

# Pentoxol-M Tablets\*

پینٹوکسل-ایم ٹیبلٹس

## COMPOSITION: Each tablet contains:

Flupenthixol HCl BP/Ph. Eur. ....0.5 mg  
Melitracen HCl\* .....10 mg

**DESCRIPTION:** Flupenthixol is a typical antipsychotic drug. Its empirical formula is  $C_{23}H_{25}F_3N_2OS \cdot 2(HCl)$  and molecular weight is 507.44. Melitracen is a tricyclic antidepressant. Its empirical formula is  $C_{21}H_{26}ClN$  and molecular weight is 327.89.

**PHARMACOLOGY: Pharmacodynamics: Flupenthixol:** Flupenthixol acts by blocking the dopamine (a neurotransmitter) receptors in the brain cells. Excess amount of dopamine receptors normally act to modify behavior and over-stimulation resulting in psychotic illness. Flupenthixol blocks these receptors to control psychotic illness. Thus it is neuroleptic with anxiolytic and antidepressant properties. **Melitracen:** Melitracen acts by decreasing reuptake of norepinephrine and serotonin at the synapse resulting in high concentration of these neurotransmitters at the post-synaptic end. Thus it is antidepressant. **Pharmacokinetics: Flupenthixol:** Maximal serum concentration is reached in about 5 hours after oral administration of flupenthixol. The biological half-life of flupenthixol is about 35 hours. **Melitracen:** Melitracen is a bipolar thymoleptic with activating properties in low doses. It is a tricyclic antidepressant with general properties similar to those of amitriptyline. Maximal serum concentration is reached in about 4 hours after oral administration of melitracen. The biological half-life of melitracen is about 19 hours. The combination of flupenthixol and melitracen does not seem to influence the pharmacokinetic properties of the individual compounds.

**INDICATIONS:** Anxiety, depression, psychogenic depression, depressive neurosis, masked depression, long-lasting myogenic headache, migraine, gastro-intestinal disturbances without organic findings, psychosomatic affections accompanied by anxiety and apathy, menopausal depressions, dysphoria, depressions in alcoholics and drug addicts.

**CONTRAINDICATIONS:** Hypersensitivity to any content of the medicine. The immediate recovery phase after myocardial infarction. Defects in bundle-branch conduction. Untreated narrow angle glaucoma. Acute alcohol, barbiturate and opiate intoxications. Patients who have received a MAO-inhibitor within 2 weeks. Excitable or overactive patients. Pregnancy & lactation.

**POSSIBLE ADVERSE EFFECTS:** Transient restlessness and insomnia.

**DRUG INTERACTIONS:** Alcohol, barbiturates and other CNS depressants. MAO-inhibitors,

neuroleptics, guanethidine, adrenaline and noradrenaline.

**WARNINGS:** If previously the patient has been treated with tranquilizers with sedative effect, these should be withdrawn gradually.

**DOSAGE & ADMINISTRATION:** *Usual Dosage:* Usually 2 tablets of PENTOXOL-M daily, morning and noon. In severe cases, the morning dose may be increased to 2 tablets of PENTOXOL-M. *Dosage in Elderly:* 1 tablet of PENTOXOL-M in the morning. *Maintenance Dose:* Usually 1 tablet of PENTOXOL-M in the morning.  
Do not use without medical advice/supervision.

**SPECIAL INSTRUCTIONS TO THE PHYSICIAN:** *Overdosage:* In cases of overdosage, the symptoms of intoxications by melitracen, especially of anticholinergic nature, dominate. More rarely extrapyramidal symptoms due to flupenthixol occur. Gastric lavage should be carried out as soon as possible and activated charcoal may be administered. Measures aimed at supporting the respiratory and cardiovascular systems should be instituted. Epinephrine (adrenaline) must not be used for such patients. Convulsions may be treated with diazepam and extrapyramidal symptoms with biperiden.

**STORAGE/PRECAUTIONS:** Store in a cool, dry and dark place between 15-30 °C. Keep all medicines out of the children's reach.

**PRESENTATION:** PENTOXOL-M Tablets are available in packing containing 100 film coated tablets.

\*Scotmann Specs.

عمومی خوراک: ڈاکٹر کی ہدایت کے مطابق۔

احتیاط: دوا صرف مستند ڈاکٹر کے زیر ہدایت استعمال کریں۔ روشنی، نمی اور گرمی سے بچائیں۔ 15 سے 30 ڈگری سینٹی گریڈ کے درمیان محفوظ کریں۔ تمام ادویات بچوں کی پہنچ سے دور رکھیں۔

Complete medical information available only for doctors on request.



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Manufactured by: **SCOTMANN PHARMACEUTICALS**

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