 15 years) and breeds at Cairo and Giza Governorates. These affections included; ovarian cysts, ovarian tumors, pyometra, pyometra with ovarian cysts, uterine tumors, uterine prolapse, uterine torsion, cervical tumor, vaginal hyperplasia, vaginal tumor, transmissible venereal tumors and mammary gland tumors. The highest incidence of the genital system affections of bitches and queens was in spring (34.1%). The other seasonal distributions were (26%), (20.4%) and (19.5%) in winter, autumn and summer respectively. The incidence of genital system neoplasms and pyometra is directly proportional to the animal's age. Ovariohysterectomy is a radical and successful surgical interference for many genital system affections in bitches and queens especially the cases of pyometra, uterine torsion, uterine prolapse and uterine tumours. Moreover, ovariohysterectomy is recommended to decrease the incidence of genital system affections in bitches and queens.

Dedication

*To my father, mother and all my family for their support, constructive criticism and their valuable advice, especially my father, **Mr. Younis** who always encourages me to do better and to drink deeply from the springs of knowledge and science and value my education.*

*Finally I can't forget my son, **Younis** who always gives me the light of hope for bright future, asking my Lord to increase me in knowledge, expand my breast and ease my task for me.*

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