# DICLOFENAC SODIUM- diclofenac sodium solution A-S Medication Solutions

# HIGHLIGHTS OF PRESCRIBING INFORMATION Three highlights do not include all the information needed to use Diclofenac Sodium Topical Solution safely and effectively. See full prescribing information for Diclofenac Sodium Topical Solution.

WARNING: RISK OF SERIOUS CARDIOVASCULAR AND G	ASTROINTESTINAL Events
See full prescribing information for complete be Nonsteroidal anti-inflammatory drugs (NSAIDs) cause an increase thrombotic events, including myocardial infarction and stroke, wh	oved warning. d risk of serious cardiovascular
early in treatment and may increase with duration of use. (5.1) • Diclofenac sodium is contraindicated in the setting of coronary ar (4,5.1)	tery bypass graft (CABG) surgery.
<ul> <li>NSAIDs, cause an increased risk of serious gastrointestinal (GI) ad ulceration, and perforation of the stomach or intestines, which can any time during use and without surraing symptoms. Elderly paties of peptic ulcer disease and or GI bleeding are at greater risk for se</li> </ul>	be fatal. These events can occur at
RECENT MAJOR CHANGES	5/2016
Warnings and Precautions, Cardiovascular Thrombotic Events (5.1) Warnings and Precautions, Heart Failure and Edema (5.5)	5/2016 5/2016
INDICATIONS AND USAGE ····	
Dickofenac sodium topical solution is a nonsteroidal anti-inflammatory drug indic symptoms of osteoarthritis of the knee(s). (1)	
DOSAGE AND ADMINISTRATION     Use the lowest effective dosage for the shortest duration consistent with ind     The recommended dose is 40 drops on each painful knee, 4 times a day.(2)	ividual patient treatment goals.
<ul> <li>Apply diclofenac sodium topical solution to clean, dry skin. (2.1)</li> <li>Dispense diclofenac sodium topical solution 10 drops at a time either directly then onto the knee. Spread diclofenac sodium topical solution evenly around this procedure until 40 drops have been applied and the knee is completely or</li> </ul>	front, back and sides of the knee. Repeat
<ul> <li>Wash hands completely after administering the product.</li> <li>Wait until the area is completely dry before covering with clothing or applyin</li> </ul>	
topical medications, or other substances. • Until the treated knee(s) is completely dry, avoid skin-to-skin contact betwee (2.2)	n other people and the treated knee(s).
<ul> <li>Do not get diclofenac sodium topical solution in your eyes, nose or mouth (2)</li> </ul>	
DOSAGE FORMS AND STRENGTH Dickofenac Sodium Topical Solution, 1.5% w/w (3)	
CONTRAINDICATIONS Known hypersensikivity to diclofenae or any components of the drug produc History of asthma, unticaria, or allergic-type reactions after taking aspirin or o In the setting of CABC surgery (4)	L (4)
WARNINGS AND PRECAUTIONS	
<ul> <li><u>Hepatotoxicity</u>: Inform patients of warning signs and symptoms of hepatoto: persist or worsen or if clinical signs and symptoms of liver disease develop (</li> </ul>	sicity. Discontinue if abnormal liver tests 5.3)
<ul> <li><u>Hypertension</u>: Patients taking some antihypertensive medications may have when taking NSAIDs. Monitor blood pressure (5.4, 7).</li> <li><u>Heart Faihre and Edema</u>: Avoid use of dictofenac softium in patients with se</li> </ul>	
expected to outweigh risk of worsening heart failure (5.5) <u>Remail Toxicity</u> : Monitor renal function in patients with renal or hepatic impail hypovelemia. Avoid use of dicidence sodium in patients with advanced rena	rment, heart failure, dehydration, or
nypovoamia. Avoia uso oi accooriac soniam in paterits wiin arvanced rena outweigh risk of worsening renal function (5.6) • <u>Anaphylicite Reactions</u> : Seekemergency help if an anaphylactic reaction oc	
<ul> <li>Exacerbation of Asthma Related to Aspirin Sensitivity: Dich/tenac sodium is sensitive asthma. Monitor patients with preexisting asthma (without aspirin s Serious Skin Reaction): Discontinue dich/enac sodium at first appearance o</li> </ul>	contraindicated in patients with aspirin- ensitivity) (5.8)
hypersensitivity (5.9) Premature Closure of Fetal Ductus Arteriussa: Avoid use in pregnant wome <u>Hematologic Toxicity</u> : Monitor hemoglobin or bematorrit in patients with an <u>Exposure to fight</u> : Avoid exposure of treated knew(s) to natural or artificial s <u>Eve Conser</u> : Avoid exposure of dickbrnas codium with eyes and muccus, (5.1)	y signs or symptoms of anemia (5.11, 7) unlight. (5.14)
Oral Nonsteroidal Anti-inflammatory Drugs : Avoid concurrent use with oral	NSAIDs. (5.16)
ADVERSE REACTIONS Most common adverse reactions () with dickofrace sedium topical solution are a for report SUSPECTED ADVERSE REACTIONS, contact Lupin Pharmace at 1.480-FDA-1088 or <u>survidesprovime/netch</u> .	pplication site reactions. (6.1) ruticals Inc. at 1-800-399-2561 or FDA
DRUG INTERACTIONS Drugs that Interfere with Hemostasis (e.g. surfarin, asprin, SSRIs/SNRIs): concomitantly using diclofenac sodium with drugs that interfere with hemost	Monitor natients for bleeding who are
concomitantly using dicidenaic sodiam with drugs that interfere with hemosis and analgesic dosses of aspirin is not generally recommended (7) <ul> <li>ACE Inhibitors, Angiotensin Recenter Blockers (ARR) or Beta-Blockers : C</li> </ul>	
diminish the antihypertensive effect of these drugs. Monitor blood pressure ACE inhibitors and ARBs: Concomitant use with diclofenac sodium in elderlimpairment may result in deterioration of renal function. In such high risk par	(7) v volume depleted or those with renal
function (7)   Marries: NSAIDS can reduce natriaretic effect of furosemide and thiazide diaretic efficacy including antihypertensive effects (7)	
duretic efficacy including antihypertensive effects (7) • <u>Dipoxin</u> : Concomitant use with diclofenac sodium can increase serum conce Monitor serum digoxin levels (7)	ntration and prolong half-life of digoxin.

 SIS INSPECIFIC OPPLIATION
 Superscription of the second s Revised: 1/2019

 
 EILL PRESENTENCE INTORMATION: CONTENTS\*

 INVECTIONS AND USAGE

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 21 Stab 5.15 Eye Exposure 5.16 Oral Nonsteroidal Anti-Inflammatory Drugs 6 ADVERSE REACTIONS

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12.1 Mechanism Of Action
 12.3 Paramecohemics
 13.0 Actions/metrics
 13.0 Carcinogramsis, Managenesis, Impairment of Fertility
 13.4 Actinogramsis, Managenesis, Impairment of Varianti Toxicology andre Pharmacology
 14.1 Micro. 14.1 Control Science Action
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g information are not listed.

1 INDICATIONS AND USAGE

2 DOSAGE AND ADMINISTRATION

3 DOSAGE FORMS AND STRENGTHS

FULL PRESCRIBING INFORMATION

WARNING: RISK OF SERIOUS CARDIOVASCULAR AND GASTROINTESTINAL EVENTS

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Dicloferate sodium is indicated for the treatment of signs and symptoms of osteoarthritis of the knee(s) (1).

2 LOSAGE AND ADMINISTRATION
2 LOSAGE AND ADMINISTRATION
Use the lowest effective dosage for the aborest of activation consistent with individual patient treatment
goals (see WARMNA ADM PERCATIONS (5.2))
To the trel of the signs and symptoms of ostesarthritis of the kee(s), the recommended dose is 40
equips prices, at disease addresses and the signs and symptoms of a subset of the signs and symptoms
Apply disclorence softun implical solution to clean, dry slin.
To avoid spillage, depended clocines and usolution 10 dops at a time either directly one
for lease addresses and the signs and the signs and be lower address and disclorence softune
time is completely covered with solution.
To treat other there, if symptomic, repeat the procedure.
Application of dictories usodium pipel calculation in an amount exceeding or less than the recommended.
2 Septial Procedures

dose has not been studied and is therefore not recommended. 22 Special Presentations • Avoid showering hubbing for all least 30 minutes after the application of diclofence sodium topical solutions the treated lease. • Do not apply diclofence sodium topical solutions to the year and mesons methranes. • Do not apply solution topical solutions with eyes and mesons methranes. • Do not apply external bear and/or occlusive densitys to treated lease. • Avoid contract of diclofence sodium topical solutions with eyes and mesons methranes. • Do not apply external bear and/or occlusive densitys to treated lease. • Protect the treated large(s) from natural or artificial stratight. • Wait suit the treat area is by thefere ophysics suncercent, insect repellant, lotion, moissuitzer, constrait, or other inpical medications the same knee you have just treated with diclofence sodium topical solitons.

Unil the treated knee(s) is completely dry, avoid skin-to-skin contact between other people and the treated knee(s). • Do not use combination therapy with dicloferasc sodium topical solution and an oral NSAID unless the benefit outweights the risk and conduct periodic laboratory evaluations.

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# Diclofenac Sodium Topical Solution: 1.5% w/w

# 4 CONTRAINDICATIONS

Diciderees sodumi is contrainfucated in the following patterns: Knowe hypereneutrinity (e.g., anglehotic reactions and stretcions him reaction) to diciderence or any components of the drug product. Jee WARNINGS AND PRECAUTIONS (5:25.0). Servers, sometime fast, anglehotic reactions to NSAIDs. have been reported in aux patterns for WARNINGS AND PRECAUTIONS (5:7.5.0). In this setting of corrowy array hyperas gait(CABG) arguery (see WARNINGS AND In the setting of corrowy array hyperas gait(CABG) arguery (see WARNINGS AND In the setting of corona PRECAUTIONS (5.1)].

# 5 WARNINGS AND PRECAUTIONS

5 WARNINGS AND PRECAUTIONS 5.1 Cardiovarcalar Thromboic Tevens Cilicali ratia of varser COX 24 olecters and nonelective NSAIDs of up to three years duration how shown an increased risk of serious cardiovarcalar (CV) frombotice evens, including mocardial direction (M) and similar which can be full at least on available effast, it is under at that the rest of the series of the lighter absolute incidence of excess series (CV homothoric evens, dure to their increased baselite ratio and baseline from the series of the series

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hny occur. There is no consistent evidence that concurrent use of aspirin mitigates the increased risk of arrions CV theoretic events associated with NARD inc. The concurrent use of aspirin and NARD, such PRECURTIONS(5): The original evidence of the original evidence of the MARDMCAND PRECURTIONS(5): Concurrent evidence of the MARDMCAND evidence of the MARDMCAND States Pare Concurrent y theory Barger of the MARDMCAND evidence of the MARDMCAND evidence Too large, controlled clicitical risks of a CON-2 elective NARDM for the reasoned of pain in the first 10 to 14 days following: CABG surgery found an increased incidence of myocardial infraction and stately for CONTRUDATIONS (4).

# Post-MI Patients

Parad H Menima Concretations tables conclusion in the Databh National Registry have determined in a patience research for the second concretation of the second sec

Avoid the use of diclofena: codium in patients with a recent MI unless the benefits are expected to outweigh the risk of recurrent CV thrombotic events. If diclofenac sodium is used in patients with a recent MI, monitor patients for signs of cardiac ischemia.

Risk Factors for GI Bleeding, Ulceration, and Perforation

Rea I scients for GT Bleeding, Ukernika, and Performan Denim with a prior hours of paperi Locif entrana androf GT Bleeding who used NSAID: had a greater than Ub-fold increased risk for developing a GT Bleed compared to patients without these risk factors developing and the start of the start duration of NSAID therape; concoundant uses of oral controvenshe, appirin, anticoagulane, or selective servicinar regular hindiums (SSAID; starting, and a chaldron (b) and great and Additionally, patients with advanced liver disease and/or coagulopadly are at increased risk for GT Meeding.

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Use her hovers effective dauge for de skorres possibilitation.
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Avoid an en lapater al habjer risk values encella are appected to outsverigh the increased risk of before flas (SSA) and an encella are appected to outsverigh the increased risk of information.
I a series Glassen even is suspected, promptly intime valuation and rearanet, and discontinue disclorence collamont al series Glassen even in risk of an encella series.
I her her hydrogen even is called out.
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2.3 Hepatotxichy Inciliacia trials, of erall diclofence-containing products, meaningful elevations (i.e., more than 3 times the ULN) of AST (SGOT) vere observed in about 2% of approximately 5,700 patients at some time during diclofence treatment (ALT was not measured in all studies).

Almost all meaningful elevations in transaminases were detected before patients became symptomatic. Abnormal tests occurred during the first 2 months of therapy with dicloferac in 42 of the 51 patients in all trials who developed marked transaminase elevations.

In postmarkeing reports, cases of ding induced bepatitotics, there been reported in the first month, and in some cases, the first 3 months of herapy, beca can occur at any time damp resume with diclorence. Postmarkeing surveillance has propriet cases of sover bepatier reactions, including liver networks, jundere, fullmant bepatits with and without junder, and liver failure. Some of these the 3 months and the source of the source parameters of the source of the source of the source of the source the 5 months and the source of the source of these the 5 months and the source of the source of these the 5 months and the source of the s

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une, etc., a contense undim mobald he discontinued immediately. Inform pairs not here worting signs and segments of heparoscottery (e.g., nusses, failure, hebrary, durinks, pareina, janufice, rigg upper quadrate traderters, and The life: symptomy. If clinical signs and symptomy constraints with liver discass develop, or if systems multi-statistical evaluation evaluation of the evaluation of the system and the system of the site symptomy. If clinical signs constrained in the evaluation of the site system and the site systems of the site systems as a site of the constraints, rank etc., discontinue diclotence tooluum immediately, and perform a clinical evaluation to an advance of the systems of the site systems o

or me paners. To minimize the potential risk for an adverse liver-related event in patients treated with diclofenac sodium, use the lowest effective dose for the shortest duration possible. Exercise catation when prescribing diclofenes sodium with concentrated rougs that are known to be potentially hepatotoxic (e.g. acetaminophen, antibiotics, antiepileptics).

5.4 Hypertension NSADb, Including diclofence sodium, can lead to new omet of hypertension, or worsening of preventing hypertension (where of which may contribute to the increased incidence of CV verses. Patients along aguioreasin converting ensyme (ACB) infibitions, thiazide duretics, to loop duretics may have impaired response to these therapies whereating ISADD for Patie (OC BYERE/CDOSA). Monitors thood pressure (BP) closely during the initiation of NSAID reatment and throughout the course of therapy.

# 5.5 Heart Failure and Edema

5.51 Hear Fahrer and Edema The Goxba and realismon SNAD Trailists' Gollaboration mets-analysis of randomized controlled trails demonstrated an approximately two-fold increase in hospitulizations for heart failure in GOX-2 selective-terned patients and nonelective NSAD reset and patient compared to placebor in a Datash National Registry study of patients with heart failure, NSAD set compared to placebor and a Datash National Registry study of patients with heart failure, NSAD meter adjuster of and Datash National Registry study of patients with heart failure, NSAD meter distributes of disclosming relative study of the NSAD better of patients transd with NSADs. Use of disclosming relative study of the NSAD reset of patients placed with NSADs. Use of disclosming relative, AGE inhibitors, or angiteenin acceptor Hockers (AREIs) [*hee DBUG INTERACTODS (7)*]. Avoid the use of dictoferance sodium in patients with severe heart failure unless the beerfits are expected to enumerigh the trick of waversing theore failure. If dictoferance collamin is used in patients with server heart failure, adding of waversing based tabuter.

# 5.6 Renal Toxicity and Hyperkalemia

5.6 Real Tacking and Hyperkalamia Kand Tacking Lang-termulation of NSAIDs has resulted in real applicitly necrosis and other real highly. Lang-termulation and the observes in patients in submarrial grouping landing have a compensatory role in the maintener of real perfusion. In these patients, administration of an NSAID may cause a dou-dependent endecional possignability formational secondarity, increase a doubt with higher end lancing of the perfusion. Patients agreement with other administration and enderstand and the enderstand of the second second second second second second end lancing of the perfusion. Patients agreement with the second second second enderstand second second second second second second second second recovery to the perturbance second second second second second second on information is a multicle from controlled circle address reading the use of doclefores costing.

recovery to the pretrements take. In iteration is a negative present the state of the state of declarence sodium in patients with advanced rend disease. The read effects of discharence sodium may have the progression of read disease. The read effects of discharence sodium may have the progression of read disease. Concern the state of the state of the state of the motion read material district in a priority may be predict in grant the state of the progression of read discharence sodium (here) MATERACCINOS(7), Avoid for use of efficient for the risk of waverening read functions. The state of the state of the state discase, monitor patients for signs of waverening read functions.

Increases in serum potassium concentration, including hyperkalemia, have been reported with use of NSAIDs, even in some patients without renal impairment. In patients with normal renal function, these effects have been attributed to a hyporeniement-hypolaldostrenoism state.

5.7 Anaphylactic Reactions Diclofrom has been associated with anglylactic granulations inpatients with and without known hypersensitivity to addoctome and in graniters with applicin-sensitive asthma [see CONTRAINDICATIONS (4) and WARNINGS AND PRECAUTIONS (5.8)].

eek emergency help if an anaphylactic reaction occurs.

Seek energiesy hulp if an analylicatic traction occurs. 3.8 Exacerchairo of Athoma Rekited of Applie Sensibily Analopoptiation of patients with anthem may have again sensitive anthem which may include chore histonismics computed by anal polytic-server, potentially faind how horopapara, gainting angini and other NSAIDs. Because cross-reactivity bitween angini and other NSAIDs has been from a gain sensitivity for COVTRANDURATION (SGI). When and other the sensitivity with prevention of again sensitivity for COVTRANDURATIONS (SGI). When and chores and may and with prevention of again sensitivity for COVTRANDURATIONS (SGI). When and chores and may and with prevention of again sensitivity of COVTRANDURATIONS (SGI). When and chores and may and with prevention of again sensitivity of COVTRANDURATIONS (SGI). When and the signs symptom of adams.

symptom of anhma. 53 serieus sikuk Reactions NSADD, including dicloferenc, can cause serieus skin adverse reactions such as exfollative dermatitis, serious events may occur window sorting. Inform patienta alore the signs and symptoms of serious skin serieus, events may occur window sorting. Inform patienta alore the signs and symptoms of serieus skin serieus, events may occur window sorting. Inform patients alore the signs and symptoms of serieus skin serieus, events may occur window sorting and the serieus sorting serieus sorting alore and serieus serieus serieus serieus sorting alore serieus sorting alore serieus sorting skin reactions, to NSADDs (see CONTRAINDICATIONS (d)).

Do not apply diclofenac sodium topical solution to open skin wounds, infections, inflammations, or exfoliative dermutitis, as it may affect absorption and tolerability of the drug.

Exonance Germanns, as in any aires, taisonjauon and meradumy of use unig. **5.10 Premature Closure of Fetal Ductus Arteriosus** Diclofence my cause premature closure of the fetal ductus arteriosus. Avoid use of NSAIDs, including diclofence sodium, in pregnant women starting at 30 weeks of gestation (third trimester) [*see* USE M SPECIECT POPUL/ATIONS (21)].

.11 rematologic Taxichy Amenta hao occurred in NSAD-reared patients. This may be due to occult or gross blood loss, fluid retention, or an incorreletely described effective on ephropolesis. If a patient reared with diclofreac sodium have any signs or symptom of amenta, monitor hemoglobino thematorit. NSADDs, including disclorences sodium, may increase the risk of hemediage events. Go-marbid conditions such as cospilation disorders, concentration areo of variant (other anti-cospilante, argint) effective and the state of the state

INTERNALIANS (7), The effects of diclofenas sodiumon platelet function were studied in 10 healthy subjects administered 80 drops four times a day for 7 days. There was no significant change in platelet aggregation following one week of treatment size CLINACLA PHARMACOLOGY (124).

Sub-interconstruction for a second second

5.13 Laboratory Monitoring

5.15 Loopranty Noninormag Because serious Gl bleeding, hepatotoxicity, and renal injury can occur without warning symptoms or signs, consider monitoring patients on long-term NSAID treatment with a CBC and a chemistry profile periodically (see WARNINGS AND PRECAUTIONS (5.2, 5.3, 5.6)). 5.14 Sun Exposure

5.14 Sun Exposure Instruct patients a world exposure to natural or artificial surlight on treated knee(s) because studies in animals indicated topical diclofenac treatment resulted in an earlier onset of ultraviolet light-induced skin tumms: The potential effects of diclofenac sodium on skin response to ultraviolet damage in humms are not known.

Amminute in a measure. 3.15 SPE Exposure Avoid contact of diclofence sodium with eyes and mucosa. Advise patients that if eye contact occurs, immediately wash out the eye with water or saline and consult a physician if irritation persists for more than an hour.

nan an nois: 3.46 or al Nonservidal And-Inflammatory Drogs Concontent use of earl NSADB, with diclofence softum resulted in a higher rate of rectal hemorrhag more (request abroard) resulting of the beneglohia, Therefore, do not use combination therapy with diclofence softum and an oral NSADD urless the benefit outweight the risk and conduct periodic laboratory evaluations.

# 6 ADVERSE REACTIONS

CAUVENDE, RAAC 11095
Cardiovascular Thrombotic Events fore WARNINGS AND PRECAUTIONS (5.1)
Cardiovascular Thrombotic Events fore WARNINGS AND PRECAUTIONS (5.1)
Continuents, University of Cardiovascular Cardio

# 6.1 Clinical Trials Experience

6.1 Chical Trahs Experience
6.2 Chical Trahs Experience
Becauce chical trahs are conducted under widely varying conditions, adverse reaction rates observed inse chical trahs of a drug camoo be directly compared to rares in the chical trahs of a drug transmit of the trans observed inputs.
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Application Site Reactions

Applications for Renchmon In controller data, became common neuronet-vertained adverse events in patients receiving dicloformes softum topical adultation were applications into statin reactions. Applications interesting were developed and advectory of the software advectory of the software advectory of the software control of termines, and or proteins. The software advectory of the software advectory of the software software advectory of the software

Adverse Foreina Common in the NSAID Class Incommolie dirals, subjects restrated with diciolorises, sodium experienced some adverse events associated with the NSAID class more frequently than subjects using placeho (constipation, diarthon, discussion) and the sodium strategies and the sodium sequence of the sodium septical solution and end of cloritors, compared to and cloritorise aclone, results and in a higher rate of rectal hemorrhage (20% vs. less than 1%), and more frequent adversal correcting (20% vs. 7%), and an effective solution and the solution of the solutio

Table 1: Adverse Reactions occurring in ≥1% of patients treated with Diclofenac Sodium Topical Solution, 1.5% w/w in placebo and oral diclofenac-controlled trials.

Treatment Group:	Diclofenac Sodium Topical Solution, 1.5	% w/wTopical Placebo
	N=911	N=332
Adverse Reaction*	N (%)	N (%)
Dry Skin (Application Site)	292 (32)	17 (5)
Contact Dermatitis (Application Site)	83(9)	6 (2)
Dyspepsia	72 (8)	13(4)
Abdominal Pain	54 (6)	10 (3)
Flatulence	35(4)	1 (<1)
Pruritus (Application Site)	34 (4)	7 (2)
Diarrhea	33(4)	7 (2)
Nausea	33(4)	3(1)
Pharyngitis	40 (4)	13(4)
Constipation	29 (3)	1 (<1)
Edema	26 (3)	0
Rash (Non-Application Site)	25(3)	5(2)
Infection	25(3)	8 (2)
Ecchymosis	19 (2)	1 (<1)
Dry Skin (Non-Application Site)	19 (2)	1 (<1)
Contact Dermatitis, vesicles (Application Site)	18 (2)	0
Paresthesia (Non-Application Site)	14 (2)	3 (<1)
Accidental Injury	22(2)	7 (2)
Pruritus (Non-Application Site)	15(2)	2 (<1)
Sinusitis	10(1)	2 (<1)
Halitosis	11(1)	1 (<1)
Application City Department (and others sing any sifted		2 (c1)

Application Site Reaction (not otherwise specified) \* Preferred Term according to COSTART

6.2 Postmarketing Experience 5.2 rostinanceumg chyperene InnorU.S. governmetering surveillance, the following adverse reactions have been reported during post-approval use of diclofenac sodium. Recause these reactions are reported volumarily from a population of uncertain size, it is not always possible to reliably estimate their frequency or establish a causal relationship to drug exposure.

Body as a Whole

Abdominal pain, accidental injury, allergic reaction, asthenia, back pain, body odor, chest pain, edema, face edema, halitosis, headache, lack of drug effect, neck rigidity, pain Cardiovascular

# Palpitation, cardiovascular disorder

Digestive Diarrhea, dry mouth, dyspepsia, gastroenteritis, decreased appetite, mouth ulceration, nausea, rectal hemorrhage, ulcerative stomatitis

Metabolic and Nutritional

Creatinine increased

Creaning and endowed Marcalokadema Leg cramps, mydgia **Nerousi** Depression, dizziness, drowsiness, lethargy, paresthesia, paresthesia at application site

Depression utatalese, a toronalese, remaing, pare samesa, pare samesa a appare anno sue Reprintory Asthma, dyspene, la vyngisma, la vyngidis, blavyngidis Silon and Appendegen Adverse Reactions: Eczem, rach, prurina, skin discoloration, uraicati Oder Skin and Appendeger Adverse Reactions: Eczem, rach, prurina, skin discoloration, uraicati Special Sonzel

Abnormal vision, blurred vision, cataract, ear pain, eye disorder, eye pain, taste perversion

Drugs That Interfere with Hemostasis

7 DRUG INTERACTIONS See Table 2 for clinically significant drug interactions with diclofenac.

# Table 2: Clinically Significant Drug Interactions with Diclofenae

Clinical Impact • Diclofenae and anticoagulants such as warfarin have a synergistic effect on bleeding. The concomitant use of diclofenae and anticoagulants have an increased risk of serious bleeding compared to the use of either drug alone.
<ul> <li>Serotoria release by platelets plays an important role in hemostasis. Case-control and cohort epidemiological studies showed that concomiant use of drugs that interfere with serotorian release by platelets plays an important role in hemostasis.</li> </ul>
Intervention Monitor patients with concomitant use of diclofenac sodium with anticoagulants (e.g., warfarin), antiplatelet agents (e.g., aspirin), selective serotonin rouppinghrine reuptale inhibitors (SNRIs) for signs of bleeding [see WARNINGS AND PRECAUTIONS (5.11)]
Aspirin
Clinical Impact: Controlled clinical studies showed that the concomitant use of NSAIDs and analgesic doses of aspirin does not produce any greater therapeutic effect than the use of NSAIDs alone. In a clinical study, the concomitant use of an NSAID and aspirin was associated with a significantly increased incidence of GI adverse reactions as compared to use of NSAIDs and analgesic doses of aspirin does not produce any greater therapeutic effect than the use of NSAID salone. In a clinical study, the concomitant use of an NSAID and aspirin was associated with a significantly increased incidence of GI adverse reactions as compared to use of NSAID salone.
Intervention Concomitant use of diclofenac sodium and analgesic doses of aspirin is not generally recommended because of the increased risk of bleeding [see WARNINGS AND PRECAUTIONS (5.11)]. Diclofenac sodium is not a substitute for low dose aspirin for cardiovascular protection.
ACE inhibitors, Angiotensin Receptor Blockers, and Beta-Blockers
Clinical Impact: • NSAIDs may diminish the antihypertensive effect of angiotensin converting enzyme (ACE) inhibitors, angiotensin receptor blockers (ARBs), or beta-blockers (including propranolol).
<ul> <li>In patients who are elderly, volume-depleted (including those on diaretic therapy), or have renal impairment, co-administration of an NSAID with ACE inhibitors or ARBs may result in deterioration of renal function, including possible acute renal failure. These effects are usually reversible.</li> </ul>
Intervention:  Uuring concomitant use of diclofenac sodium and ACE-inhibitors, ARBs, or beta-blockers, monitor blood pressure to ensure that the desired blood pressure is obtained  Uuring concomitant use of diclofenac sodium and ACE-inhibitors, or ARBs, in patients who are elderly, volume
depleted, or have impaired renal function, monitor for signs of worsening renal function [see WARNINGS AND PRECAUTIONS(5.6)] • When these drugs are administered concomitantly, patients should be adequately hydrated. Assess renal function at the beginning of the concomitant treatment and periodically thereafter.
Diureiks
Clinical Impact: Clinical studies, as well as post-marketing observations, showed that NSAIDS reduced the natrievei effect of loop diuretics (e.g., furosemide) and thiazide diuretics in some patients. This effect has been attributed to the NSAID inhibition of renal prostaglandin synthesis.
Intervention: During conconstant use of diclofenac sodium with diuretics, observe patients for signs of worsening recal function, in addition to assuring diuretic efficacy including attilhypertensive effects [see WARNINGS AND PRECAUTIONS (5.6)].
Digoxin
Clinical Impact: The concomitant use of diclofenac with digoxin has been reported to increase the serum concentration and prolong the half-life digoxin.
Intervention: During concomitant use of diclofenac sodium and digoxin, monitor serum digoxin levels.
Lithium
Clinical Impact: NSAIDS have produced elevations in plasma lithium levels and reductions in renal lithium clearance. The mean minimum lithium concentration increased 15%, and the renal clearance decreased by approximately 20%. This effect has been attributed to NSAID inhibition of renal prostaglandin synthesis.
Intervention: During concomitant use of diclofenac sodium and lithium, monitor patients for signs of lithium toxicity.
Methotrexate
Clinical Impact; Concomitant use of NSAIDs and methortexate may increase the risk of methortexate toxicity (e.g., neutropenia, thrombocytopenia, tenal dysfunction).
Intervention: During concomitant use of diclofenac sodium and methotrexate, monitor patients for methotrexate toxicity.
Cyclosporine
Clinical Impact: Concomitant use of diclofenac sodium and cyclosportine may increase cyclosportine's nephrotoxicity.
Intervention: During concomitant use of diclofenae sodium and cyclosporine, monitor patients for signs or worsening renal function.
NSAIDs and Salicylates
Clinical Impact: Concomitant use of diclofenac with other NSAIDs or salicylates (e.g., diffurisal, salsabae) increases the risk of GI toxicity, with little or no increase in efficacy [see WARNINGS AND PRECAUTIONS (5.2)]. Concomitant use of or al NSAIDs with diclofenac sodium has been evaluated in one Phase 3 controlled trial and in combination with or al diclofenac, compared to or al diclofenac.

Penetread A contrast of the state of the observation of the observation of the state of the sta

SAIDs with short elimination half-lives (e.g., diclofenac, indomethacin) should be avoided for a period of two days before, the day of, and two days following administration pemetrexed.

the absence of data regarding potential interaction between pemetrexed and NSAIDs with longer half-lives (e.g., meloxicam, rabumetone), patients taking these NSAIDs should interrupt d ing for at least five days before, the day of, and two days following pemetrexed as

8 USE IN SPECIFIC POPULATIONS

8.1 Pregnancy Pregnancy Category C prior to 30 weeks gestation; Category D starting 30 weeks ges Risk Summary

# Rel Summery Locard MASIN: including dicloters codium, during the field insert of programs; inserted the field of the field data in articlass. Avoid see of MASIN: including dicloteras: codium logical colution, in program vomes targing all oversels of genetic direct informations. The second direct inserts and the second direct inserts and the second direct inserts and the second second direct inserts and the second direct insect

Clinical Considerations

# Labor or Delivery:

Labor a Diverse in the second second

# In rats, materially toxic doses of diclofenac were associated with dystocia, prolonged ge reduced fetal weights and growth, and reduced fetal survival.

8.2 Lactation Risk Summary

--ox-summtry Based on available data, diclofenac may be present in human milk. The developmental and health benefito the treastletening should be considered along with the mother's clinical need for CATAFLAM and any potential adverse effects on the breastfed infant from the CATAFLAM or from the underlying maternal condition.

# Data

Done woman treated orally with a diclofenac salt, 150 mg/day, had a milk diclofenac level of 100 mcg/L, equivalent to an infant dose of about 0.03 mg/sql/sqb, Diclofenac was not detectable in breast milk in 12 women using diclorence (after either 100 mg/sqb orally for 7 days or a single 50 mg intramascular dose administered in the immediate postpartum period).

# 8.3 Females and Males of Reproductive Potential

8.3 Females and Ma Infertility Females: Based on the mechan Franker: Band on one we have more a feet on a protogradient work and VSAIDS, hardward we do not Band on one was prevent registers of oracia official studies the bare associated with ever infertility in some worker. Politiker at and a studies have above that administration protogradient dynamic studies in the potential to do study protogradies and the other and the administration of the studies of the studies of the studies of the studies of the variable of the studies of the studies of the studies of the studies of the variable of the studies of the studies of the studies of the studies of the variable of the studies of the studies of the studies of the studies of the variable of the studies of the stu for

Al Pediatric Use Safety and effectiveness in pediatric patients have not been established. 8.5 Geriatric Use

n. outstirte: Use Ellevity justems, compared to younger patients, are a greater rick for NAID-associated serious cardiovascular, guarantenetindi, andure rent adverse reactions. If the anticipated benefit for the olderly patient non-tenight here some indications and the outstanding of the outstanding of the outstanding patient non-tenight here some indications and the outstanding of the outstanding of the outstanding patient non-tenight here and with diclotence conductions are exceeded in the set client of the outstanding of the 911 patient research of the outstanding of the set client of the set outstanding of the subject verse of sparse of guarantee outstanding (or standing set and outstanding). We are listed at states of the set outstanding of guarantee including (or stables). State oner, There was no difference in the includence of adverse events with long-term response to diclotence codum for this selerity population.

# 10 OVERDOSAGE

In OVERDANCE The OVERDANCE with the set of the observation observation of the observation obse

# 11 DESCRIPTION

Dicloferac Sodium Topical Solution, 1.5% w/w is a nonsteroidal anti-inflammatory drug, available as a clear, colorless to faintly pink orange solution for topical application. true, truemers to atomy pink using exonum on inputs an approximate Defortion: Solidari point Solidario contract. DS we will choose solitant, a horizonte cell at Defortion: Solidari point Solidario contract. DS we will choose a solitant, a horizonte estivation of the defortion of the solitant solitant and the solitant solitant solitant and the solitant solitant solitant water, particularly instantiation in methanics, table in a solitant so of solitant water, particular point solitant solitant



ts 16.05 mg of diclofenac ach 1 mL of sol

The inactive ingredients in diclofenac sodium topical solution include: alcohol, dimethyl sulfoxide (DMSO, 45.5% w/w), glycerin, propylene glycol and purified water.

# 12 CLINICAL PHARMACOLOGY

IZ LLENCAL PLANNA CLOUT IZ Mcchaim Of Actain Diclofence has analgersis, anti-inflammatry, and antipyretic properties. The serchainton of action of dicofence costum, like that of other NSADD, is not completely understand bai molves: inhibition of cryclosorygerane (CDX-1 and CDX-2) Diclofence: Ia particular bibliots of prostagationic speciatios in wiro. Dicofence: concentrations resched during therapy have produced in vivo effects. Prostagation sensitize afferent arrows and ponetiate the during therapy have produced in vivo effects. Prostagation sensitize afferent arrows and ponetiate the decision of handylina in inducing pain loanitation models, Prostagationia sensitize affects and the advection of the extension of prostagation synthesis is mode of action may be due to a decrease of prostagation in peripher al source.

12.3 Pharmacchientiss 12.3 Pharmacchientiss After topical administration to healthy human volunteers of single and midiple maximum doesn of diclofenese sodium topical solutions, of doeps (opproximately 12 rel.) to each knee (00 drops total does), the following diclofence pharmacohientic parameters were obtained; (see Table 2).

# Table 2: Single-Dose (80 drops) and Multiple Dose (80 drops four times daily for 7 days) Diclofenac Sodium Topical Solution, 1.5% w/w Pharmacokinetic Parameters

Pharmacokinetic Parameters	Diclofenac Sodium		
initial contact i in uniterity	Normal Adults [N=18] (Age: 18 to 55 years)	Normal Adults [N=19] (Age: 18 to 55 years)	
	Single Dose	Multiple Dose Four times daily for 7 days	
AUC04	177.5 ± 72.6 ng.h/mL	695.4 ± 348.9 ng.h/mL	
AUC <sub>0-inf</sub>	196.3 ± 68.5 ng.h/mL	745.2 ± 374.7 ng.h/mL	
Plasma C <sub>max</sub>	8.1 ± 5.9 ng/mL	19.4 ± 9.3 ng/mL	
Plasma T <sub>max</sub> (h)	$11.0 \pm 6.4$	4.0 ± 6.5	
Plasma t <sub>1/2</sub> (h)	36.7 ± 20.8	79.0 ± 38.1	
K <sub>e1</sub> (h <sup>-*</sup> )	$0.024 \pm 0.010$	$0.011 \pm 0.004$	
CL/F (L/h)	244.7 ± 84.7*		

Apparent instantion y cannot be a specific of the second s

Machadium: The deletime methodium have been identified in human plasma and urine. The metabolium include 4 hydroxy, a sharking, 2 hydroxy, 4 company, and a sharking a sharki

# ent urinary and biliary excretion of the

Dictoferac is eliminated through metabolism and subsequert ur glucuroride and the sulfate conjugates of the metabolites. Little or no free unchanged dicloferac is excreted in the urine. Specific Populations Pediatric:

The pharmacokinetics of diclofenac sodium topical solution has not been investigated in pediatric

# Race:

Pharmacokinetic differences due to race have not been studied. Drug Interaction Studies

Drag and Applications and Application

13 NONCLINICAL TOXICOLOGY

# 13.3 Carcinogenesis, Mutagenesis, Impairment of Fertility

Contragrams: Contingencies under in mice and ran abtrainverd dictoframe softum topical solutions as a dirary constituent for 2 years resulted in an significant increase in tumor incidence at doors up to 2 mg/kg/day conversioneding as operationally d. Social diractional and are arrayed to solutional based on the bioavailability and body suffice are comparison).

sowarananuty and Doop startace area compatitol). In a dermal carcinogenicity study conducted in albion enc, daily topical applications of diclofenac sodium for no years at concertrations up to 0.33% diclofenac sodium (a 43-foid lower diclofenac sodium concertration fhan present in diclofenac sodium topical solution) did not increase recolisam incidence.

In LINEARCE. In a photococarcinogenicity study conducted in hairless mice, topical application of diclofenac sodium at dosses up to 0.035% diclofenac sodium(a 4.3-fold lower diclofenac sodium concentration than present in diclofenac sodium topical solution) resulted in an earlier mediant inte of onset of tumors.

nu-correra: some topical solution) resulted in an earlier median time of oncet of tumors. **Monigonosi** Delofence uses not mangenice or classification of a battery of generaticity treats that included the bacterials in Chinese humaire ovarian cells in vitro, and in vito rat chromosomal advertation ander-in chinese humaire ovarian cells in vitro, and in vito rat chromosomal advertation assay of hose marrow cells.

Impai uent of Fertility

reprinting a compared of the second s

affect femilips, Shafes have not been conducted to determine the safety of DMSU on terminy. 10.4 Animal Toxicogy and/or Pharmacology Ocube Effect No above effect No above effect were observed main indirect ophilalmencopy after embigle-daily deemal applications to ratio for 25 weeks and impiging for 52 weeks of DMSO at whice the concentration to choice scale and the safety of the safety of the safety of the safety of the safety disclorence scale material values of embigant or calministration of DMSO to rabbin, dogs and pigs described principies of makes of embigant or calministration of DMSO to rabbin, dogs and pigs described principies of makes of embigant or calministration of DMSO to major is changes and weight on the other under the safety of makes of embigant or calministration of DMSO to major is changes and weight on the other under the safety of makes of embigant or calministration of DMSO to addity of an origination at ensurement with DMSO for the 1 B months.

# 14 CLINICAL STUDIES

14.1 Studies in Osteoarthritis of the Knee

14.1 Studies in Ortexarthritis of the Knee The use of dichlores softum pixel a solution for the reament of the signs and yuppions of onsearthritis of the knew vas evaluated innov double-billic correlled virials conkneed in the U.S. and an involving pixel messare with the dichlore softum pixel as obtained a double of diary four and the software and the software index of the software and the software and the pixel directly the software and the software index of the software and the statistical system of the software and the software and the software and pixel directly the software index of the software and the software index of statistical system (LSL). We are software and the software index of the statistical system (LSL) where the software index of the software index of the first system (LSL) where the software index of the software index of the software of (LSL). A software index of the software of (LSL). A software index of the software of (LSL). A software index of the software index of the software index of the software of (LSL). A software index of the software index of the software index of the software index of the software of (LSL). A software index of the so

# Table 3: Change in treatment outcomes after 12 weeks of treatment in one study of efficacy of Diclofenac Sodium Topical Solution, 1.5% w/w

	Mean ba	Study I seline score and mean change in efficac	y variables after 12 weeks o	f treatment
Efficacy Variable				
	Mean Baseline score	Diclofenac Sodium Topical Solution N=	=154 Topical placebo <sup>+</sup> N=155	Topical vehicle <sup>2</sup> N=161
WOMAC pain score (Likert 3.1, 0-	13	-6.0	-4.7	-4.7
20) WOMAC physical function (Likert 3.1, 0+68)	42	-15.7	-12.3	-12.1
POHA (0-4)	2.3	-1.0	-0.4	-0.6
placebo formulation included 2.39	6 DMSO			

# \*placebo formulation included 2.3% DMSO 2vehicle formulation included 45.5% DMSO

Table 4: Change in treatment outcomes after 12 weeks of treatment in one study of efficacy of Diclofenac Sodium Topical Solution, 1.5% w/w

Efficacy Variable	Study II Mean baseline score and mean change in efficacy variables after 12 weeks of treatmen			
	Mean Baseline score	Diclofenac Sodium Topical Solution N=164	Topical vehicle <sup>1</sup> N=162	
WOMAC pain score (Likert 3.1, 0- 20)	13	-5.9	-4.4	
WOMAC physical function (Likert 3.1, 0–68)	42	-15.3	-10.3	
PGA (0-4)	3.1	-13	-1.0	

16 HOW SUPPLIED/STORAGE AND HANDLING

Product: 50090-4019 NDC: 50090-4019-0 150 mL in a BOTTLE, DROPPER / 1 in a CARTON

17 PATIENT COUNSELING INFORMATION

care provider immediately (new MARINGS AND FRACLAD IDANS [5,1]); **Gartonisestial Bieldeng, Ukerarian, and Perforation** Advise patients to report symptoms of ulcerations and bleeding, including epiganzic pain, dyspepsia, melen, and hememessis to heir baddi care provider. In the setum of concomitant use of low-dose aspiriti for cardiac prophylasis, inform patients of the increased risk for and the signs and symptoms of of Liberding Jee WARINGS AND FRECUTIONS (5,2)].

Hepatotoxicity

Treparatoxic ny Inform patients of the warning signs and symptoms of hepatotoxicity (e.g., nausea, fatigue, lethargy, prurins, diarrhea, jaundice, right upper quadrant tenderness, and "Hu-like" symptomy. If these occur instruct patients to stop diclofrence, sodium topical solution and seek immediate medical therapy [see WARINGS AND PRECAUTIONS (5.3)].

Heart Failure and Edema

Advise patients to be alert for the symptoms of congestive heart failure including shortness of breath, unexplained weight gain, or edema and to contact their healthcare provider if such symptoms occur [see WARNINGS AND PRECAUTORS (5.5)].

WARGINGS AND PRECAULIONS [53]). Anaphysic freexions Inform patients of the signs of an anaphylactic reaction (e.g. difficulty breathing, swelling of the face or through instruct patients to seek immediate emergency help if these occur [see CONTRAINDICATIONS (4) and VARNINGS AND PRECAUTIONS [57]).

Serious Skin Reactions

Advise patients to stop diclofenac sodium topical solution immediately if they develop any type of generalized rash and contact their physicians as soon as possible. Female Fertility

Advise females of reproductive potential who desire pregnancy that NSAIDs, including diclofenac sodium topical solution, may be associated with a reversible delay in ovulation [see USE IN SPECIFIC POPULATIONS (8.3)]

Fetal Toxicity NSAIDs starting a

Fetal Toxicity Inform pregnate women to avoid use of diclofenac sodiumtopical solution and other NS/ 30 weeks gestation because of the risk of the premnture closing of the fetal ductus arteri WARNING AND PRECAUTIONS (5.10) and USE IN SPECIFIC POPULATIONS (8.1)]. Avoid Concomitant Use of NSAIDs

-----en-summettuse USE BIASUIDE lation patients the the concentration are of eliciforms coolium topical solution with other NSADX set salicylater (e.g., diffuncial, solution) is not recommoded due to the increased risks of gamtoniaentian bucking, and little or inscrease in efficiency (lew WARNIGS AND PRECAUTIONS C), and DRUG INTERACTIONS (7). Alter patients that NSADS may be present in "over the counter" medications for reament of cools, here, or internation.

Use of NSAIDS and Low-Dose Aspirin Inform patients noto use low-dose aspirin concomitantly with diclofenac sodium topical solution until they talk to their healthcare provider [see DRUG INTERACTIONS (7)].

mey unit on their neutricity provider (see LINUC LINIELON, LINIE)(7). EVE Exposure Instruct patients to avoid contact of dicloferon confuture to the solution with the eyes and macrosa. Advise patients that if eye contact coccurs, immediately wash out the eye with water or saline and consult a physiciant if instation pervisits for more than an hour.

Application Site Reactions Diclofence sodium topical solution can cause a localized skin reaction at the application site. Advise patients to contact their physicians as soon as possible if they develop any type of localized application site rash.

Special Application Instructions • Instruct patients not to apply dicloferac sodium topical solution to open skin wounds, infections, inflarmations, or exfoliative dermatitis, as it may affect absorption and reduce tolerability of the Inflammation, or exclusive demantis, so it may attent association and an anti-drug.

Instruct more to wait until the arrest reade with diciol ence solution spicial solutions is completely because the solution of the solution Instruct pairens to ministrate or avoid exposure of transfed keer(s) to marral or attificial solutions in the solution of th

Manufactured for

Lupin Pharmaceuticals, Inc

Baltimore, Maryland 21202 United States

Manufactured by: Lupin Limited Pithampur (M.P.) – 454 775 INDIA. June 10, 2016 Medication Guide for Nons ID#- 247197 rmm: 10, 2016 ID: 227197 Medication collect for Nonstervikal Anti-inflammatory Drug (USXIDs) What is the most important information 1 should know about medicines called Nons trevikal Anti-inflammany Drugs (NSAIDs)? NSAIDs can cause servisus side effects, including: Increased risk of a baser attack or wrates that can lead to death. This risk may happen early in treatment and may increase. • with increasing does of NSAIDs

# Do not take NSAIDs right before or after a heart surgery called a "coronary artery bypass graft (CABG)." You may have an increased risk of another heart attack, unless your healthcare provider tells you to. You may have an increased risk of another heart attack if you take NSAIDs after a recent heart attack.

ack. Increased risk of bleeding, ukers, and tears (perforation) of the esophagus (tube leading from the mouth to the stomach), stomach and intestines: a angime dring use • without warning symptom. • hut may cause death

In mm y case deal
 Ther ket getting an deter or bleeding increases with:
 Park history of summe's ulter, or summe's or installableeding with use of NSAIDs
 taking medicine call<sup>10</sup> vortexortende<sup>1</sup>, "anticagalane", "SSRh", or "SNRh"
 longer use of NSAIDs
 implicit and taking and the set of taking and the set of taking and taking and
 older age
 older age
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NSAIDs should only be used: • exactly as prescribed • at the lowest dose possible for your treatment • for the shortest time needed

# What are NSAIDs?

NSAIDs are used to treat pain and redness, swelling, and heat (inflammation) from medical conditions such as different types of arthritis, menstrual cramps, and other types of short-term pain.

# Who should not take NSAIDs?

Who should not take NSALDS: Do not take NSALDS: if you have had an asthma attack, hives, or other allergic reaction with aspirin or any other NSALDs. • right before or after heart bypass surgery.

right before or after hearthysons surgery.
 Before tables (NSAN), Kell your bachlicare provider about all of your medical conditions, including struct.
 Assee here or to these problem.
 Assee high and pressure
 Assee high and pressure of the high and pressure of thigh and pressure of the high and pressure of the h

are resonancening or pains measures.
 Tell your haddness consistent resolution of the medicines you take, including prescription or over-the consort medicines, vikamins or herbid supplements. NAIDs and some other medicines con-tables (in your herbidence provider first).
 The set start taking any new subscience without What are the possible side effects of RSMDs/ SMDb can cance settions side effects, including:

ld know about medicines called Nonsteroidal

NSADs can cause serious side effects, hachading: See "What is the assert important biorranism I a ha Ands fallmannatery Drugs (NSADb)?" new or vorses high blood pressure beart fallure i liver problems including liver fallure i kidary problems including kidary fallure i liver droster cells (aversia) i life-dimetaring allergi c roution I life-dimetaring allergi c roution O other side offices of NSADDs include: storneh p vorstilla, and distanses. ade: stomach pain, constipation, diarrhea, gas, heartburn, nausea,

Continue, and additional and a set of the following symptoms: • shortess of breath or trouble breathing • chest pain • chest pain • swelling of the face or throat • weakness: In one part or side of your body

Stop taking your NSAID and call your healthcare provider right away if you get any of the following symptoms:

# If you take too much of your NSAID, call your healthcare provider or get medical help right away. These are not all the possible side effects of NSAIDs. For more information, ask your healthcare provider or pharmacist about NSAIDs.

Call your doctor for medical advice about side effects. You may report side effects to FDA at 1-800-FDA-1088.

Boo FDA.1018.
You may also report side effects to Lapin Pharmaceuticals, line. at 1-000-299-2561 or visit our verbalie a <u>work-inputpharmaceutical.com</u>
Other information about NSADD
• Apprint is an NSAD bat it distors to ittercase the charce of a heart attack. Apprint can cause beeding in the basis, source, and intersives. Apprint can also cause itercas in the stounch and intersives.
• Same NSADD, are sold in lower dones without a greent/pitch of the causer j. Takk syour headingare provide there using or end end causer. SADD for one with Di Ddyn.

healthcare provider before using over-the-counter NSADDs from the 10 your General information about the solar and effective use of NSADDs Medicines are sometime procecimised in propose other than those listed in a Medication Guide. Do not used in the solar are sprearbind in propose other than those listed in a Medication Guide. Do not used in the solar are sprearbind in the sone paper than the solar give NSADDs to other people. The solar area of the solar area of the solar and the solar give NSADDs to an area of the solar area o

n Guide has been approved by the U.S. Food and Drug Administration.

professionals. This Medication Guide has be Manufactured for: Lupin Pharmaceuticals, Inc. Baltimore, Maryland 21202 United States

# Manufactured by

Lupin Limited

# Lapia Linded Pulmaper (LV) - 454 775 NDUA. Jure 10, 2016 Distriction for Use Discloses Solution Topical Solution, 1.5% w/w (cpt-KLOE-Ken-Aa) Discloses Solution Topical Solution, 1.5% w/w (cpt-KLOE-Ken-Aa) Read the Medication Guide that comes with diciofence sodium topical solution first. Be sure that your read, understand and follow these Immercians for Use Betrero you are diciofence sodium topical Solution and the Solution (Amode Topical Solution). Discloses Solution Discloses Solution Topical Solution Integration Discloses Solution Disclose Solution Discloses Solution Disclo

solution for the first time. Important: For we are shown only (mpicel). Do not get dichefenat: sodium tupical solution in your eyes, one or mount. Before you are dichema sodium tupical solution: • Apply dichefena: sodium tupical solution: analysis you healthcare provider tells you. Talk with • Only use dichefenation solutions and the transmission of the solution of the solution of the • Apply dichefenation solution to provide the transmission of the solution of the so

If you get diclofenac sodium topical solutionin your eyes, rinse your eyes right away with water or saline. Call your healthcare provider if your eyes are irritated for more than one hour.

same, can you nearne ar provine in you eyes at a instanction native num our tour. Steps for sing difference sodium topical solution: Step 1. Workh your hands with coop and water before applying diclofrence sodium topical solution. Step 2. Part 10 drops of diclofrence sodiumtopical solution **either** on your hand **or** directly on you have (core Figure A).

# Figure A or pre-

# Step 3. Spread diclofenac sodium topical solution evenly on the front, back and sides of your knee (see Figures B and C). Repeat steps 2 and 3, three times so that your knee is completely covered with a total of 14 diresp of diclofenac sodium topical solution.

Figure 8

J. 15

# Step 4. If your healthcare provider has prescribed diclofenac sodium topical solution for both knees repeat steps 2 and 3 for the other knee.

After you use diclofenac sodium topical solution:
 Wash your hands with soap and water right away after applying diclofenac sodium topical solution

Transition
 T

take a shower or a bath for at least 30 minutes after you put dicloferac sodium topical solution on your knee.
 use heating pads or cover the treated area with bandages where you have applied dicloferac sodium topical solution.

# <text><text><text><text><text><text><text><text><text><text><text>

Diclofenac Sodium



# DICLOFENAC SODIUM

	ICLOFENA		1			
15	clofenac sodium	solution				
F	Product Inform	nation				
,	roduct Type		HEMAN PRESCRIPTION DRUG	Item Code (!	Source) NDC:5009	0-4019(NDC:68100
5	doute of Adminis	ration	TOPICAL			
	ctive Ingredie					
л	ictive Ingredu		oe ty redient Name		Basis of Stren	sth Strengt
			retient Name 262970) (DELOFENAE - UNE)			SUM 16.05 mg in
Ŀ	nactive Ingree	lients				
			Ingredient Name			Strength
	LCOHOL (UNE 3					
	OMETHYL SULFC		17969010			
		DC6A3C0OX)				
G						
G P	ROPYLENE GL Y		21671/3)			
G P.			21671(2)			
G P.	ROPYLENE GL Y		(באדשני)			
G P.	ROPYLENE GLY		(באל 265)			
G P.	ROPYLENE GL Y		23679(3)			
G P.	ROPYLENE GLY		Package Description		Marketing Start Date	Marketing E Date
G P.	ROPYLENE GLYN ATER (UNE 0500	2F0KD0R)				

 Marketing Information

 Marketing Gairgery
 Application Number or Managraph Classics
 Marketing Start Date
 Marketing Start Date

 ANDA
 ANDAUS412
 66.02016
 Marketing Start Date

A-S Medication Solutions

# Labeler - A-S Medication Solutions (830016429)

 Stablishment
 IDFE1
 Business Operations

 A-5 Medication Solutions
 0.0015429
 BELIABIL(SOOP-4019)

Revised: 1/2019