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# Instructions for Phentolamine Mesylate Capsules

Please read the instructions carefully and use it under the guidance of a physician.

## 【Drug Name】

Generic Name: Phentolamine Mesylate Capsules

Trade Name: Pudingyang

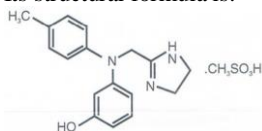
English Name: Phentolamine Mesylate Capsules

Chinese pinyin: Jiahuangsuan Fentuolaming jiaonang

## 【Composition】

The main component of this product is phentolamine mesylate. Its chemical name is: 3 - [(4,5-dihydro-1H-imidazol-2-yl) methyl] (4-methylphenyl) amino] phenol methanesulfonate.

Its structural formula is:



Molecular formula:  $C_{17}H_{19}N_3O \cdot CH_4O_3S$

Molecular weight: 377.46

## 【Description】

This product is hard capsule and the content is white powder.

## 【Indications】

Indicated for the treatment of male erectile dysfunction.

## 【Specifications】

40 mg

## 【DOSAGE AND ADMINISTRATION】

Take it orally 30 minutes before sexuality, one pill (40 mg) each time, and take it no more than once a day.

## 【Adverse Reactions】

Patients may have headache, dizziness, palpitations, nasal congestion, facial flushing, gastrointestinal reactions, etc., and very few patients may have upright hypotension and arrhythmia.

## 【Contraindications】

Patients with hypotension, severe arteriosclerosis, cardiac organic damage, renal insufficiency, gastric and duodenal ulcer and those who are allergic to this product should not use it.

## 【Precautions】

1. Should be used with caution in patients with gastritis and coronary artery insufficiency;
2. Avoid compatibility with iron;
3. Avoid taking it with antihypertensive drugs;
4. Do not drive a car, ship or operate a dangerous machine during medication;
5. Please keep out of reach of children.

## 【Use for Pregnant and Lactating Women】

Unknown.

## 【Pediatric Use】

Unknown.

## 【Geriatric Use】

The use of this product in the elderly may induce hypothermia.

## 【Drug Interactions】

1. When combined with sympathomimetics, the peripheral vasoconstriction of sympathomimetics is counteracted or weakened.
2. When combined with guanethidine, the incidence of orthostatic hypotension or bradycardia is increased.
3. When used in combination with diazoxide, the effect of

diazoxide inhibiting insulin release is inhibited.

4. When combined with cardiac glycoside, it can enhance the toxicity of glycoside.

5. It is forbidden to combination with nitroglycerin drugs.

## 【Overdosage】

When serious hypotension occurs due to overdose, norepinephrine can be infused intravenously, but epinephrine should not be used to avoid further decrease of blood pressure.

## 【Pharmacology and Toxicology】

This product is an  $\alpha$  adrenergic receptor blocker that can act on both the  $\alpha_1$  and  $\alpha_2$  receptors to dilate blood vessels and reduce peripheral vascular resistance. The action mechanism of this product in treating male erectile dysfunction may be to increase the blood flow of the cavernous body by expanding the blood vessels of the penile artery, then improve the erectile function of the penis to increase the hardness of the penis and prolong the erectile duration.

## 【Pharmacokinetics】

According to literatures: the product has the maximum effect after oral administration for 30 minutes with 40 mg, and lasting 3-6 hours. The half-life of intravenous injection is about 19 minutes. The drug is rapidly metabolized in vivo, and most of them are excreted from urine with no active metabolites, which their prototypes account for about 13%.

## 【Storage】

Keep away from sunlight, and sealed.

## 【Package】

- Aluminum plastic packaging, 1 capsule per box.
- Aluminum plastic packaging, 2 capsules per box.
- Aluminum plastic packaging, 3 capsules per box.
- Aluminum plastic packaging, 4 capsules per box.
- Aluminum plastic packaging, 6 capsules per box.
- Aluminum plastic packaging, 8 capsules per box.

## 【Expiry Date】

24 months.

## 【Executive Standard】

The first supplement to Chinese Pharmacopoeia, 2015 edition.

## 【Approval Number】

G.Y.Z.ZI H20031034

## 【Manufacturer】

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