Revised: June 2009 (5th version)

Standard Commodity Classification No. of Japan
875200

■6■

- Kampo-preparation-

TSUMURA Jumihaidokuto Extract Granules for Ethical Use

Storage
Store in light-resistant, air-tight containers.

Expiration date
Use before the expiration date indicated on the container and the outer package.

Approval No.	(61AM)1151
Date of listing in the NHI reimbursement price	October 1986
Date of initial marketing in Japan	October 1986

DESCRIPTION

Composition	7.5 g of TSUMURA Jumihaidokuto extract granules (hereafter TJ-6) contains 3.5 g of a dried extract of the following mixed crude drugs. JP Platycodon Root ..... 3.0 g JP Bupleurum Root ..... 3.0 g JP Cnidium Rhizome ..... 3.0 g JP Poria Sclerotium ..... 3.0 g JP Quercus Bark ..... 3.0 g JP Aralia Rhizome ..... 1.5 g JP Saposhnikovia Root ..... 1.5 g JP Glycyrrhiza ..... 1.0 g JP Schizonepeta Spike ..... 1.0 g JP Ginger ..... 1.0 g (JP: The Japanese Pharmacopoeia)	
	Inactive ingredients	JP Magnesium Stearate JP Lactose Hydrate
Description	Dosage form	Granules
	Color	Light grayish-brown
	Smell	Characteristic smell
	Taste	Astringent
	ID code	TSUMURA/6

INDICATIONS

Symptoms in the early stage of suppurative dermatosis or acute dermatosis, urticaria, acute eczema, and tinea pedis

DOSAGE AND ADMINISTRATION

The usual adult dose is 7.5 g/day orally in 2 or 3 divided doses before or between meals. The dosage may be adjusted according to the patient's age and body weight, and symptoms.

PRECAUTIONS

1. Careful administration (TJ-6 should be administered with care in the following patients.)

(1) Patients with greatly declined constitution [The skin manifestation may be aggravated.]

(2) Patients with an extremely weak gastrointestinal tract [Anorexia, epigastric distress, nausea, diarrhea, etc. may occur.]

(3) Patients with anorexia, nausea or vomiting [These symptoms may be aggravated.]

2. Important Precautions

(1) When TJ-6 is used, the patient's "SHO" (constitution/symptoms) should be taken into account. The patient's progress should be carefully monitored, and if no improvement in symptoms/findings is observed, continuous treatment should be avoided.

(2) Since TJ-6 contains Glycyrrhiza, careful attention should be paid to the serum potassium level, blood pressure, etc., and if any abnormality is observed, administration should be discontinued.

(3) When TJ-6 is coadministered with other Kampo-preparations (Japanese traditional herbal medicines), etc., attention should be paid to the duplication of the contained crude drugs.

SHO: The term "SHO" refers to a particular pathological status of a patient evaluated by the Kampo diagnosis, and is patterned according to the patient's constitution, symptoms, etc. Kampo-preparations (Japanese traditional herbal medicines) should be used after confirmation that it is suitable for the identified "SHO" of the patient.

3. Drug Interactions

Precautions for coadministration (TJ-6 should be administered with care when coadministered with the following drugs.)

Drugs	Signs, Symptoms, and Treatment	Mechanism and Risk Factors
(1) Preparations containing Glycyrrhiza (2) Preparations containing glycyrrhizinic acid or glycyrrhizinates	Pseudoaldosteronism is likely to occur. Besides, myopathy is likely to occur as a result of hypokalemia. (Refer to the section "Clinically significant adverse reactions".)	Since glycyrrhizinic acid has an accelerating action on the potassium excretion at the renal tubules, an acceleration of decrease in the serum potassium level has been suggested.

4. Adverse Reactions

TJ-6 has not been investigated (drug use investigations, etc.) to determine the incidence of adverse reactions. Therefore, the incidence of adverse reactions is not known.

(1) Clinically significant adverse reactions

1) **Pseudoaldosteronism**: Pseudoaldosteronism such as hypokalemia, increased blood pressure, retention of sodium/body fluid, edema, increased body weight, etc. may occur. The patient should be carefully monitored (measurement of serum potassium level, etc.), and if any abnormality is observed, administration should be discontinued and appropriate measures such as administration of potassium preparations should be taken.

2) **Myopathy**: Myopathy may occur as a result of hypokalemia. The patient should be carefully monitored, and if any abnormality such as weakness, convulsion/paralysis of limbs, etc. are observed, administration should be discontinued and appropriate measures such as administration of potassium preparations should be taken.

(2) Other adverse reactions

	Incidence unknown
Hypersensitivity Note 1)	Rash, Redness, Pruritus, Urticaria, etc.
Gastrointestinal	Anorexia, Epigastric distress, Nausea, Diarrhea, etc.

Note 1) If such symptoms are observed, administration should be discontinued.

5. Use in the Elderly

Because elderly patients often have reduced physiological function, careful supervision and measures such as reducing the dose are recommended.

6. Use during Pregnancy, Delivery or Lactation

The safety of TJ-6 in pregnant women has not been established. Therefore, the product should be used in pregnant women, women who may possibly be pregnant only if the expected therapeutic benefits outweigh the possible risks associated with treatment.

7. Pediatric Use

The safety of TJ-6 in children has not been established. [Insufficient clinical data]

PHARMACOLOGY

1. Anti-allergic actions

Orally pre-administrated Jumihaidokuto inhibited passive cutaneous anaphylaxis (PCA) in mice[1].

2. Action mechanism

Jumihaidokuto shows pharmacological effects via the following actions:

(1) Activation of neutrophils

Jumihaidokuto promoted neutrophil chemotaxis and phagocytosis in human-derived neutrophils (*in vitro*)[2]. It increased the intracellular Ca^{2+} concentration in the absence or presence of fMLP (*in vitro*) [2)3)].

(2) Actions on active oxygen

Jumihaidokuto inhibited the production of reactive oxygen species (O_2^-, H_2O_2, OH・) in human-derived neutrophil and cell-free xanthine-xanthine oxidase systems (*in vitro*) [3].

PACKAGING

Bottles of 500 g and boxes of 5 kg (500 g × 10 bottles)
2.5 g × 42 packets
2.5 g × 189 packets

REFERENCES

1) Maruyama, H. et al. Basic Pharmacology and Therapeutics. 1995, 23(9), p.2257.
2) Akamatsu, H. et al. J. Traditional Med. 1994, 11(4), p.452.
3) Akamatsu, H. et al. Status of traditional Japanese traditional herbal medicine treatment in the dermatological field 5. PharMa International Inc, 1994, p.35.

REQUEST FOR LITERATURE SHOULD BE MADE TO:
Consumer Information Services Center
Tsumura & Co.
2-17-11 Akasaka, Minato-ku, Tokyo 107-8521, Japan
TEL:0120-329970 FAX:03-5574-6610

Manufactured and Distributed by:
Tsumura & Co.
2-17-11 Akasaka, Minato-ku, Tokyo 107-8521, Japan