

\*\*Mupic平 is a topical antibiotic ointment containing mupirocin, used to treat bacterial skin infections such as impetigo and infected wounds. It is applied externally and works by inhibiting bacterial protein synthesis.\*\*

Here's a detailed breakdown of Mupic平:

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### ### 🧬 Chemical Composition

- \*\*Active Ingredient:\*\* \*Mupirocin\* (2% w/w)
- \*\*Formulation:\*\* Ointment (typically 10g tube)
- \*\*Manufacturer:\*\* Cipla Ltd.
- \*\*Storage:\*\* Store below 30°C; keep away from moisture and heat.

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### ### 💊 Dosage & Administration

- \*\*Route:\*\* Topical (external use only)
- \*\*Typical Usage:\*\* Apply a small amount to the affected area 2-3 times daily.
- \*\*Duration:\*\* Usually prescribed for 5-10 days depending on infection severity.
- \*\*Precautions:\*\* Avoid contact with eyes, nose, or mouth. Do not apply to large open wounds unless directed by a doctor.

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### ### 🌱 Medical Uses

- \*\*Primary Indications:\*\*
  - \*Impetigo\* (red sores caused by bacteria)
  - \*Infected cuts or wounds\*
  - \*Boils and folliculitis\*
- \*\*Mechanism:\*\* Mupirocin inhibits bacterial isoleucyl-tRNA synthetase, preventing protein synthesis and killing bacteria. It is effective against *\*Staphylococcus aureus\**, *\*Streptococcus pyogenes\**, and other gram-positive cocci.

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### ### 🔞 Side Effects

#### \*\*Common:\*\*

- Burning or stinging sensation
- Itching or redness at application site
- Dry skin

#### \*\*Rare but Serious:\*\*

- Allergic reactions (rash, swelling, difficulty breathing)
- Superinfection with resistant organisms
- Systemic absorption in case of prolonged use on large areas

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### ### 🚫 Risks & Contraindications

- **Contraindicated in:** Individuals allergic to mupirocin or any component of the ointment.
- **Pregnancy & Breastfeeding:** Generally considered safe, but consult a physician before use.
- **Resistance Risk:** Prolonged or inappropriate use may lead to bacterial resistance.
- **Not for Internal Use:** Should not be ingested or used inside the nose unless specifically formulated for intranasal use.

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### ### 🗃 Patient Feedback & Complaints

- **Positive Feedback:**
  - Quick relief from skin infections
  - Easy to apply and well tolerated
- **Common Complaints:**
  - Mild irritation or burning
  - Price concerns (some users find it expensive compared to alternatives)
  - Occasional recurrence of infection if not used as prescribed.

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### ### 📊 Summary Table

Category	Details
Drug Name	Mupicip
Active Ingredient	Mupirocin (2% w/w)
Use	Bacterial skin infections
Dosage	Apply 2-3 times daily externally
Common Side Effects	Burning, itching, redness
Serious Risks	Allergic reaction, resistance, superinfection
Patient Feedback	Effective, easy to use; mild irritation, cost concerns
Contraindications	Allergy to mupirocin, avoid internal use