TINIBACT

(Tinidazole)

ٹِنی بیکٹ

(ٹنیڈازول)

500 mg Tablets

۵۰۰ ملی گرام گولیاں

Each film coated tablet contains:
Tinidazole ..... 500 mg

CHEMICAL CLASSIFICATION:
Tinidazole is synthetic antiprotozal agent. It is 1-[2-(ethylsulfonyl) ethyl]-2-methyl 5-nitromidazole, a second generation 2 –methyl-5 nitromidazole.

PROPERTIES AND EFFECTS:
Tinidazole (TINIBACT) has been shown to have action against Protozoal and Anaerobic infections.

PHARMACOKINETICS:
Absorption: After oral administration tinidazole is rapidly and completely absorbed.
Distribution: Tinidazole is distributed in all tissues and body fluid and it also cross the blood brain barrier. The volume of distribution is approximately 50 liter and plasma protein binding of tinidazole is 12%.
Metabolism: Tinidazole is significantly metabolized by Liver before excretion. Tinidazole is partially metabolized by oxidation, hydroxylation and conjugation. Tinidazole is mainly metabolized by enzyme CYP3A4.
Exceretion: Plasma half life of tinidazole is 12 to 14 hour. Tinidazole is mainly excreted by liver and kidneys.
Renal function impairment: During haemodialysis clearance of tinidazole is significantly increased. The half life is reduced from 12 to 4.9 hours. Approximately 43 %of the amount present in the body is eliminated during a 6 hour haemodialysis session.
Hepatic function impairment: There are no data on tinidazole pharmacokinetic in patient with impaired hepatic function.

INDICATION:
- Acute ulcerative gingivitis
- Acute dental infection caused by anaerobe
- Periodontitis.
- Odontogenic abscesses.

DOSAGE AND ADMINISTRATION:
Anaerobic infections: Adult; initial dose of 2 g (4 tablets) and followed by 500mg (1 tab) twice daily: usual duration of treatment is 5- 7 days.
Prevention of postoperative anaerobic infections: Adult; 2 g (4 tab) approximately 12 hour before surgery.
Acute ulcerative gingivitis: Adult; A single dose of 2 g (4 tabs).
Dose in children
The usual dose is 50 to 60 mg/kg of body weight once daily for 5 days

CONTRAINDICATION:
Tinidazole is contraindicated in patient with hypersensitivity to tinidazole and any other derivative of nitroimidazole. Tinidazole is also contraindicated in first trimester of pregnancy.

UNDESIRABLE SIDE EFFECT:
Neurologic effect: Convulsive seizures and peripheral neuropathy.
Hepatic function impairment: Patient with sever hepatic function metabolize nitromidazole slowly.
Hematological: Neutropenia, leukopenia.
Pregnancy: Contraindicated in first trimester of pregnancy

LACTATION:
Tinidazole is excreted in breast milk in concentration similar to those seen in serum. Tinidazole is detected in breast milk for up to 72 hour following administration. Interruption of breastfeeding is recommended during tinidazole therapy and for 3 days following the last dose.

OVERDOSE:
There is no report of overdoses with tinidazole in humans.

TREATMENT OF OVERDOSAGE:
There is no specific antidote for treatment of over dosage with tinidazole. Gastric lavage may be helpful. Haemodialysis can be considered because approximately 43% of the amount present in the body is eliminated during a 6 hour haemodialysis session.

STORAGE:
To be dispensed on the prescription of a registered medical practitioner only.
Store below 30°C in a dry place, protect from light.
Keep out of the reach of children

PRESENTATION:
Tinibact 500mg tablets available in pack of 10's and 30's.

- **خوراک:** ڈاکٹر کی ہدایت کے مطابق استعمال کریں۔
- دوا کو ۳۰ ڈگری سینٹی گریڈ سے کم درجہ حرارت پر روشنی سے بچا کر خشک جگہ پر رکھیں۔
- صرف رجسٹرڈ ڈاکٹر کے نسخے پر ہی فروخت کریں۔
- بچوں کی پہنچ سے دور رکھیں۔

Manufactured by:
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