

# Transdermal TENS Patch LIDOCAINE 4%





Reimbursement For Personal Injury (PIP), Workers' Compensation, MedPay & More



Combining the Benefits
Of TENS Therapy
With the Relief Of
Lidocaine & Magnesium



Transdermal Delivery
Hydrogel Adhesive
Breathable Fabric
Universal Connectors



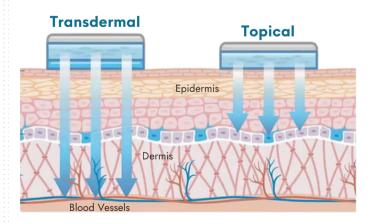


# Transdermal vs. Topical

While both Topical and Transdermal patch systems are applied directly to the skin, only Transdermal route applications are able to penetrate deep into tissues and exert their effects beyond the epidermis. Transdermal formulations are designed to deliver active and inactive ingredients through the dermal layer and into systemic circulation, targeting pain beyond the local application site. This unique, adhesive-matrix design allows for an extended time release dose of medication<sup>2</sup> – an important feature when treating pain.

## **Advantages**

- Deeper Penetrating than Topical Patches
- ♣ Controlled & Constant Dose Administration
- Improved Therapeutic Drug Bioavailability<sup>3</sup>
- Contains 35% Less Water Composition Than Topicals for Advanced Drug Absorption







#### **Medicated TENS Electrodes**

Combining the benefits of TENS therapy with the relief of Lidocaine + Magnesium



#### Transdermal Delivery System

Next-generation patch technology for superior medication route administration



## **Durable Hydrogel Adhesive**

Reusable patches (up to 2x) with a durable adhesive for optimal conductivity



#### **Extended Time Release**

Steady release of ingredients for a long, continuous dose of medication

## Lidotrode<sup>™</sup> is utilized for:

- Chiropractors
- Personal Injury
- Physical Therapists
- Acute Pain
- Orthopedists
- Chronic Pain
- Leppert W, Malec-Milewska M, Zajaczkowska R, Wordliczek J. Transdermal and Topical Drug Administration in the Treatment of Pain. Molecules. 2018;23(3):681. Published 2018 Mar 17. doi:10.3390/molecules23030681
- Gupta H, Babu RJ. Transdermal delivery: product and patent update. Recent Pat Drug Deliv Formul. 2013;7(3):184–205. doi:10.2174/187221130703131128121747
- Jeong WY, Kwon M, Choi HE, Kim KS. Recent advances in transdermal drug delivery systems: a review. Biomater Res. 2021;25(1):24. Published 2021 Jul 28. doi:10.1186/s40824-021-00226-6

