

XYLOVIS[®]

Lidocaine HCL oral topical solution



How it works?

Its mode of action involves blocking sodium channels in nerve cell membranes. Sodium channels play a crucial role in the transmission of pain signals from peripheral nerves to the brain. By binding to and inhibiting these channels, lidocaine prevents the influx of sodium ions into the nerve cells, which is necessary for the generation and propagation of action potentials (electrical signals).



Uses:

- **Pain Relief:** Lidocaine oral topical solution is used to temporarily alleviate pain and discomfort related to oral conditions like mouth sores, sore gums, or a sore throat. It works by numbing the area where it is applied, providing temporary pain relief.
- **Dental Procedures:** Dentists may use lidocaine oral topical solution as a numbing agent before certain dental procedures, including deep cleanings, dental impressions, or minor oral surgeries. By applying the solution to the specific area, it helps minimize pain and discomfort during the procedure.
- **Endoscopy and Throat Procedures:** During endoscopic examinations or throat procedures, lidocaine oral topical solution can be used to numb the back of the throat. This helps reduce the gag reflex and makes the procedure more comfortable for the patient.
- **Swallowing Difficulties:** Individuals with swallowing difficulties or conditions causing throat spasms may be prescribed lidocaine oral topical solution. By numbing the throat, it can alleviate discomfort and facilitate easier swallowing.



How it works?

This inhibition of sodium channels effectively inhibits the generation and transmission of nerve impulses, preventing the nerves from sending pain signals to the brain and temporarily interrupting the sensation of pain in the affected area. Lidocaine's action is typically localized to the area where it is applied or injected, making it suitable for localized anesthesia and pain relief in specific regions of the body. It is important to consult with a healthcare professional for proper usage and to be aware of any potential side effects or interactions with medications.

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Directions for the use of lidocaine oral topical solution:

1. **Read the Instructions:** Carefully read the instructions provided with the lidocaine oral topical solution before using it. Pay attention to any specific directions or precautions mentioned.
2. **Shake the Solution:** If required, shake the bottle of lidocaine oral topical solution gently before use. This ensures proper mixing of the solution.
3. **Measure the Dose:** Use an appropriate measuring device, such as a calibrated oral syringe or a medicine cup, to accurately measure the prescribed dose of lidocaine oral topical solution. Do not use household spoons, as they may not provide accurate measurements.
4. **Swish or Gargle:** Take the measured dose of lidocaine oral topical solution and either swish it around your mouth or gargle with it, depending on the specific instructions given by your healthcare professional. Make sure to cover the affected area or areas as directed.
5. **Spit Out or Swallow:** After swishing or gargling with the solution for the recommended duration, either spit it out or swallow it, depending on the instructions provided. Some lidocaine oral topical solutions are meant to be spit out, while others may be swallowed. Follow the specific guidance given to you.
6. **Follow the Frequency:** Use lidocaine oral topical solution according to the prescribed frequency. It may be recommended for use every few hours or as needed, depending on the severity of the condition and the instructions from your healthcare professional.
7. **Avoid Eating or Drinking:** After using lidocaine oral topical solution, it is generally advised to avoid eating or drinking for a certain period of time as directed by your healthcare professional. This allows the medication to have sufficient time to take effect.

Always consult with your healthcare professional or dentist regarding the specific directions of use for the lidocaine oral topical solution you have been prescribed. They can provide personalized instructions and dosage recommendations based on your individual condition and needs.

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