

## APET

### PRESENTATION:

**Apet Syrup:**                   **Each 5ml contains:**  
Cyproheptadine Hydrochloride BP 2mg  
Flavored Syrup Base           q.s.  
Color: Sunset Yellow FCF  
Available in 100 & 200 ml Bottle

**Apet Tablet:**               **Each tablet contains:**  
Cyproheptadine Hydrochloride Anhydrous BP 4mg  
Color: Sunset Yellow FCF  
Available in 30 Tablets x 10 Blisters.

### CATEGORY:

Antihistaminic (H<sub>1</sub> – receptor)  
Appetite Stimulant

### INDICATION:

- ◆ Rhinitis
- ◆ Conjunctivitis, allergic
- ◆ Urticaria
- ◆ Angioedema
- ◆ Cold Urticaria.
- ◆ Appetite Stimulant
- ◆ Headache, Vascular

### DOSAGE:

**Allergy:**   **Adult:**                   4mg 3-4 times/day, *Max.* 32mg/day  
              **2-6 years Child:**       2mg 2 – 3 times /day *Max* 12 mg  
              **7-14 years Child:**     4mg 2-3 Times /day *Max* 10mg/day

### MECHANISM OF ACTION:

Apet is a potent antagonist of histamine, acetylcholine & serotonin.

#### ***Antihistaminic:***

◆ Competes with histamine for H<sub>1</sub> – receptor sites thereby antagonizing the pharmacological effect of histamine

#### ***Appetite Stimulant:***

Apet competes with Serotonin [5 HT (5-Hydroxy Tryptamine)] for receptor sites, thus blocking the responses to serotonin in vascular, intestinal, and other smooth muscles. Altering Serotonin

receptor activity in appetite center of hypothalamus, Apet stimulates appetite. Therefore exploited clinically as Anorexia Nervosa.

[Weight is gained most rapidly during the first few weeks of therapy and is lost again when the drug is stopped.]

***Vascular Headache Suppressant:***

- ◆ Effect is due to its antiserotonin action.

***Anticholinergic (Weak action):***

- ◆ Prevents response to Acetylcholine that are mediated by muscarinic receptors.
- ◆ Cyproheptadine has been effective in treating Cushings disease.

**PHARMACOKINETICS:**

**Absorption:** Well absorbed after oral administration.  
**Time of Peak Concentration:** 6 – 9 hrs  
**Duration of action:** 8 hours  
**Onset of action:** 30 mins.  
**Elimination:** Renal 57% Feces 26%

**SIDE EFFECTS/ADVERSE EFFECTS:**

- Dryness of Mouth, Nose or Throat
- ◆ Increase appetite or weight gain
- ◆ Blurred vision, difficult or painful urination

**PRECAUTIONS**

Do not use in neonates, safety and efficacy have not been established in children <2 years of age; symptomatic prostate hypertrophy; antihistamines are more likely to cause dizziness, excessive sedation, syncope, toxic confusion states, and hypotension in the elderly. In case reports, cyproheptadine has promoted weight gain in anorexic adults, though it has not been specifically studied in the elderly. All cases of weight loss or decreased appetite should be adequately assessed.

**CONTRAINDICATIONS:**

- Hypersensitivity to cyproheptadine & other drugs of similar structure
- ◆ Newborns or premature infants
- ◆ Nursing Mother
- ◆ Angle-closure, glaucoma
- ◆ Symptomatic prostatic hypertrophy
- ◆ Bladder neck obstruction, urinary retention (anti-cholinergic effects)

**DRUG INTERACTION AND/OR RELATED PROBLEM:**

- *Alcohol or CNS depressant:* (concurrent use may potential CNS depressant about effects of either these medication or antihistamines)
- *Anticholinergics:* May be potentiated with concurrent use.

For further information, please contact:

**Market Planning Department**



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