

Section-4: Product Watch

Alpha™ - Liv Drops

Due to high demand from the market, for a formulation in drops for the liver, apart from the syrup already available in the market, Schwabe India developed this product.

Introduction

The liver plays a key role in metabolism. It has anabolic and catabolic, exocrine and endocrine functions. The liver is a blood reservoir, filter and store of different substances (e.g. glycogen, vitamins). It is the site of serum protein (e.g. albumin, prothrombin, fibrinogen) and enzyme synthesis. Metabolic processes (e.g. bilirubin, hormone, carbohydrate and lipid turnover) and the removal of toxic products are important liver functions.

Hepatotoxins¹ (e.g. alcohol, tetracycline, acetaminophen, fungal toxins, and anabolic steroids) can cause specific damage to liver cells. Toxic hepatitis may be clinically silent or severe enough to lead to the rapid development of hepatic failure. Clinical features include hepatomegaly, enzyme abnormalities, fever, abdominal pain, anorexia, nausea, vomiting and weight loss. In patients with underlying cirrhosis, manifestations of portal hypertension may predominate. Aversion to fatty food, abdominal discomfort, nausea and vomiting after meals may be symptoms of cholelithiasis.² Jaundice results from accumulation of bilirubin. It has non-hepatic as well as hepatic causes. Hyperbilirubinaemia may be due to abnormalities in the formation, transport, metabolism or excretion of bilirubin.³

Alpha™-Liv Drops aids recovery and normalisation of liver functions. Severe liver disease needs specialised treatment.

Indications: Slow liver functions, fatty liver, and for supportive treatment of hepatocellular jaundice and toxic liver damage.

Composition

Acidum citricum	3X 20%
Andrographis paniculata	3X 20%
Carduus marianus	3X 40%
Chelidonium majus	3X 8%
Hydrastis canadensis	3X 4%
Ipecacuanha	3X 4%
Podophyllum peltatum	3X 4%
Alcohol content	87%
Excipients Q.S.	

Proven indications of the individual ingredients in the sphere of claimed action:

Acidum citricum is used in haemorrhages, oedema and all forms of dropsy. It regulates the bile flow and some forms of acid-base imbalance.

Andrographis paniculata is indicated for liver disease in children, prolonged fever, general debility, enlarged liver and jaundice. It is a tonic and anthelmintic, and is useful in the treatment of dysentery and dyspepsia.

Carduus marianus acts on liver, vascular and portal system, in particular. It is used for liver problems due to abuse of alcoholic beverages, enlargement of liver causing fullness and soreness, hyperaemia of liver, jaundice and initial stages of cirrhosis. Irritability and apathy, lack of appetite, nausea, vomiting, profuse diarrhoea and constipation, haemorrhagic piles, and itching at night are covered.

Chelidonium majus is a liver remedy, covering many of the direct reflex symptoms of diseased conditions of the organ. It is indicated in jaundice, enlarged liver, gall colic, distension and sluggish bowels due to hepatic disease or bilious complications.

Hydrastis canadensis has a marked action on the liver. It acts on torpid and tender liver, jaundice, dull dragging pain in the right groin, gall stones, constipation, tumour state when pain is prominent.

Ipecacuanha acts on persistent nausea and vomiting, cutting pain around the naval, tenesmus and liver sore.

Podophyllum peltatum is indicated for distended abdomen, feeling of heat and emptiness, sensation of weakness or sinking, painful liver region, jaundice, portal engorgement, gastro-enteritis-like symptoms.

Directions for use

Dosage: Unless otherwise prescribed by the physician, **Alpha™-Liv Drops** should be taken as follows: In acute cases 5 drops every 1-2 hourly. As symptoms improve, 10-20 drops 1-3 times a day. It is a well-tolerated formulation and can be used for prolonged periods. Children should be given half the adult dose.

Note: For treatment during pregnancy and lactation, and for patients with serious liver or alcohol problems, in particular, please note that this product contains a small quantity of alcohol per dosage.

Side effects: No side effects of Alpha™-Liv Drops are known.

Contra-indications: No contra-indications for the use of Alpha™-Liv Drops are known.

Interactions: No interactions between Alpha™-Liv Drops and other products are known.

Presentation: Bottle of 30 ml.

References:

1. Zimmerman, Hyman J. "Hepatotoxicity: the adverse effects of drugs and other chemicals on the liver." (1999).
2. Littlefield, Amber, and Christy Lenahan. "Cholelithiasis: presentation and management." *Journal of midwifery & women's health* 64.3 (2019): 289-297.
3. Wang, Xia, Jayanta Roy Chowdhury, and Namita Roy Chowdhury. "Bilirubin metabolism: applied physiology." *Current Paediatrics* 16.1 (2006): 70-74.



Good Morning™ Constipation Drops

This product was created in response to a market need for a formulation for constipation and associated issues.

Introduction

Constipation is one of the very common day-to-day problems in the high-living society. As per reports, 22% of Indians are suffering from constipation.¹ It is more common in the metro cities. Constipation can be perceived as infrequent bowel movements, difficulty in defecation, distress symptoms of faecal incontinence, retentive posture, withdrawal behaviour, etc. No international consensus has been reached regarding definition of constipation. All age people can have constipation. Constipation can be an associated complaint of other physical problems. As per the data, constipation is more likely in people suffering from diabetes. 60% of people with long-standing diabetes were estimated to deal with constipation.² In females, constipation was found more common during pregnancy. Changes in a woman's hormones and pressure to the rectum make them more prone to constipation. Other common causes of constipation are lack of fibre in diet, eating excess of milk or cheese, irregular routine such as traveling or eating or going to bed, sedentary life style, medications, medical conditions, dehydration, etc. Non-treated chronic constipation may be complicated with other health issues like piles, anal fissure, urine to leak from the bladder due to pelvic floor muscles, from straining, infection in the colon, etc.

Good Morning™ is a formulation to treat the constipation (both acute and chronic constipation) and the symptoms arises thereof. The therapeutic components of the **Good Morning™** are well known and clinically established. Ingredients of the formulation complement each other and



protect the gut from the complications of constipation. They cover the characteristics symptoms of constipation. Efficacy and safety of **Good Morning™** was studied in in-vivo model. It exhibited excellent anti-constipation activity through modulation of intestinal motility and bulk-forming mechanism. It has also demonstrated superior safety profile.

Indications: Constipation and related problems

Composition:

Each ml contains:

Hydrastis Canadensis	2X 10% v/v
Leptandra	3X 10% v/v
Oleum ricini	3X 10% v/v
Podophyllum peltatum	3X 10% v/v