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Pathological studies on female reproductive system affections in dogs and cats

Thesis presented by

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Abstract

In the present study, ovarian affections were seen in 31 female dogs out of 45 examined cases in an incidence of 68.8 % classified to 25 non-neoplastic cases in an incidence of 55.6 % and 6 neoplastic cases in an incidence of 13.3 %. On another side, ovarian affections were recorded in 60 female cats out of 70 examined cases in an incidence of 85.7 % classified to 53 non-neoplastic cases in an incidence of 75.7 % and 7 neoplastic cases in an incidence of 10 %.

While analysis of surgically removed fallopian tubes during salpingectomy, tubal ligation, or along with hysterectomy/oophorectomy was included in this study. As the pathological lesions of the fallopian tube in female dogs represented as 6 cases out of 45 examined animals in an incidence of (13.3%). Female cats were observed in 9 cases out of 70 examined animals in an incidence of (12.9%).

Uterine affections were recorded in 30 female dogs out of 45 examined cases in an incidence of 87.1% classified to 28 non-neoplastic cases in an incidence of 62.2 % and 2 neoplastic cases in an incidence of 4.4 %. On another side, uterine affections were seen in 61 female cats out of 70 examined cases in an incidence of 66.6% classified to 55 non-neoplastic cases in an incidence of 78.6 % and 6 neoplastic cases in an incidence of 8.6 %. Two cases (one female dog 2.2 % and one female cat 1.4 %) recorded in placental affections.

Key words: Ovary, uterus, uterine tube, placenta, female cat, female dog, reproductive affections, infertility, neoplastic lesions.

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Lists of contents	Page No.
1. Introduction	1
2. Review of literatures	5
2.1. Ovarian affections	5
(A)-Non-Neoplastic Lesions of the Ovary AI- Lesions of the Follicular and Stromal Elements AII- Surface Proliferative Lesions AIII- Vascular Lesions AIV- Miscellaneous Lesions	5 10 10 11
(B) Neoplastic lesions of the Ovary	13
2.2. Oviduct affections	20
2.3. Uterine affections	23
(A) Non-Neoplastic lesions of the uterus A-I) Congenital Defects: A-II) Endometrial hyperplasia: A-III) Endometrial polyps A-IV) Adenomyosis A-V) Mucometra/hydrometra A-VI) Inflammatory lesions: A-VII) Cysts and embryonic remnants A-VIII) Pathological effects of contraceptive drugs for spaying	23 24 29 31 32 33 41 42
(B) Neoplastic lesions of the uterus	44

2.4. Placental affections	50
(a)- Subinvolution of placental sites	50
(b)- Partial hydatidiform mole	51
3. Materials and methods	53
4. Results	59
4.1. Ovarian affections	59
(A)-Non-Neoplastic Lesions of the Ovary AI- Lesions of the Follicular and Stromal Elements AII- Surface Proliferative Lesions AIII- Vascular Lesions AIV- Miscellaneous Lesions	60 63 63 64
(B) Neoplastic lesions of the Ovary B-I) Ovarian Epithelial Neoplasms B-II) Sex Cord-Stromal Tumors B-III) Sertoli-Stromal Cell Tumors B-IV) Sex Cord-Stromal Tumors during pregnancy B-V) Germ Cell Tumors of the Ovary B-VI) Nonspecific Tumors of the Ovary Ovarian affections tables Ovarian affections figures	66 67 68 69 69 70 71 73

4.2. Oviduct affections	96
I- Mesonephric duct remnants (Wolffian rests) II- Cysts of the uterine tube III- Hyperplastic uterine tubes IV- Inflammation V- Hydrosalpinx Oviduct affections table Oviduct affections figures	96 97 97 97 98 99 100
4.3. Uterine affections	105
(A) Non-Neoplastic lesions of the uterus A-I) Congenital Defects: A-II) Endometrial hyperplasia: A-III) Endometrial polyps A-IV) Adenomyosis A-V) Mucometra/hydrometra A-VI) Inflammatory lesions: A-VII) Cysts and embryonic remnants A-VIII) Pathological effects of contraceptive drugs for spaying	106 106 108 108 109 110 112 113
(B) Neoplastic lesions of the uterus B-I) Endometrioid adenocarcinoma: B-II) Mesenchymal Tumors of the Uterus: Uterine affections tables Uterine affections figures	 114 116 118 125

4.4. Placental affections	153
(a)- Subinvolution of placental sites	153
(b)- Partial hydatidiform mole	154
Placental affections table	155
Placental affections figures	156
5. Discussion	160
5.1. Ovarian affections	160
(A)-Non-Neoplastic Lesions of the Ovary	
AI- Lesions of the Follicular and Stromal Elements	160
AII- Surface Proliferative Lesions	163
AIII- Vascular Lesions	163
AIV- Miscellaneous Lesions	164
(B) Neoplastic lesions of the Ovary	167
5.2. Oviduct affections	172
5.3. Uterine affections	175
(A) Non-Neoplastic lesions of the uterus	
A-I) Congenital Defects:	175
A-II) Endometrial hyperplasia:	175
A-III) Endometrial polyps	177
A-IV) Adenomyosis	177
A-V) Mucometra/hydrometra	178
A-VI) Inflammatory lesions:	179
A-VII) Cysts and embryonic remnants	183
A-VIII) Pathological effects of contraceptive drugs for spaying	183

(B) Neoplastic lesions of the uterus	185
B-I) Endometrioid adenocarcinoma:	185
B-II) Mesenchymal Tumors of the Uterus:	188
5.4. Placental affections	190
(a)- Subinvolution of placental sites	190
(b)- Partial hydatidiform mole	191
6. Summury and conclusion	193
7. References	199
الملخص العربي	

List of Tables		
TABLE	Contents of Table	Page
1	Showing the incidence of female genital system affection in both dogs and cats.	71
2	Showing the incidence of non-neoplastic lesions in both female dogs and cats ovaries.	71
3	Showing the incidence of neoplastic lesions in both female dogs and cats ovaries.	72
4	Showing the incidence of fallopian tube lesions in both female dogs and cats.	99
5	Showing the incidence of non-neoplastic lesions in both female dogs and cats' uterus	118
6	Showing the relation between uterine lesions of female dogs and isolated bacteria.	119
7	Showing the relation between uterine lesions of female cats and isolated bacteria.	119
8	Showing the incidence of neoplastic lesions in both female dogs and cats' uterus.	120
9	Showing the pathological findings of non- neoplastic lesions of female reproductive organs in female cats.	121
10	Showing the pathological findings of neoplastic lesions of female reproductive organs in female cats.	122

11	Showing the pathological findings of non- neoplastic lesions of female reproductive organs in female dogs.	123
12	Showing the pathological findings of neoplastic lesions of female reproductive organs in female dogs.	124
13	Showing the incidence of placental lesions in both female dogs and cats.	155

List of Figures		
Figure	Contents of figure	Page
1	Ultrasound transverse scan image of female cat showing multilocular anechoic content of the enlarged ovary.	73
2	Ovary of female cat showing large follicular cyst occupying most of ovarian parenchyma (arrow).	73
3	Ovarian tissue section of female dog showing follicular cyst characterized by thin wall and filled with pale acidophilic residue and cell debris (arrow) (H&E x200).	74
4	Ovarian tissue section showing follicular cyst lined by inner layers of granulosa cells, an outer layer of theca interna cells (H&E x200).	74
5	Ovarian tissue section showing follicular cyst characterized by a reticulum network within the theca interna layer (arrow) (H&E X400).	75
6	Ovarian tissue section showing large follicular cyst lined by a single layer of flattened cells resting on a thin fibrous capsule (arrow) (H&Ex200).	75
7	Ultrasound transverse scan image of female cat abdomen showing hypoechoic enlarged left ovary.	76
8	Ovary of female cat showing multiple corpora luteal cysts occupying most of ovarian parenchyma (arrow).	76
9	Ovarian tissue section showing large Corpora lutea cyst distorted the ovarian architecture (H&E x40).	77

10	Ovarian tissue section showing Corpora lutea cyst contained acellular eosinophilic material within the lumen (arrow) (H&E x200).	77
11	Ovarian tissue section showing multiple corpora luteal cysts composed of large luteinized granulosa cells and an outer layer of smaller luteinized theca interna cells (H&E X100).	78
12	Ovarian tissue section showing nests of luteinized cells embedded within the fibrous tissue wall (arrow) (H&EX200).	78
13	Ultrasound transverse scan image of female dog showed hypoechoic enlarged ovary	79
14	Ovary of female dog showing multiple ovarian cyst.	79
15	Ovarian tissue section showing large follicular cyst with focally exfoliated granulosa cells arrow (H&EX100).	80
16	Ovarian tissue section showing multiple follicular cysts lined with non- luteinized cells (arrow) (H&E x100).	80
17	Ovarian tissue section showing paraovarian cysts supported by smooth muscle (arrow) (H&E x100).	81
18	Ovarian tissue section showing paraovarian cysts lined by flattened epithelium contained pale stained eosinophilic fluid (arrow) (H&E x200).	81
19	Ovarian tissue section showing nest of luteinized cells which consisted of polygonal cells (arrow) with stromal hyperplasia (H&E x200).	82
20	Ovarian tissue section showing cortical fibromatosis characterized by proliferation of collagen-producing spindle cells (H&E x200).	82

21	Ovarian tissue section showing surface epithelial inclusion (SEI) glands and cysts appeared multiple, scattered throughout the superficial cortex (arrow) (H&E X200)	83
22	Ovarian tissue section showing cystic glandular structure lined by cuboidal cells (arrow) (H&E X200)	83
23	Ovarian tissue section showing sub-capsular ovarian haemorrhages and free blood cells (arrow) (H&E x200)	84
24	Ovarian tissue section showing periarteritis which characterized by fibrinoid necrosis of tunica media (arrow) and oedema of the surrounding tissues (H&E x200)	84
25	Ovarian tissue section showing perivascular oedema and leukocytic infiltration with moderate numbers of lymphocytes and histiocytes (H&E X400)	85
26	Ovarian tissue section showing rete tubule cysts lined by a single layer of epithelium and surrounded by fibromuscular stroma (H&EX200).	85
27	Ovarian tissue section showing distention of the rete tubules and compression of cortex (H&E x200)	86
28	Ovarian tissue section showing a remnant of ovarian tissue surrounded by chronically inflamed fibrous tissue (arrow) (H&E x200)	86
29	Ovarian tissue section showing calcified cyst appeared as deeply basophilic mass (arrow) (H&E X200)	87
30	Ovarian tissue section showing calcified ovarian cyst (arrow) (H&EX200)	87

31	Ovarian tissue section showing angiectasis characterized by dilated vascular channels lined by endothelial cells (arrow) (H&E X200)	88
32	Ovary of female dog showing Serous cystadenoma appeared as gray-yellowish and cystic mass	88
33	Ovarian tissue section showing Serous cystadenoma characterized by unilocular cysts filled with clear watery fluid (arrow) (H&E x100)	89
34	Ovarian tissue section showing serous cystadenoma in form of coarse papillary projections (arrow) (H&E x200)	89
35	Ovarian tissue section showing Brenner tumor which appeared as sharply demarcated epithelial nests in a dense fibrous stroma (arrow) (H&E x200).	90
36	Ovarian tissue section showing granulosa-stromal cell tumors which formed of small luteinized cells with round nuclei, in a diffuse sarcomatous pattern (arrow) (H&E x400)	90
37	Ovarian tissue section showing granulosa-stromal cell tumor in form of closely-packed cells and few numbers of small abortive follicles (Call-Exner bodies) (arrow) (H&E X200).	91
38	Ovarian tissue section showing thecoma appeared as mass of a pale, and lipid-rich cells and intersected by fine fibrous bands (arrow) (H&EX400)	91
39	Ovarian tissue section showing fibroma mass characterized by interlacing bundles of cellular fibrous connective tissue and few numbers of spindle theca cells (H&E x100)	92
40	Ovarian tissue section showing Sertoli-leydig cell tumor characterized by tubular pattern separated by fibrous bands and the lumen of tubules contained scanty eosinophilic secretion (arrow)	92