

THERAPEUTIC DRUGS IN PANCREATITIS TREATMENT OF CATS AND DOGS AT GASING VETERINARY HOSPITAL SELANGOR, MALAYSIA

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FACULTY OF VETERINARY MEDICINE IPB UNIVERSITY BOGOR 2021





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ABSTRACT

NEESHA DARSHINY M RAVI. Therapeutic Drugs in Pancreatitis Treatment of Cats and Dogs at Gasing Veterinary Hospital Selangor, Malaysia. Supervised by ANDRIYANTO and AGUS SETIYONO.

Inflammation of the pancreas or widely known as pancreatitis, is commonly seen in dogs and cats in the veterinary field. This study aims to understand and gain knowledge on the usage of therapeutic drugs in pancreatitis treatment of cats and dogs at Gasing Veterinary Hospital (GVH) in 2019. GVH received a total of 125 patients diagnosed with pancreatitis in the year 2019. Types of drugs that were used in treating pancreatitis are fluid therapy, antibiotics, analgesics, antacids, and antiemetics. Fluid therapy and analgesic/ Nonsteroidal anti-inflammatory drugs (NSAIDs) were the highest used treatment throughout the year with a percentage of 24% each. Fluid therapy that was administered was the Hartmann's solution (IV). Antacids were the second highest used with a percentage of 23%. This is followed by antibiotics 18% and antiemetics at 11%. The commonly used antibiotic was Ceftriaxone combined with Metronidazole whereas analgesic, antacid, antiemetic were Meloxicam, Ranitidine, and Maropitant Citrate, respectively. It can be concluded that fluid therapy has been the most administered treatment for pancreatitis in GVH year 2019.

Key words: analgesic, antacid, antibiotic, antiemetics, pancreatitis

ABSTRAK

NEESHA DARSHINY M RAVI. Terapi Pengobatan Pankreatitis pada Kucing dan Anjing di Rumah Sakit Hewan Gasing Selangor, Malaysia. Dibimbing oleh ANDRIYANTO dan AGUS SETIYONO.

Inflamasi pankreas atau lebih dikenal dengan pankreatitis biasa terlihat pada kucing dan anjing di bidang kedokteran hewan. Penelitian ini bertujuan untuk mengetahui dan menambah pengetahuan tentang penggunaan obat terapeutik dalam pengobatan pankreatitis pada kucing dan anjing di Rumah Sakit Hewan Gasing (GVH) pada 2019. GVH menerima total 125 pasien yang didiagnosa pankreatitis pada tahun 2019. Jenis-jenis obat yang digunakan untuk mengobati pankreatitis adalah terapi cairan, antibiotik, analgesik, antasida, dan antiemetik. Terapi cairan dan analgesik/obat anti inflamasi nonsteroid (NSAID) merupakan pengobatan terbanyak yang digunakan dengan persentase masing-masing 24%. Terapi cairan yang diberikan adalah larutan Hartmann (IV). Ini diikuti dengan antasida 23%, antibiotik 18% dan antiemetik pada 11%. Antibiotik yang digunakan adalah Ceftriaxone dikombinasikan dengan Metronidazol sedangkan analgesik, antasida, antiemetik adalah Meloxicam, Ranitidine, dan Maropitant Sitrat. Dapat disimpulkan bahwa terapi cairan merupakan pengobatan pankreatitis yang paling banyak diberikan pada GVH tahun 2019.

Kata kunci: Analgesik, antasida, antibiotik, antiemetik, pankreatitis.









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FOREWORD

The author is thankful to God for giving her good health and well-being throughout the completion of this research. The title of this study is A Study of the Treatment of Pancreatitis in Cats and Dogs at Gasing Veterinary Hospital. This script is a requirement to gain the Bachelor of Veterinary Medicine.

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Selangor, July 2021

Neesha Darshiny M Ravi







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