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# HUHLIGHTS OF PRESCRIBING INFORMATION These highlights do not include all the information needed to use NICARDINE HYDROCHLORIDE INJECTION safely and effectively. See full prescribing information for NICARDIPINE HYDROCHLORIDE INJECTION.

## NICARDIPINE HYDROCHLORIDE injection, for intravenous use Initial U.S. Approval: 1988

- INDICATIONS AND USAGE ------prine hydrochloride injection is a calcium channel blocker
  ad for the short-term treatment of hypertension when oral
  ic net forable
- Individualize dosage based upon the severity of hum
- rtension Individualize dosage based upon the severity of hypertension and response of the patient during dosing (2.1). Single dose vials must be diluted before use (2.2). When substituting for oral nicardipine therapy, use the intravenous infusion rate as follows (2.3):

Oral Nicardipine Dose Equivalent IV Infusion Rate 20 mg q8h 0.5 mg/hr 30 mg q8h 1.2 mg/hr

FULL PRESCRIBING INFORMATION: CONTENTS\* 1 INDICATIONS AND USAGE INDICATIONS AND USAGE 11 Hypertension DOSAGE AND ADMINISTRATION 22 Inspection and Preparation 23 Cleance all formation 24 Docage to a Substitute for Coal Noardpine Therapy 24 Docage for Initiation of Therapy in a Drug-Free Patient 25 Supervise as a Substitute for Coal Noardpine Therapy 24 Docage for Initiation of Therapy in a Drug-Free Patient 25 Supervise as a December of Coal Noardpine Therapy 26 Transfer to Coal Antihypotentialse Agents 26 Transfer to Coal Antihypotentialse Agents 26 Transfer to Coal Antihypotentialse 26 Transfer to Coal Antihypotentialse 26 Transfer to Coal Antihypotentialse 27 Advanced Action Stimulation

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### FULL PRESCRIBING INFORMATION: INDICATIONS AND USAGE

 Individual of the bolt of n is indicated for the short-term treatment of hypertension when oral therapy is not feasible or blood pressure, transfer patients to oral medication as soon as their clinical condition permits *[see* 

2.1 General Information Individualize dosing based on the severby of hypertension and the response of the patient during during, Markor bolo presure and heart rate both during and after the infusion to avoid tachycardia or too rapid or excessive reduction in either systolic or disatole blood pressure.

Administer nicardipine hydrochloride by slow continuous infusion by a central line or through a large peripheral vein. Change the infusion site every 12 hours if administered via peripheral vein [see Intravenous Infusion Site (5.7)].

2.2 Inspection Prepa Parenteni drug products should be inspected visually for particulate matter and discoloration prior to administration, w and container permit. Do not use the solution if particulate matter, precipitate, or crystallization is present, or if the container appears damaged Preparation ration, whenev

Do To use are an examined of the second state nd compatible and stable in polyvinyl chloride conta

### cardipine hydrochloride injection has ntrolled room temperature with:

controlled room temperature with: Dextrose (5%) Injection, USP Dextrose (5%) and Sodum Chindre(0.45%) kipscion, USP Dextrose (5%) and Sodum Chindre(0.45%) kipscion, USP Dextrose (5%) with 40 mEq Potasium, USP Sodium Chindre (0.45%) Injection, USP Naardpine hydrochloride is notcompablie with Sodum Bio

Discard unused portion. 2.3 Dosage as a Substitute for Oral Nicardipine Therapy The intravencus infusion rate required to produce an average plan shown in the following table: int to a give

20 mg q8h	0.5 mg/hr
30 mg q8h	1.2 mg/hr
40 mg q8h	2.2 mg/hr

2.4 Desage for initiation of Therapy in a Drug-Free Patient The time occurse of blood pressure decrease is dependent on the initial rate of infusion and the frequency of dosage adjust Nicardipen hydrochhoride injection is administered by slow continuous infusion at a concentration of 0.1 mg/mL. Witco infusion, blood pressure bage to fail within multius. Frequence about 50% of the lubrate docrease is about 45 minute. When treating acute hypertensive episodes in patients with chronic hypertension, discontinuation of infusion is followed by a 50% offset of action in 30 minutes ± 7 minutes but plasma levels of drug and gradually decreasing antihypertensive effects exist for many hours.

Titration For a gradual reduction in blood pressure, initiate therapy at a rate of 5 mg/hr. If derived blood pressure reduction is not achieved at this does, increase the infusion rate by 2.5 mg/hr every 15 minutes up to a maximum of 15 mg/hr, until desired blood pressure reduction is achieved. For more rapid blood pressure reduction, titrate every 5 minutes.

Maintenance Adjust the rate of infusion as needed to maintain desired response.

2.5 Conditions Requiring Influsion Adjustment Hypotention or Tadrycardia: IF siss of hypotestor of strikes is sisserview. IFMsch Noos pressure are tesh is sisserview (stabil), et and and influence and workers such as a soft-link to Smg/hr 10 Smg/hr) and thate to maintain dealed blood pressure.

reliatin finducion at biv dottes subtinuon to binducina y congre to compression wave ensurementary and a sub-inducion Site Changes: Change Inducion site every 12 hours il administered via perphenal vein. Impaind Cardiac, Repatic, co Prant Extractor Monitor Collevy when fittering incardpine hydrochorde hjection in patients with congestive heart failure or impaired hepatic or renal function (see Warnings and Precautions §:4, 55 and 5.6).

2.6 Transfer
 to
 Oral
 Antihypertensive
 Agents
 Interastruer tocklote transfer
 Agents
 Interastruer tocklote transfer to an one antihypertensive agent other than nicardipine capsules, initiate oral therapy upon discontinuation
 of nicardipine hydrochloride injection.

ofnicardigrine hydrochloride leyeloon.
 When working too TD regimen on inclardigine capsules, administer the find dose 1 hour prior to discontinuation of the infusion.
 JoSAGE FORMSANE STREMENTE
 Nonsignen hydrochloride injection. (25 lin available in the following presentations:
 Zomginardigrine hydrochloride, USP in 10 mL injection (2.5 mg/mL) in asingle dose val.
 CONTRANDICATIONS
 Aortic Strement in the patients with advanced acritic bases of the affected indication effect of nicardigine. Reduction of disability pressure in these patients may vocasen rafter than improve myocalial oxygen balance.
 MAINING AND PRECAUTIONS
 Lin Scoversive Themosoby: Effected

(a) Considerer minimizing classifier and the set of the set of

acute cerebral inflanction or hemorrhage. 5.2. Rapid Decrease in Blood Pressure No clinical events have been reported augustitive of a too rapid decrease in blood pressure with nicardigine. However, as with any arMigraterize a set More pressure (increase brank the arcompliables over as long a time, as it compatible with the palients clinical bitiats.

5.3 Use in Patients with Angina Increases in frequency, duration, or sevenity of angina have been seen in chronic onal therapy with nicardpine capsules. Induction or rascentation of any status face scen in (scc 10 an VK of coresy) arking scease pairers treates with incardpine. The mechanism of this effect han othere established.

Status
 Comparison
 Compa

TotatoTerm by the scenary to consense that the second seco

(c) ing 2 with min to be addy, operational in papers and point inspense exist. 56 Use in platent with Impaired Real Function When incardprine was given to midds-moderate hypothenixe patients with moderate renal impairment, a significantly lower systemic clearance and higher ALC was doesned. These results are consistent with those seen after or al administration of nicardpine. Careful does thation is advised when treating patients with more than mild renal impairment.

5.7 Intravenous Influsion Site To reduce the possibility of venous thrombosis, philebilis, local imitation, swelling, extinwasation, and the rare occurrence of vascular impairment, administer drug himugal page peripheral veries or contral veries rather than artifiers or small peripheral veries, such as those on the dosum of the hand or wrist. To minimize the risk of peripheral venous imitation, correlater changing the site of the drug influsion

ers of abrupt beta-blocker withdra

every 12 hours. 5.8 Beta-Blocker Withdrawal Nicardipine is not a beta-blocke beta-blockers gradually.

CONTRAINDICATIONS
 Do not use in patients with advanced aortic stenosis (4.1).

the site of influsion of naindigine every 12 hours (5.7). Nicardipine is not a beta-blocker and therefore gives no protection against the diangers of danut beta-blocker withdrawal. Windraw beta-blockers gradually (5.8). Closely monitor reponse in patients with angina (5.3), congestive heart failure (5.4), impaired hepatic function (5.5), portal hypertension (5.5), and renal impairment (5.6) and/peochromocytoma (5.9).

ADVERSE REACTIONS MOSt common adverse reactions are headache (19%), hypotension (5%), lachycardia (4%) and nauseal/orniting (4%). To report SUSPECTED ADVERSE REACTIONS, contact Micro Lab USA, hor at 1456:3393195 or FDA at 1-800-FDA-1088 orwww.fda.gov/medwatch.

7.4 Digosin 7.5 Cyclosgorine 7.6 Tracoffice PoPuLAtions 7.7 / In Vitro Interaction 1. Use IN SPECIFIC POPULATIONS 8.1 Pregnarcy 8.3 Nursing Mothens 8.4 Prediatic Use 8.5 Genitric Use 10 OVERDOSAGE 11 DESCRIPTION 11 DESCRIPTION 12 LINICAL PHARIMACOLOGY 12.1 Mechanism of Action 12.2 Pharmacodynamics ""TOXECULODI

- 12.3 Pharmacokinetics 13 NONCLINICAL TOXICOLOGY 13.1 Carcinoperson International Int asis, Impairment of
- NONCLINICAL TOXADOLOGY IN A CONTRIBUTION OF A CONTRIBUTICA CONTRIBUTION OF A CONTRIBUTICA CONTRUCA CONTRIBUTA CONTRIBUTA CONTRUCA CON

\*Sections or subsections omitted from the full prescribing information are not listed.

5.9 Use in Patients with Pheochromocytoma Only limited clinical experience exists in use of nicardipine for patients with hypertension from pheochromocytoma

6 ADVERSEREACTIONS 6.1 Adverse Reactions Observed in Clinical Trials Becase adrical trials are conducted under widely varying conditions, adverse reaction rates observed in the clinical trials of a drug cannot be directly compared to rates in the clinical trials of arother drug and may not reflect the rates observed in practice.

Two hundred torty-four patients participated in two multicenter, double-blind, placebo-controlled trials of incardigine. Adverse regoreters: w/r central w/r cincus an eati w/r cargot c Adver (4%).

(vm). The following adverse reactions have been reported in clinical trials or in the iterature during the use of intravenously adm initiatories. Bodycas NYohic (hear, nock pain Cardiolascular: prepara professional in or initiatal's Nock 5 for several seprection initiatal's value acception thrombophilabilis Dipartive dypeption Hermicand Lympolatic thrombophophila Hermicand Lympolatic thrombophophila Hermicand Lympolatic thrombophophila Hermicand Lympolatic thrombophophila Manual Cardiolascular initiatal and the several seprection initiatal Nervous: confusion, hyperformation, performance dema Nervous: confusion, hyperformation, performance dema Nervous: confusion, hyperformation, performance dema Nervous: confusion, hyperformation, device dema Nervous: confusion, hyperformation, device dema Nervous: confusion, hyperformation, performance dema Nervous: confusion, hyperformation, device devic

Respiratory: respiratory disorder Special Senses: conjunctivitis, ear disorder, tinnitus Urogenital: urinary frequency Uroge

Sinus node dysfunction and myocardial infarction, which may be due to disease progres therapy with orally administered nicardinine. ion, have been seen in pa 7 DRUG INTERACTIONS 7.1 Antihyperters

Antipyperheasive incentracipies hybridized indications and an experimental and a second and a daministration.

7.2 Behallockers Immost patients, inclardgine hydrochloride injection can safely be used concomitently with beta-blockers. However, monitor response carefully when combining interprises the processing of the set of the set of the treatment of congretive heart failure patients (see Warning and Mercauthons; 6.4).

enclose been shown to increase nicardipine plasma concentrations with oral nicardipine administration. Carefully monitor tients receiving the two drugs concomitantly. Data with other histamine-2 antagonists are not available.

7.4 Digoxin Shudes have shown that oral nicardipine usually does not alter digoxin plasma concentrators.

7.5 Optiosporine Concomentar administration of oral or intravenous nicardpine and cyclosporine neults in elevated pleama cyclosporine levels through instratione inhibitor of hepatic microsomal enzymes, including CVP3A4. Monitor closely pleama concentrations of cyclosporine during nicardpine hydrochloride injection administration, and adjust the dose of cyclosporine accordingly.

### 7.6 Tacrolimus

Concomitant administration of intravenous nicardipine and tacrolimus may result in elevated plasma tacrolimus levels through nicardipine inhibition of hepatic microsomal erzymes, including CVP3A4. Closely monitor plasma concentrations of tacrolimus during nicardipine administration, and adjust the deso of tacrolimus accordingly.

### 13.3 Reproductive and Develop ental Toxicology

In rats on an iodine deficient diet, nicardipine ad by T4 supplementation.

13.3 Reproductive and Developmental Toxotology Embryelethality. Lor bentacpointicly, was seen at intravenous closes of 10 mg nicardipinekg/day in rats and 1 mg/kg/day in rabbits. These does in the rat and rabbit are equivalent to human intravenous does of about 16 and 0.32mg/kg/day, respectively. (The total day) human does devidered by a continuous intravenous inducion ranges from 1.2 b6 mg/kg/day, depending on duration at different and any human does devidered by a contrainous intravenous inducion rations for 1.2 b6 mg/kg/day, depending on duration at different for the first of t daily Luman date delivered by a continuous intervence infusion ranges from 1.2 b 6 mg/sglast, deporting on duration at distere infusion reter renging from 3 b 5 mg/sgl as individual patiente antituadir o optimum examity. Nice optimum wai abo embycolid when sam #st (s o u) v (o p (sps#) st psprsts / IN<sup>6</sup> v JN<sup>6</sup> s ar #s 0 strong exercs 3 i 37 m 4 (s sb y / s site s scers 3 s v · IN = v i 4 sb y / s site weigt gain suppression in the tweet do b), b at rot 4 50 mg/sgl (by funna required to a least 16 mg/sgl y or strong area maintread or zite), carting or gargeomes, which us to 100 mg/sgl (s does associated when New Zasian's diation rabbit weet theated or zite), carting administration of the low (s 100 mg/sgl (s does associated when Signi Carting) in the treated cole). In or evidence of intervision and intervision of u (s 100 mg/sgl (s does associated whe significant mortality in the treated cole). In or evidence of the notification and the site of the si dence of embryok

There was no electron trybunction (passing transition) of the provided of the

7.7 In Vitro Interaction The plasma protein binding of nicardpine was not altered when therapeutic concentrations of furcesmide, propriandol, dipyridam wafarin, qurisitine, or narpoxen were added to human plasma in vitro.

1.1 Pregnancy.
There are no adequate and wel-controlled studies of nicardipine use in pregnant women. There are limited human data in pregnant women with pre-extangoia and preterm labor. In animal reproduction and developmental toxicity studies, evidence of Ietal ham was observed. Therefore use nicardipine during pregnancy only if the potential benefit justifies the potential risk to the letus.

Increased ambryolefability was also observed when nicordinine was administered onally to pregnant rabible at a dose equivalent to a brans of 31 dott - 10 dott - 14 of 42 dott 32 dott - 16 m attem. In content rests A ten 3 of 10 dott 32 mg/kg/day (16 times the maternal body weight gain suppression). At a lower oral dose, equivalent to a human dose of about 32 mg/kg/day (16 times the maximum recommended human oral dose), in a different strain of rabible three were no adverse effects on the faults, houch there was human the strain of the str

increased maternal mortality. There was no evidence of embyoliethality or teratogenicity when pregnant rats were administered recarging or ally all a set caural of the and the and the administered birth education of the set (star). Non-Cit (a set of the administered weight reduced neoratal survival and reduced period mortal wairth and unser anothed the an Monchine Towindow/13 90

8.3 NursingMothers Nicardpine is minimally excreted into human mik. Among 18 intents exposed to nicardpine through breast mik in the postpartum period, calculated day furser tose was less than 0.3 mog and here were no adverse events observed. It is recommended that women who wish to breastfeed should not be given this drug.

h a study of 11 women who received oral incardipire 4 days to 14 days postpartum, 4 women received immediate-release ni 40 to 80 mg daily, 6 women received sustained-release nicardipine 100 mg to 150 mg daily, and one woman received intr nicardipine 120 mg daily. The peak mik concentration was 7.3 mggL (range 1.9 to 18.8), and the mean mik concentrat 4 AnogL (range 1.3 to 13.9).

Infants received an average of 0.073% of the weight-adjusted maternal oral dose and 0.14% of the weight-adjusted maternal oral dose.

8.4 Pediatric Use Safety and efficacy in patients under the age of 18 have not been established.

11 DESCRIPTION

12.2 Pharmacodynamics

odynamics

oronary stea od flow in p blood flow in shown to im confirmed th argina upon rate and dec

Electrophysiologic In general, no detrim

Hepatic Function Because nicardipine is extensively

nary Function

12.3 Pharmacokinetics Distribution

After coad

mm

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8.5 Geriatric Use Thostaddy-size pharmacobinetes or meanaighne are similar in elacrly hypertensive patients (greater than 63 years) and young healthy adults

Development provide approximation of the second second

securate on nepato, renal or cardiae function, and concomitant deease of other drug therapy. 10 OVEROSAGE Social on cardiae standing and mother patient, 2160 mg of the sustained release formulation of incatopine. Symptoms included mineradate release capaulae, and another patient, 2160 mg of the sustained release formulation of incatopine. Symptoms included marked hypotension, budged, and another patient, 2160 mg of the sustained release formulation of incatopine. Symptoms included marked hypotension, thanking, another sustained and another sustained and an another supervised and another supervised another supervised and another supervised another superv

Based on results obtained in laboratory animals, lethal overdose may cause systemic hypotension, bradycardia (following initial tachycardia) and progressive atrioventricular conduction block. Revensible heats function abnormalities and sporadic local hepatic necrosis were noted in some arimal spokes neeving varigredose of nicardipine. For hestment of overaosage, clanasia measures including monitoring of estates and respitatory functions, chould be implemented. The patient founds be positivened to avoid excellutationaria. Frequent blood pressure acteriminations are excernital inclinated for positions excellutation configured to according to the patient of the product of the actionary of

Neardigne hydrochlorde, USP is a cabium on influx inhibitor (slov channel blocker or calcium channel blocker). Nicardigne hydrochloride njection, USP for intravenous administration contains 2.5 mg/mL of incardigne hydrochlorid, USP. Nicardigne hydrochlorid, USP a chrydosyndre deinative with UMPC (International Union of Huar and Applied Chemistry chemical rame (s)-2-Genzy-methyl amino) ethyl methyl 1.4-dhydro.2, 6-dimethyl-4 (m-ristophenyl)-3.5-pyrdinedicarboxylate monohydrochlorid, USP and has the load/was ptructure:

Nicardpine hydrochloride injection, USP is available as a sterile, non-pyrogenic, clear, yellow solution in 10 mL vials for intravenous infusion after dilution. Each mL. contains 25 mg nicardpine hydrochloride USP, 0.005 mg benoto acid and 7.5 mg sodum chloride, in Water for hydroch sodum hydroxide (a), anny have been advided to adjust pH to 32 to 4.2. FDA approved acceptance criteria for pH differ from the USP.

FDA approved acceptance criteria for pH differ from the USP. 12 CURACL PHARMACDLOGY of Action Neardpine inhibits the transmembrane influx of cabium ions into cardiac muscle and smooth muscle without changing serum cabium concentrations. The contractile processes of cardiac muscle and secular smooth muscle are dependent upon the movement of concentrations and the secular through pacific ion channels. The effects of hicardpine aremore electric to suscular smooth muscle than cardiac muscle. In animal muscle, includingine produced relaxation of coronary vascular smooth muscle at drug levels which cause little or no negative instropic effect.

Tennosymanica Tennosymanica Negro na significant dornaena in nystenic vascular metatano, in a study of ritha-atterialy administered riscatejion, hu Negro na significant park, in crusific ericata it Noos pasces i vice noo pomere it hyperenci parket in two neonobativo valencia: Asameti vano ni resappre to remotivensi valencia cassasco (6.5% o.3%), os sphi no right heat prosena changes of leastans Similar pastolo bodo presume and least han Similari o disobsco do pressure. we man another provide the provided set of the set of

Hencodynamic studies billowing instrumences dooling in patient with corcurs yearsy disease and normal or moderately abnormal left ventricular function have shown significant increases in ejection fraction and cardiac output with no significant change, or a small decrease, in lift ventricular and with one provide trace in ejection fraction and cardiac output with no significant change, or a small ventricular and subscription of the structure (1130). The structure is the structure structure structure is the structure in the structure is the structure is the structure in the structure is the structure is the structure structure is the structure is

In congestive heart failure patients with impaired left ventricular function, nicardipine increased cardiac output both at rest and during exercise. Decreases in left ventricular end-sist/site pressure write site obscrvts\_howset in cone\_pstents\_with severe kill vehice(site) defunction. It must have an executive instruction effect and could lead by womenend that was

y shall have not been chosened during treatment with inbadipties (Coronary shall is the detrivential excliption of one in provide the set of coronary attempt chosened from hypothesis of an easy of the set of t

n patients with coronary artery disease, nicardipine improves left ventricular diastolic disterna billty during the early filling phase, robably due to a faster rate of myocardial relaxation in previously underpertused areas. There is little or no effect on normal rogardum, suggesting the improvement is mainly byindrice tracharisms such as althold reduction and reduced alchemia. Stardipine has no negative effect on myocardial relaxation at therapeutic does. The clinical benefits of these properties have not yet seendomonstration.

iologic or SA

In general, no detimental effects on the ardiac conduction system have been seen with nicardpins. During acute electophysic batios, is increased heart rate and prolonged the corrected of Timena to a mixer depres. It dont adtectainan and encouvey conduction times. The PA, AH, and HV intervals' or the functional and effective refractory princids of the atrium were not prolonge relative and effective refractory protocol of the Isin-Bulking system were alignly indered.

\*PA = conduction time from high to low right atrium; AH = conduction time from low right atrium to His bundle deflection, or AV nodal conduction time; HV = conduction time through the His bundle and the bundle branch-Purkinje system.

concess is arrayme is exerimently metabolized by the iver, planna concentrations are influenced by changes in hipsitic function. In a cinclus davy with incardpine capacities in planetins with severe level cleanap changes of the IA-IE evans protorigid (see Warnings and Precautors (5.5)). Similar results were obtained in patients with hepatic disease when nicardpine hydrocholdware and antimistered of 2-hours at 0.6 mg/hr.

Renal Function When nicardpine was given to mid-to-moderate hypertensive patients with moderate degrees of renal impairment, significant exolucion in givennaular Bradon rate (GFR) and effective renal plasma flow (RFF) were observed. No significant d'Brances in liver blood flow were observed in these patients. A significantly lower systemic clearance and higher area under the curve (AUC) were observed.

When nicardipine capsules (20 or 30 mg TID) were given to hypertensive patients with impaired renal function, mean plasma concentrations, AUC, and C\_were approximately two-fold higher than in healthy controls. There was a transient increase in electrolyte excreteion, including sodum *I see Warning* sand *Precaultions 50.1*.

Acub bolus administration of incardigine hydrochioride njection (2.5 mg) in healthy volunteers decreased mean arterial pressure and real statistic rectiver c ginner draft in flator st c ( 7 Mg, rest gisters in (NPF, gister B and NPF, gisters B and NPF, gister

In the well-controlled studies of patients with obstructive airway disease treated with incircidinia capacities, no exdence of increased benefactors in a case of the original case in a case of the case capacity (FVC) incompanion/with metoprobl. Advance reactions reported in a limited number of patients with adman, nacitive airway disease, or castructive airway disease even is initiat or case in or the patient tread with incircidine capacity of the case of th

A rapid deserveleted increase in incardigine glasma accorectrations is seen during the first two hours after the start of an inflation of receiptore. Thiss concertainties increased is a net during. Tais with entricle hours are gapper after starts gat (124 a 21 a 48 during. Tais (124 m) and (1

comparimentmode is a Like ji the pharmaconnect on nearborne is mare over the dolage angle of U-Singhi R-H-H-H-Metabolism and Exercision Nearborne has been shown to be napply and extensively metabolised by the tegate obschrone P450 engines, CVP3028, 200, and Exercision has been shown to be napply and extensively metabolised by the tegate obschrone P450 engines, CVP3028, 200, and Exercision terms and the short of the U-Sick as a CV-Sick (Link). Whither in Picck Lengents is the relaxed planes built on certain drugs, including optiogenite and taccimism, also *Drug Interaction (5.5*, 76). The altered pharmacokinetics may necessitate dolage adjastment of the altericid drug of decorrinuation of teamment.

Indiactivity was recovered our two uses and the second sec

Mice treated with nicardipine in the diet (at concentrations calculated to provide daily dosage le 100 mg/kg/kg/l for up to 18 months showed no evidence of neoplasia of any tissue and no evidence of thyroid change there was no evidence of thyroid pathodized indication that with up to 25 mg nicardipine kg/day/tr one year and no evi-nicardipine on thyroid function (plasma T4 and T5H) in man.

Ingling transmission count operation of a second se

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Clinical studies of nicardipine did not include sufficient numbers of subjects aged 65 and over to dete differently from young er subjects.

32 mg/kg/day

In reproduction studies conducted in rats and rabbits, increased embryolethality occurred when nicardipine was intravenously at doses equivalent to human intravenous doses of 1.6 (rats) and 0.32 mg/kg/day (rabbits).

8 USE IN SPECIFIC POPULATIONS 8.1 Pregnance:

neoratalweight gain were noos. 14 CLIRCALSTODISE Effect in Hypertension in palaierts with midde-moderate chronic stable essential hypertension, nicardipine hydrochibride injection(0.5 to 4 mg/H) profued dote-cprese/ scripts; and the process of the process o

### HOW SUPPLIED/STORAGE AND HANDLING

16 TOW SUPPLED/STONGE AND FAMOLING 16.1 How Supplied Neardpine Hydrochloride Injection, USP is supplied as a sterile, ole 25 mg of nicardjine hydrochloride, USP. It is available as follows: 10 mL Val 10 x 10 mL Vial-Carton NDC 72485-116-10 rile, clear, yellow solution in a 10 mL single-dose vials. Each mL co

Tea Storage and Handling Store at 20° to 25°C (68° to 77°F) [see USP Controlled Room Temporature]. Exercising Areas not adversely affect the product, but exposure to elevated temperatures should be avoided. Protect from light. Store Viais

Manufactured by: Micro Labs Limited Bangalore-560099. INDIA.

Manufactured for: Armas Pharmaceuticals, Inc. Freehold, NJ 07728 (USA)

Rev. 05/2023

USI-ML14-042/A



## Size: 120(L) x 650(W) mm