

# AVOGAIN 2% & 5% Avalon Pharma

### **Description**

Avogain 2% & 5% solution is a topical solution for hair growth stimulation, and also is used to prevent hair loss and management of thinning hair.

## Composition

Avogain2% & 5% is poorly absorbed from normal intact skin. Only about 1.4% of the dose may be absorbed by the systemic circulation. The drug percutaneous absorption rate controls the level of serum minoxidil resulting from topical application. After cessation of minoxidil topical treatment, about 95% of the systematically absorbed minoxidil is eliminated through renal excretion within four days.

#### Indications

Avogain 2% & 5% solution formula provides the patient with a gentle and safe way for hair growth stimulation and treatment of hair loss and used in cases such as: alopecia androgenetica, alopecia areata.

#### **Contraindications**

Avogain is contraindicated in patients who are may have sensitivity to the drug or to any of its components. No data available on the safety and efficacy in the patients below 18 years or above 65 years.

#### Side effects

The most frequently encountered adverse effects are dermatitis of the scalp. The most common reactions include irritation, flushing, dermatitis, dry skin and burning sensations.

Rarely reported adverse effects include allergic reactions, dizziness, tingling sensation, light headedness, weakness, neuritis, oedema, eye irritation, altered taste, blood pressure changes ear infection and visual disturbances.

#### Warning and precautions

For topical use only. Keep out of reach of children. Use according to instructions. Wash hands thoroughly after use. Avogain 2% & 5% may cause burning and irritation of the eye. In case of accidental

contact of the eye or abraded skin or mucous membrane the area should be washed thoroughly with copious amounts of cool tap water.

## Pregnancy and lactation

Used under medical supervision for pregnant women and new mother.

## Overdosage

No over doses cases have been reported for avogain 2% or 5% as it is intended for external use only. In case of accidental ingestion, it may has effect on cardiovascular system such as tachycardia which can be controlled by administration of intravenous normal saline and finally fluid retention which can be controlled with diuretic medications.

#### Storage

Avogain2% & 5% solution should be stored below 30. Do not freeze. Keep tightly closed. Protect from light.

#### Direction of use

Dry both scalp and hair before avogain 2% & 5% application. Apply a dose of one ml (spray 8 times of avogain 2% & 5%)to the area spread the solution with massage using fingertips, leave to dry and do not use hair dryer as it may decrease the efficacy of avogain. Continuous twice daily use is required for at least 4 month for best distinguished results

## **Packaging**

Avogain 2% solution is available in 50 ml PE plastic bottle.

Avogain 5% solution is available in 50 ml PE plastic bottle