#### Information For the Use Doxycycline (100mg) + Lactobacillus (5Million spores)

# **Doxyclop LB Tablet**

Doxycycline (100mg) + Lactobacillus (5 Million Spores) Tablet

This combination medication is designed to treat bacterial infections and maintain a healthy balance of gut flora, minimizing the gastrointestinal side effects commonly associated with antibiotic use.

Composition

- Doxycycline: 100 mg
  - A tetracycline-class broadspectrum antibiotic.
- Lactobacillus: 5 Million Spores
  - A probiotic that supports gut health by replenishing beneficial bacteria.

## Indications

- 1. Bacterial Infections:
  - Respiratory tract infections (e.g., pneumonia, bronchitis).
  - Skin conditions, including severe acne.
  - Urinary tract infections (UTIs).
  - Sexually transmitted infections (e.g., chlamydia).
  - Rickettsial diseases (e.g., typhus).
- 2. Prevention of Antibiotic-Associated Side Effects:
  - Helps prevent diarrhea and bloating caused by disruption of gut flora during antibiotic therapy.
- 3. Other Uses:
  - Malaria prophylaxis in endemic areas.

 Management of certain periodontal (gum) infections.

#### **Dosage and Administration**

- Adults: 1 tablet once or twice daily, as directed by the doctor.
- Children (above 8 years): Dose based on body weight and medical advice.
- Take the tablet with a full glass of water.
- For Doxycycline, it is recommended to take it on an empty stomach (1 hour before or 2 hours after meals) unless it causes stomach discomfort.

## **How It Works**

- 1. Doxycycline:
  - Inhibits bacterial protein synthesis, halting bacterial growth and treating infections.
  - Effective against a wide range of gram-positive and gram-negative bacteria.
- 2. Lactobacillus:
  - Restores and maintains beneficial bacteria in the gut, counteracting antibiotic-associated imbalances.
  - Supports digestion and prevents diarrhea, bloating, and stomach discomfort.

### Precautions

• Not for use in children under 8 years: May cause permanent teeth discoloration.

- Avoid during pregnancy, especially in the second and third trimesters, due to potential harm to the fetus.
- Avoid excessive exposure to sunlight or UV light as Doxycycline increases sensitivity to the sun.
- Drink plenty of water to prevent esophageal irritation or ulcers.

**Possible Side Effects** 

**Common Side Effects:** 

- Nausea or vomiting
- Diarrhea
- Stomach pain or discomfort
- Increased sensitivity to sunlight

**Rare but Serious Side Effects:** 

- Allergic reactions (rash, itching, swelling, difficulty breathing)
- Fungal infections due to prolonged antibiotic use
- Esophageal irritation or ulcers

Seek immediate medical attention if you experience severe or unusual side effects.

**Drug Interactions** 

- Avoid with:
  - Antacids, calcium, or iron supplements (reduces Doxycycline absorption).
  - Retinoids (e.g., isotretinoin), which may increase intracranial pressure.
  - Blood thinners like warfarin (monitor closely if used together).
- Inform your doctor of all medications and supplements you are taking.

- Store in a cool, dry place, away from moisture and direct sunlight.
- Keep out of reach of children.

Important Note: Complete the prescribed course of therapy to ensure the infection is fully treated and to reduce the risk of antibiotic resistance. Consult your doctor if you experience side effects or if symptoms persist.

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