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|  **An Evaluation of Mastectomy for Removal of Mammary Glands Tumors in Bitches** | Research Title  |
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|  The aim of this study is an evaluation of mastectomy for removal of mammary glands tumors of bitches referring to histopathological aspect. During a period of three years extending from March 2007 till March 2010, seventeen bitches were presented to department of surgery-college of veterinary medicine-Baghdad, suffering from mammary glands tumors were treated surgically. Diagnosis of the cases was based on case history, clinical signs, in addition several photographs were taken to denote if there was metastases of the tumor to other organ or not. The definitive diagnosis was confirmed via histopathological examination of tumors biopsies.  The surgical operations were done under the effect of general anesthesia represented by a combination of Ketamine–Xylazine preceding by atropine sulfate. All drugs injected I.M. Following surgery secondary health problems were happened in seven animals out of (17 treated cases).Histopathological examination of tumor biopsies obtained from affected glands revealed that the tumor was adenocarcinoma (malignant type). Finally we can concluded that surgery is an effective method to cure the mammary glands tumors in spite of secondary complications in some bitches, which all responds to treatment with the exception of the dead bitch.  | Abstract |