



TRANSDERMAL PATCHES



APTAMEDIN
LIFE SCIENCES



Transdermal Patches

(Diclofenac / Ketoprofen / Flurbiprofen)

Transdermal drug delivery is a self-discrete dosage forms, which applied on the intact skin deliver the drug at controlled rate to the systemic circulation.

Transdermal Drug Delivery System market is growing at a CAGR of 5.5% in Asia-Pacific, followed by North America and Europe, with 4.3 % and 4.2% CAGR, respectively. High prevalence of chronic diseases across the globe is the key factor in accelerating market growth during the forecast period across all regions, global Pain Management segment, USA, Canada, Japan, China and Europe will drive the growth post Covid-19, Home care settings segment is expected to grow at the fastest rate during the forecast period , attributed to the increase in self-administration of medication at home, rapid growth in the geriatric population across the globe, and the growing need for cost-effective drug administration. Beneficial features like non-invasiveness, lower pain sensations in patients, complete administration of a dose, and ease of treatment termination are also driving this market.

Applications:

- ☒ Tennis Elbow
- ☒ Deformans Arthritis
- ☒ Scapula Inflammation
- ☒ Tendon Tenovaginitis
- ☒ Peri-tendinitis
- ☒ Swelling, Pain after Trauma
- ☒ Myalgia

Advantages

- ☒ Reduction of systemic side effects
- ☒ Patient compliance
- ☒ Easy to terminate dosing if adverse reaction occurs
- ☒ Bypass hepatic first pass metabolism
- ☒ Control release of drug
- ☒ Localized / higher site specific delivery
- ☒ No gastric discomfort side effects
- ☒ No interaction with other drug in multi drug therapies
- ☒ Painless application



Diclofenac Patch

Features

Available in 2 strengths 50 cm² & 70 cm² Patch	Diclofenac IP 100mg & 200mg
Packing	Single aluminum pouch containing 3 patches (Customization is possible as per customer requirements)
Shelf Life	36 months
Duration of action	24 hours
Regulatory status	WHO-COPP



Ketoprofen Patch

Features

Available in 1 strength 70 cm² Patch	Ketoprofen IP 30mg
Packing	Single aluminum pouch containing 7 patches (Customization is possible as per customer requirements)
Shelf Life	36 months
Duration of action	24 hours
Regulatory status	WHO-COPP



Flurbiprofen Patch

Features

Available in 1 strength 70 cm² Patch	Flurbiprofen USP 20mg
Packing	Single aluminum pouch containing 7 patches (Customization is possible as per customer requirements)
Shelf Life	36 months
Duration of action	24 hours
Regulatory status	WHO-COPP



Tulobuterol Patch

Application:

Treatment of patients with Asthma and COPD without co-morbidity.

Available in 3 strengths	0.5mg-2.5 cm ² - JP
	1 mg- 5.0 cm ² -JP
	2mg-10 cm ² -JP.
Packing	Peelable pouch- 1 Patch/Pouch
Shelf Life	36 months
Duration of action	24 hours
Regulatory status	WHO-COPP



Rivastigmine Patch

Application:

Treatment of Dementia Associated with mild, moderate or severe Alzheimer's disease

Available in 3 strengths	5mg / 24 hr
	10mg / 24hr
	15mg / 24hr
Packing	Peelable pouch- 1 Patch/Pouch
Shelf Life	36 months
Duration of action	24 hours
Regulatory status	WHO-COPP



Nicotine Patch for Export Only

Application:

Aid to quick Smoking / Nicotine replacement therapy

Available in 3 strengths	7mg / 24hr
	14mg / 24hr
	21mg / 24hr
Packing	Peelable pouch- 1 Patch/Pouch
Shelf Life	36 months
Duration of action	24 hours



Lidocaine Transdermal Patch

Application:

Local Anesthetic to relieve nerve pain after shingles called post herpetic neuralgia

Each Patch Size : 14 cm X 10 cm

Features

Available in 1 strength 70 cm ² Patch	Lidocaine 4%
Packing	Single aluminum pouch containing 1 patch (Customization is possible as per customer requirements)
Shelf Life	36 months
Duration of action	12 hours
Regulatory status	WHO-COPP



Ayurvedic Patches

Feminine Pain Relief Patch

Application:

Muscular and menstrual cramps / pain

100 cm ² Patch	Shallakiguggul (Boswelliasarata) Peppermint satva (Menthapipretta) Tailaparni (Eucalyptus globulus)
Packaging	Single aluminum pouch containing 5 patches (Customization is possible as per customer requirements)
Shelf Life	24 months
Duration of action	12 hours
Regulatory	Approved in India (by AYUSH)



Ayurvedic Pain Relief Patch



Herbal Pain Relief Patch

Application:

Chronic Back Pain

Common neck pains due to cervical spondylosis, sprains or stiffness due to long sedentary hours

Muscular pains commonly experienced by people leading an active lifestyle or recovering from injuries.

Benefits:

100% Herbal – No side-effects

Sustained medicine release for 12 hours

Non-messy, non-greasy

50 cm² & 70 cm² Patch	Shallakiguggul (Boswelliasaratra), Gandhapura Patra Taila (Gaultheriafragrantissima), Peppermint Satva (Menthapipretta), Karpura (Cinnamumcamphora) Thailaparni (Eucalyptus globulus), Katuveera (Capsicum annum)
Packaging	Single aluminum pouch containing 3 patches (Customization is possible as per customer requirements)
Shelf Life	24 months
Duration of action	12 hours
Regulatory	Approved in India (by AYUSH)



Buprenorphine Patch

Application:

It is used in severe pain Eg. Chronic Back Pain and also De-Addiction and also Opioid Medication



Features

Available in strength	5mg / 10 mg / 20mg
Packing	Single aluminum pouch containing 1 patches (Customization is possible as per customer requirements)
Shelf Life	36 months
Duration of action	7 Days
Regulatory status	Commercially Available



Scopolamine Patch For Export Only

Application: Motion sickness

Available in strengths	1 mg / 3 Days
Packing	Peelable pouch- 1 Patch/Pouch
Shelf Life	36 months
Duration of action	72 hours



Lidocaine Transdermal Patch -USFDA Plant

Application:

Local Anesthetic to relieve nerve pain after shingles called post herpetic neuralgia

Each Patch Size : 14 cm X 10 cm

Features

Available in 1 strength 70 cm² Patch	Lidocaine 4%
Packing	Single aluminum pouch containing 1 patch (Customization is possible as per customer requirements)
Shelf Life	36 months
Duration of action	12 hours
Regulatory status	Plant approved-USFDA

Lidocaine patch is comprised of an adhesive material containing Lidocaine 4%, which is applied to a non-woven polyester backing and covered with a polyethylene terephthalate (PET) film release liner. The release liner is removed prior to application to the skin.

Lidocaine is chemically designated as acetamide, 2-(diethylamino)-N-(2,6- dimethylphenyl), has an octanol: water partition ratio of 43 at pH 7.4, and has the following structure:

Each adhesive patch contains Lidocaine in an aqueous base. It also contains the following inactive ingredients: Alpa Tocopherol, Aluminium hydroxide, Aluminium Silicate, Butylated Rubber, Isoprene Rubber, Mineral oil, Polyisobutylene, rosin, Silicon Di oxide, Styrene/Isoprene/Styrene block, titanium dioxide.

Pharmacology

Lidocaine is an amide-type local anaesthetic agent and is suggested to stabilize neuronal membranes by inhibiting the ionic fluxes required for the initiation and conduction of impulses. The penetration of lidocaine into intact skin after application of Lidocaine patch is sufficient to produce an analgesic effect, but less than the amount necessary to produce a complete sensory block.

Lidocaine Transdermal Patch Continued

Description :

Water Base gel adhesive containing 4% Lidocaine coated on flexible fabric stretchable in all directions individually packed.

Application :

Acts by desensitizing aggravated nerves relieve pain temporarily in back, neck or joints.
Apply for 8 hours.

Features :

- Gel base technology for quick action
- Easy to apply
- Easy and painless removal



Accreditations



————— Contact for more information —————



APTAMEDIN
LIFE SCIENCES

APTAMEDIN LIFESCIENCES PRIVATE LIMITED

#397, 8th Cross, Kalayananagar 3rd Main Road, Nagarabhavi 1st Stage, Bangalore- 560072

Email: bd@aptamedinlifesciences.com