

# Perkinil®

Procyclidine hydrochloride

## COMPOSITION

**Perkinil®** Tablet : Each tablet contains Procyclidine hydrochloride USP 5 mg.

**Perkinil®** Injection : Each 2 ml injection contains Procyclidine hydrochloride USP 10 mg.

## PHARMACOLOGY

**Perkinil®** (Procyclidine hydrochloride) is an antimuscarinic antiparkinsonian agent of relatively low toxicity. It is a synthetic tertiary amine. This drug exerts their antiparkinsonian effect by correcting the relative cholinergic excess which is thought to occur in parkinsonian as a result of dopamine deficiency. It is absorbed from G.I. tract and disappears rapidly from the tissues. After intravenous administration, it acts within 5 to 20 minutes and has duration of effect upto 4 hours.

## INDICATION

**Perkinil®** is used for the adjunctive treatment of all forms of parkinsonian syndrome. It is mainly used for the symptomatic treatment of idiopathic (paralysis agitans), postencephalitic and arteriosclerotic parkinsonian. It is used to control troublesome extrapyramidal symptoms including pseudo- parkinsonian, acute dystonic reactions and akathisia induced by neuroleptic drugs such as phenothiazine derivatives.

## DOSAGE & ADMINISTRATION

**Perkinil®** tablet is administered orally, preferably after meals.

*Parkinsonism:* Initially 2.5 mg 3 times a day, then 5 mg 3 times a day and occasionally 5 mg at bed time. The dosage being adjusted as tolerated or until the total daily dose reaches 20 to 30 mg divided into 3 to 4 doses.

*Drug induced extrapyramidal symptom:* Initially 2.5 mg 3 times a day. The dosage being increased by 2.5 mg increment per day as needed and tolerated.

By intramuscular or intravenous injection, 5-10 mg, repeated if necessary after 20 minutes; maximum 20 mg daily can be given.

*Children:* Safety and efficacy have not been established in the pediatric age group; therefore the use of Procyclidine hydrochloride in this group requires that the potential benefits be weighed against the possible hazards to children.

## CONTRAINDICATION & PRECAUTION

It should be given with caution in children and geriatric patients. It is advisable to be cautious in giving **Perkinil®** to patients with diarrhoea and cardiovascular disease, glaucoma, urinary retention, hepatic or renal impairment. The safety of using procyclidine during pregnancy has not been established. No data are available on the excretion of this drug in breast milk.

## SIDE EFFECT

At usual dosage levels dryness of the mouth is generally the only adverse effect. Mydriasis, blurred vision and adverse G.I. effects (nausea, vomiting, epigastric distress, constipation) occur occasionally. An allergic reaction (e.g. rash) or muscular weakness may occasionally occur. High doses may cause vertigo and possibly confusion and hallucination. Adverse effect may usually be minimized by adjustment of dosage and administration after meal.

## DRUG INTERACTION

The anticholinergic activity of procyclidine may be increased by agents having anticholinergic amantadine. The absorption of ketoconazole may be reduced by concomitant administration of procyclidine.

## USE IN PREGNANCY & LACTATION

The safe use of this drug in pregnancy, lactation or in women of childbearing age requires that the potential benefits be weighed against the possible hazards to the mother and child.

## STORAGE

Protect from light and moisture, store below 25° C. Keep out of the reach of children.

## HOW SUPPLIED

**Perkinil®** Tablet: Each Box containing 10 x 20 tablets in blister pack.

**Perkinil®** Injection : Box containing 1 ampoule in blister pack.

Manufactured by



**SQUARE**  
**PHARMACEUTICALS LTD.**

Kaliakoir, Bangladesh

® Registered Trade Mark