

Isoniazid

【OINAH】 Isoniazide 100mg/Tab

ATC Code : J04AC01

中文名：異菸鹼鹽胍錠 «強生»

【O8047】 Isoniazid Tablets 300 mg "S.L."

ATC Code : J04AC01

中文名：異菸鹼鹽胍錠 300 毫克 «信隆藥品»

適應症：肺結核、其他結核症。

藥理分類：Antitubercular Agent.

作用機轉：Isoniazid inhibits the synthesis of mycolic acids, an essential component of the bacterial cell wall. At therapeutic levels isoniazid is bactericidal against actively growing intracellular and extracellular *Mycobacterium tuberculosis* organisms.

用法用量：Administration: orally, taken one hour before or 2 hours after meals.

Indication and dosage regimens:

Treatment of latent TB infections:

— Adults:

9H: 5 mg/kg/day, Max dose: 300 mg/day, for 9 months (270 days).

3HP: (≥ 12 years old) 15 mg/kg/week, Max dose: 900 mg/dose, for 3 months (12 doses).

— Infants & Children:

9H: 10 mg/kg/day, Max dose: 300 mg/day, for 9 months.

3HP: (2~11 years old) 25 mg/kg/week, Max dose: 900 mg/dose, for 3 months (12 doses).

*9H: 9 months Isoniazid (daily)

*3HP: 3 months Isoniazid + Rifampine (once weekly)

Treatment of TB:

— Adults: 5 (4~6) mg/kg/day; Max dose: 300 mg/day.

— Infants & Children:

< 30 kg: 10 (7-15) mg/kg/day, Max dose: 300 mg/day.

≥ 30 kg: 4-6 mg/kg/day, Max dose: 300 mg/day.

不良反應：週邊神經病變(手腳刺痛、麻感)、灼熱感。腹痛、深色尿、食慾減退、嘔吐或黃疸，或視覺模糊、眼痛。

交互作用：Isoniazid is a weak CYP3A4 Inhibitors

- Acetaminophen, Carbamazepine, Rifampin: ↑ risk of hepatotoxicity.
- Corticosteroids (Systemic): ↓ the serum concentration of Isoniazid.
- Phenytoin: ↑ the serum concentration of Phenytoin.
- Levodopa: ↓ the therapeutic effect of Levodopa-Containing Products.
- Itraconazole: ↓ the serum concentration of Itraconazole.
- Domperidone: ↑ domperidone exposure and ↑ risk of QT prolongation.
- Amiodarone: ↑ amiodarone exposure.

注意事項：1. 空腹服用(飯前 1 小時或飯後 2 小時)。
2. 服用本劑期間應避免飲酒，以免發生肝炎。
3. 指導患者如有腹痛、深色尿、嘔吐、黃疸，或視覺模糊、眼痛，應儘速就醫。
4. 服藥期間避免食用乳酪（起司）、魚類，可能會引起頭痛、潮紅、心悸、發汗、頭昏、寒顫。

懷孕期：● 臨床評估需考量對孕婦的益處及對胎兒的潛在風險。
● Treatment is recommended when the probability of maternal disease is moderate to high. Drug-susceptible TB guidelines recommend isoniazid as part of the initial treatment regimen; close monitoring is recommended.

授乳期：● 治療期間仍可哺乳。

- Isoniazid is considered compatible with breastfeeding (*WHO 2002*). In the treatment of drug-susceptible TB, use of isoniazid is not a contraindication to breastfeeding in patients deemed noninfectious who are treated with first-line agents (ie, isoniazid).