

# Melasil<sup>®</sup>

## Metoclopramide preparations

### COMPOSITION:

**Melasil<sup>®</sup> Tablets :** Each tablets contains: Metoclopramide HCl BP 10mg

**Melasil<sup>®</sup> Syrup :** Each 5ml contains: Metoclopramide HCl BP 5mg

### INDICATIONS:

**Melasil<sup>®</sup>** (Metoclopramide) is indicated in:-

1. Radiological exploration of the gastrointestinal tract.
2. Nausea, Vomiting or Hiccups of digestive, peritoneal or neurological origin and post operative vomiting.
3. For gastro-oesophageal reflux or gastric stasis.
4. Paediatrics-nausea and vomiting of any origin and gastric intolerance to drugs.

### ADMINISTRATION AND DOSAGE:

#### Adults:

**Melasil<sup>®</sup> Tablets :** Orally one tablet three times a day before food.

**Melasil<sup>®</sup> Syrup :** Orally 2 teaspoonfuls three times a day before food.

#### Children:

Age less than 1 year : 1ml twice daily.

One to Three years : 1ml two to three times daily.

Three to Five years : 2ml two to three times daily.

Five to Nine years : 2.5ml three times daily.

Nine to Fourteen years : 5ml three times daily.

Fifteen to Nineteen years : 5mg to 10mg 3 times daily depending upon body weight.

Higher doses have been used in cancer chemotherapy for controlling vomiting and nausea but should not exceed 10mg per Kg body weight over 24 hours.

### CONTRA-INDICATIONS:

**Melasil<sup>®</sup>** should not be used whenever stimulation of gastrointestinal motility might be dangerous. e.g. in the presence of gastrointestinal haemorrhage, mechanical obstruction or perforation.

**Melasil<sup>®</sup>** is contraindicated in patients with known sensitivity or intolerance to Metoclopramide. **Melasil<sup>®</sup>** should not be used in epileptics or those receiving other drugs which may cause extrapyramidal reactions, since the frequency or severity of seizures or extrapyramidal reactions may be increased.

### WARNINGS:

The extrapyramidal effects of phenothiazines are enhanced by **Melasil<sup>®</sup>**.

The actions of anticholinergics is diminished by **Melasil<sup>®</sup>** or over dosage.

The actions of **Melasil<sup>®</sup>** are diminished by anticholinergics.

The absorption of other drugs may be affected by **Melasil<sup>®</sup>**.

### PHARMACOLOGY:

#### Pharmacodynamic Properties:

**Melasil<sup>®</sup>** stimulates motility of the upper gastrointestinal tract without stimulating gastric, biliary or pancreatic secretions. The mode of action appears to be antagonism of dopaminergic mechanisms which are physiological inhibitors of gastrointestinal motility. The effect of Metoclopramide on gastric motility is not dependent on intact vagal innervation, but it can be abolished by anticholinergic drugs. Metoclopramide increases the tone and amplitude of gastric and especially antral contractions. It relaxes the pyloric sphincter and the duodenal bulb and increases peristalsis of the duodenum and jejunum resulting in accelerated gastric emptying and the intestinal transit. It also increases the resting tone of the lower oesophageal sphincter. Metoclopramide has very little effect on the motility of the colon or gall bladder. The onset of action is within 1 to 3 minutes after an intravenous dose and the effect lasts for 1 to 2 hours.

#### Pharmacokinetic Properties

Metoclopramide is rapidly absorbed in both the routes. It is excreted through urine to an extent of 85% either free or as metabolite.

**SHELF LIFE:** As per product Label

**LEGAL CATEGORY:** Prescription Only Medicine (POM)

**STORAGE CONDITIONS:** Store in a dry place below 30°C. Protect from light. Keep all medicines out of reach of children.

### PRESENTATION:

**Melasil<sup>®</sup> Tablets :** Available in bulk pack of 1000's and blister packs of 10x10 tablets.

**Melasil<sup>®</sup> Syrup :** Available in 100ml amber coloured bottle in a unit box.

**LAST DATE OF REVIEW :** July 2017

**LICENCE HOLDER: LABORATORY & ALLIED LTD.**



**Laboratory & Allied Ltd.**

Plot No. 209/10349, Mombasa Road,  
P.O. Box 42875, Nairobi, Kenya

LTM004-00