

# FELINE HEPATIC LIPIDOSIS

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VITAPET ANIMAL CLINIC

## **FACTS about FHL :**

- Most common liver disease in cats
- Develops in cats in association with profound and protracted anorexia
- Most affected : Obese, middle aged ( 2 – 8 y.o), and domestic shorthair breed
- Can occur secondary to any disease that result to decrease in appetite
- Potentially lethal

## **CLINICAL SIGNS :**

- Inappetence
- Lethargy
- Dramatic weight loss
- Dehidration
- Ichterus

## **DIFFERENTIAL DIAGNOSIS :**

- CHOLESTATIS
- HEPATIC TOXOPLASMOSIS
- FIP
- PANCREATITIS
- IBD
- HYPERTHYROIDISM
- TOXICITIES

## **HOW DOES IT OCCUR?**

- Cat doesn't eat for some period of times
- Fat that stored somewhere else in body moved to liver
- Liver overwhelmed with the amount of fat that received from other part of body
- Liver no longer work properly, fat accumulates in it
- Liver failure occur

## **LABORATORY FINDINGS :**

- CBC usually normal
- There might be non specific abnormalities such as NRE Anemia
- Increased bilirubin concentration
- Increased ALP activity (most of the cases)
- Increased ALT and AST activities ( less common )

**Treatment :****NUTRITIONAL SUPPORT IS CORNERSTONE**

- STABILIZE PATIENT
- MINIMIZING STRESS
- INITIATE ENTERAL SUPPORT
- RESTORE FLUID BALANCE
- COBALAMINE (B12) SUPPLEMENT
- LIVER SUPPLEMENTATION (L-carnitine, taurine, Sadenosylmethionine (SAME) and silybin)
- TREAT UNDERLYING PRIMARY DISEASE
- DIET PLAN : LOW CARBS AND HIGH AMOUNT OF PROTEIN

**CASE :**

Kucing Iput (DSH, 2 y.o, Male, Black and White), belum pernah vaksin dan obat cacing  
Datang ke Vitapet Clinic tanggal 20 November 2017 dengan keluhan tidak mau makan sudah 2 harian

**Anamnesa :**

Owner baru berpergian keluar kota seminggu, rumah banyak tukang karena sedang renovasi, di rumah ada 2 kucing lain tidak ada masalah, sempat dibawa ke klinik dekat rumah disarankan untuk cek darah karena mukosa icterus

**Pemeriksaan Fisik :**

BW : 2,8 kg, T : 39.5 °C , Mukosa Ichterus Kering, Tugor >2s, Tachicardia, Abdomen Tidak tension dan sakit,

**TREATMENT PLAN FOR IPUT :**

- Normal Saline 100 ml IV/ day
- Ampicillin 15 mg/ kg IV BID
- Biodin 0.5 ml IV SID
- Samylin Small 1 tab PO SID
- Diet : Hill's a/d