***DEDICATION***

***I would like to dedicate my report to my beloved parents, all respected teachers and friends***

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**LIST OF ABBREVIATIONS**

|  |  |
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| **Abbreviation** | **Elaboration** |
| CEH | Cystic Endometrial Hypoplacia |
| CVASU | Chittagong Veterinary and Animal Sciences University |
| CVH | Central Veterinary Hospital |
| DR | Doctor |
| DSH | Domestic Short Hair |
| I/m | Intra mascular |
| Kg | Kilogram |
| MVC | Madras Veterinary College |

**ABSTRACT**

Pyometra is a commonly occurring uterine disease in cats that often leads to loss of breeding potential and in some cases can be life threatening. A 2 years old queen with a history of haemopurulent vulvar discharge, depression, listlessness, lethargy, anorexia, vomiting and weight loss was presented at Central Veterinary Hospital, Dhaka. In physical examination findings, there were abdominal distension and dehydration. As per clinical history from owner hormonal drug was administered to the queen 3 months before. Based on the clinical examination, it was diagnosed as open pyometra and decided to perform ovariohysterectomy. The surgery was aseptically controlled with general anaesthesia G-ketamine (trade name). Line incision was done at ventral abdominal midline and pus filled uterus with ovaries were removed. All the muscles layers were sutured with simple interrupted suture using chromic catgut 3/0. Skin was closed by vertical mattress suture using nylon. As post operative care antibiotic, antihistaminic, analgesic were administered. After 14 days of surgery the external suture material was removed and the cat was recovered without any noticeable complications.

**Key word:** Queen, Pyometra, ovariohysterectomy.