

# DRUG MARKET WITHDRAWAL

# DILTIAZEM HYDROCHLORIDE EXTENDED RELEASE CAPSULES

60 mg and 90 mg

(100's Bottle pack container) 60 mg (NDC 68462-850-01) and 90 mg (NDC 68462-851-01)

May 2, 2024

Dear Customer,

This is to inform you of a voluntary market withdrawal to wholesaler level involving the following:

Diltiazem Hydrochloride Extended Release Capsules 60 mg and 90 mg (100's Pack Container) being Market withdrawal;

| S. No. | NDC          | Strength | Batch No. | Pack Size | Expiry Date  |
|--------|--------------|----------|-----------|-----------|--------------|
| 1.     | 68462-850-01 | 60 mg    | 17231080  | 100'S     | April - 2025 |
| 2.     | 68462-851-01 | 90 mg    | 17240362  | 100'S     | Jan - 2026   |

Market withdrawal of above mention batches is being proposed as a part of impact assessment conducted for the out of Specification result in test of dissolution for Diltiazem Hydrochloride Extended Release Capsules120 mg batch # 17230304 during long term stability12<sup>th</sup> month time point and recall for batch 17230304 has already been initiated on March 22, 2024.

Batch 172310180 and 17240362 was passed in L2 stage dissolution criteria during initial analysis therefore as an abundant caution, firm has decided to withdraw the subjected batches from the market. At this time, no failure is observed in above subjected commercial batches.

Please refer to the details of product batches listed in above table and refer enclosed product labels for ease in identifying the product.

Please examine your inventory and if you have any inventory available pertains to any of the batches specified in above table then quarantine it immediately. Glenmark Pharmaceuticals Inc., USA initiated shipment of the above batches on Sep 27, 2023.



Glenmark is requesting that the batches specified in the above table to be returned to Inmar Rx Solutions (address below) using the Postage Paid Product Return label that was provided in your Market Withdrawal Return Packet.

Inmar Rx Solutions 3845 Grand Lakes Way Grand Prairie, TX 75050

Please complete and return the enclosed response form preferably within 72 hours of receipt of this notification. Please either fax your response to 817-868-5362 or email to Rxrecalls@Inmar.com.

If you have any questions regarding your market withdrawal return please contact Inmar at 877-851-8141, Monday thru Friday 9 am to 5 pm EST.

Thank you for your cooperation,

Sincerely,

## GLENMARK PHARMACEUTICALS INC., USA

Thomas Callaghan Digitally signed by Thomas Callaghan Date: 2024.05.02 10:07:28 -04'00'

Thomas Callaghan

Executive Director - Regulatory Affairs, North America

US Agent for Glenmark Pharmaceuticals Limited

Enclosure(s):

**Product Labels** 

Market Withdrawal Return Response Form

SAME SIZE ARTWORK LABEL SIZE : 105 mm x 45 mm UNVARNISHED AREA 30 mm x 45 mm FOR LOT & EXP NDC 68462-850-01 Diltiazem Hydrochloride Extended-Release Capsules, USP 45 mm 60 mg\* 105 mm

**MINIMUM FONT SIZE: 4.8 pt** 

DATE: 13-01-2021 **VERSION: 09** 

| ACTUAL SIZE: 105 mm x 45 mm   | REMARKS:    |   |                              |
|---|-------------|---|------------------------------|
| LOCATION: INDORE  LAB - 100'S   | QA:         | Entire Text   |                              |
| COUNTRY: USA  | PRODUCTION: | Machine Suitability   |                              |
| PHARMACODE: NA  | RA          | Regulatory Text   |                              |
| PRODUCT NAME: Diltiazem ER Tabs 60 mg  ITEM CODE: PE58004 VERSION: 0121-1 | PKG. DEV.:  | Item code, Version, Consistency<br>of Design, overprint area, Pack<br>size, Dimensions & Layout |                              |
| GLENMARK PHARMACEUTICALS LTD.   | DATE:       | PANTONE SHADE NO: BLA   | CK 186 C NON PRINTING COLOUR |

May Breedlove

Digitally signed by May Breedlove Date: 2021.01.14 15:10:25 -05'00'

Carole Capella Digitally signed by Carole Capella Date: 2021.01.15 12:54:20 -05'00'

Kristin

Digitally signed by Kristin DiStefano DiStefano Date: 2021.01.19 08:28:42 -05'00'

SAME SIZE ARTWORK LABEL SIZE : 105 mm x 45 mm UNVARNISHED AREA 30 mm x 45 mm FOR LOT & EXP NDC 68462-851-01 Diltiazem Hydrochloride Extended-Release Capsules, USP 45 mm 90 mg\* 105 mm

**MINIMUM FONT SIZE: 4.8 pt** 

DATE: 13-01-2021 **VERSION: 08** 

| GLENMARK PHARMACEUTICALS LTD.   | DATE:       | PANTONE SHADE NO: BLACK   | 186 C 2945 C NON PRINTING<br>COLOUR |
|---|-------------|---|-------------------------------------|
| PRODUCT NAME: Diltiazem ER Tabs 90 mg  ITEM CODE: PE58005 VERSION: 0121-1 | PKG. DEV.:  | Item code, Version, Consistency<br>of Design, overprint area, Pack<br>size, Dimensions & Layout |                                     |
| PHARMACODE: NA  | RA          | Regulatory Text   |                                     |
| COUNTRY: USA  | PRODUCTION: | Machine Suitability   |                                     |
| LOCATION: INDORE  LAB - 100'S   | QA:         | Entire Text   |                                     |
| ACTUAL SIZE: 105 mm x 45 mm   | REMARKS:    |   |                                     |
| SPECIFICATION:  |             | 3.10 A.S.S.   |                                     |
|   |             | F   | CPDC001/01.00                       |

May Breedlove Digitally signed by May Breedlove Date 2021.01.14 15:12:02-05'00'

Carole Capella

Digitally signed by Carole Capella Date: 2021.01.15 12:54:37 -05'00'

Kristin

Digitally signed by Kristin DiStefano DiStefano (08:29:14 - 05'00'

32 mm

Diltiazem Hydrochloride Extended-Release Capsules, USP

### DESCRIPTION

Dissam hydrochloride is a calcium ion cellular influx inhibitor (slow channel blocker or calcium antagonist).
Chemically dislazam hydrochloride is 1.5-berconhizam-45H)-one, 3-qacrylday)-5-12-(immethylamino) ethyl-12-3-dihylor-24-methodyshem), monohydrochloride, (-)-5-3. The chemical structura is

## Molecular formula: C\_H\_N,0, S=HCi

Disagem hydrochloride, USP is a white crystaline powder or small crystals. It is friely soluble in chloroform, formic acid, methand, weter, sparingly soluble in dehydrated alcohol and insoluble in ether. It has a molecular weight of 450.98 gmol. Each bilasem hydrochloride its fettended-Resease (apsulse, USP contains either 50 mg distazem hydrochloride (apuwalent to 52.7 mg distazem hydrochloride (apuwalent to 52.7 mg distazem).

Also contains. Dethyl phthalate, styll relations, methacytic and and ethyl acrylate copolymer, polysorbate, powdone, sodium launyl sulfate, supar solvens (com starch, hyprometisse and sucrose) and talc. The capsuls shells contain D&C vallow No. 10 (90 mg only), FD&C Red No. 3, FD&C Red No. 40, FD&C Vallow No. 5, gelatin, sodium launyl sulfate and thanium dioxide. The black printing ink contains black iron oxide, potassium hydroxide and shellar.

FDA approved dissolution test specifications differ from USP.

## CLUNICAL PHARMACOLOGY

The therapeutic effects of diffuzem hydrochloride are believed to be related to its ability to inhibit the influx of calcium ions during membrane depolarization of cardiac and vascular smooth muscle.

Mechanism of Action
Difficam intyfrockholine Extendes-Felelaee Capables produces its antihyportensive effect primarily by re
of vaccular smooth muscle and the resident discrease in peripheral vascular resistance. The magn
blood prissure exclusion is reliated to the deeper of hyporhabidity thus, hyperiments in inventional occupied antihyportensive effect, whereas there is only a modest rial in alloud pressure in normodestives.

## Hemodynamic and Electrophysiological Effects

Introductionals and beations advantage times. Like other calcium channel antagonists, diseasem decreases sinoatrial and atrioventricular conduction in isolated basses and has a negative inotropic effect in isolated preparations. In the intact animal, prolongation of the AH interval can be seen at higher does not consider the properties of the proper

In man, diffiazem prevents spontaneous and ergonovine-provoked coronary artery spasm. It causes a decrease In main, difficult prevents sportaneous and ergonovine-provided coronary array spasam. It causes a decrease in perspheral vaciant resistance and an indest fall in blood pressure in normalisense individuals and, in exercise tolerance studies in patients with ischemic heart disease, refused six the heart rath-blood operature product for any perie workload. Studies to date, primarily in patients with good workload function, have not revealed evidence of a regarder function have not revealed evidence of a regarder function. The patients will be a studied to the product of the patients will be a studied to the studied by the prescription impairment of vermicate function. There are as yet flow date on the interaction of defination and detail-blockers in patients will prove workflow function. Restain plant rate to usually subject received by diffusion. Restain plant rate to usually subject received by diffusion.

patients with poor ventriculer function. Resting heart rate is usually algority reduced by diffusizm. Diffusizm Hydrochloride Extended-Release Capsules produces antihypertensive effects both in the supine and standing postitions. Postural hypotenision is infrequently noted upon suddenly assuming an upright postrion. No retires tachytrantia is associated with the chronic artithypertensive effects. Diffusion Hydrochloride Extended-Release Capsules decrease vacciair resistance, increase cardiac output (by increasing strice volume), and produce a alight decrease or in change in heart rate. During dynamic cerease, increases in ideatrolic pressure are inhibited, within emplainm achievability systalic pressure is sually reduced. Heart rate at maximum excrease does not change or is slightly reduced. Chronic flenzay with diffusizem hydrochloride produces not change or an increase in plasma catechdamines. No increased activity of the rentin-approximal-indicatione axis has been observed. Diffusizem Hydrochloride Extended-Release Capsules antagonize the rotal and peripheral effects of angiotensin III. Hyperhearisse animal models respond to diffusizem with reductions in blood pressure and increased urinary output and natriviersis without a change in urhany socilium/potassium ratio.

unnary output and nationurses without a change in unnary southerprocessium range and AV node functional and intravenous deliazem hydrochloride in does of 20 mg preforage AH conduction time and AV node functional and effective infraction periods by approximately 20%. In a study involving single oral does of 300 mg of deliazem hydrochloride in six normal volunteess, the average maximum PR proforation was 14% with no instances of greater than first-degree hand block. Distazem-associated proforagation of the AH interval is not more pronounced in patients with Tiers-degree hand block. In patients with sick sinus syndrome, diffuzzem significantly profongs sinus cycle length (up to 50% in some cases).

Chronic oral administration of diltiazem hydrochloride in doses of up to 360 mg/day has resulted in small increases in PR interval, and on occasion produces abnormal prolongation (see <u>WARNINGS</u>).

increases in PR interval, and on occasion produces abnormal protongation (see WARNINGS).

Pharmacokinetics and Metabolism

Dilazarm is well absorbed from the quastrointestinal tract and is subject to an extensive first-pass effect, giving an absolide bisevaliability (compared to intrevenous administration) of about 40%. Dilazarm hydrochloride undergoes sensives metabolism in which 2% of 5% of the unchanged drug appears in the urine. In vitro bringing studies show diffusiam hydrochloride is 70% to 80% bound to plasma proteins. Competitive in vitro bigand bending studies show although the sensitive of the part of the sensitive of digital in the passion of digital, in hydrochlorida is 70% to 80% bound to plasma proteins. Competitive in vitro bigand bending studies share also shown diffusiam hydrochlorida passion group or multiple drug administration is approximately 3.0 to 4.5 hours. Descaptly diffusion in alther following sniple or multiple drug administration is approximately 3.0 to 4.5 hours. Descaptly diffusion in also present in the plasma all liveds of 10% to 20% of the parent drug and is 25% to 50% as potent a coronary vascolidator as diffusion. Minimum thereapieut plasma levels of diffusion principloside passion to be in the range of 50 to 200 ng/ml. Ther is a departure from linearity when does strengths are increased, the half-life is slightly increased with golds. A study that companed patients with corrollar patients with currollar patients. A single study in nineapieuts with severely imprinted man function showed no difference in the pharmacokinetic profile of difficam compared to patients with corrollar patients.

Distazem hydrochloride Extended-Release Capsules ("Netora-Day Dosace)
A single 120 mg dose of the capsule results in directable plasma levels within 2 to 3 hours and peak plasma
bevels at 6 to 11 hours. The apparent elemination half-life after single or multiple dosing is 5 to 7 hours. A
departure from linearity similar to that observed with the distazem hydrochloride stateled is observed. As the dose
of dillazem hydrochloride extinded-release capsules is increased from a day fode or 102 mg (60 mg b.i.d.)
to 240 mg (120 mg b.i.d.) daily, there is an increase in area-under-the-curve of 2.6 times. When the dose is
microased from 240 mg to 350 mg dayly, there is an increase in area-under-the-curve of 1.8 times. The average
plasma levels of the capsule dosed hexcé daily at steady-state are equivalent to the tablet dosed four times daily plasma levels of the capsule dosed twice daily a when the same total daily dose is administered.

## MIDICATIONS AND USAGE

instruction love wast beginning to the definition of the control of the state of th

DOWN NOMINGENESS TO STATE A CONTRIBUTION OF THE PROPERTY OF TH

Cardiac Conduction

Dillazem hydrochloride prolongs AV node refractory periods without significantly prolonging sinus node monover time scrept in patients with sick sinus syndrome. This effect may rarely result in abnormally slow heart rates (particularly in patients with sick sinus syndrome) or second—or third-degine AV block (9 of 2.111 patients or 0.43%). Concomitant use of difficam with beta-diodest or digitalis may result in additive effects or cardiac conduction. A patient with Prinzimetal's angina developed periods of asystole (2 to 5 seconds) after a single dose of 60 mg of difficam with Prinzimetal's angina developed periods of asystole (2 to 5 seconds) after a single dose of 60 mg of difficam (see ADVERSE REACTIONS).

Congestive: Heart Failure and the control of the co

Hypotension
Decreases in blood pressure associated with diltiazem hydrochloride therapy may occasionally result in symptomatic hypotension

Acute Hepatic Interv.

Mild elevations of transaminases with and without concomitant elevation in alkaline phosphatase and bilinubin have been observed in diminal studies. Such elevations were usually transient and frequently resolved event with continued difficazion treatment. In rare instances, significant elevations in enzymes such as alkaline phosphatase. LIDH, SGOT, SGPT, and other phenomea consistant with acute hepatic injury have been node. These reactions tended to occur early after therapy initiation (1 to 8 weeks) and have been reversible upon discontinuation of drug therapy. The relationship to difficazion hydrochloride is uncertain in some cases, but probable in some (see PRECAUTIONS).

## PRECAUTIONS

General Dihazem hydrochloride is extensively metabolized by the liver and excreted by the kidneys and in bile. As with any drug given over protonged periods, laboratory parameters of ranal and hepatic function should be monitored at regular intervals. The drug should be used with caution in patients with impaired ranal or hepatic function. In subscarce and principle of the patient subscarce hepatic studies designed to produce tracterly, high does not diffusive mere associated with hepatic dranage. In special subscarce hepatic studies, or all doess of 125 mg/kg and higher in rats were associated with historlogical changes in the liver winth were reversible when the drug west descontinued. In dogs, doses of 20 mg/kg were also associated with hepatic changes, however, these changes were reversible with continued disoling.

Terminatorionical events (see ADVERSE REACTIONS) may be transient and may disappear despite continued.

Dermatdogical events (see <u>ADVERSE\_EEACTIONS</u>) may be transient and may disappear despite continued use of diffusion hydrochloride. However, skin enuptions progressing to erythema multiforme and/or enfoliative dermatics have also been infrequently reported. Should a dermatidopic reaction peraist, the drug should be discontinued.

Drug Interactions
Due to the potential for additive effects, caution and careful titration are warranted in patients receiving dilutary
hydrochloride concomitantly with any agents known to affect cardiac contractility and/or conduction (see
\*\*MARNINGS.\*\*). Pharmacologic studies indicate that there may be additive effects in protonging AV conductors
when using beta-blockers or digitalis concomitantly with distance in hydrochloride (see \*\*MARNINGS.\*\*).

\*\*Distance of the protonging AV conductors
when using beta-blockers or digitalis concomitantly with distance in hydrochloride (see \*\*MARNINGS.\*\*).

\*\*Distance of the protonging of the pr

mm

As with all drugs, care should be exercised when treating patients with multiple medications. Dittiazem is both a substrate and an inhibitor of the cytochrome P-450 3A4 enzyme system.

Other drugs that are specific substrates, inhibitors, or inducers of this enzyme system may have a significant impact on the efficacy and side effect profile of distazem. Patients taking other drugs that are substrates of CVP450 3A4, especially patients with menal and/or hepatic impairment, may require dosage adjustment when starting or stopping concomitantly administered distazem in order to maintain optimum therapeutic discol levels.

Amenthetics. The depression of cardiac contractility, conductivity, and automaticity as well as the vascular dilation associated with anesthetics may be potentiated by calcium channel blockers. When used concomitantly, anesthetics and calcium blockers should be titrated cardfully.

Bearodisarpines: Studies showed that diffizarm increased the AUC of midazolam and triazolam by 3- to 4-food and the C., by 2-fold, compared to plazebo. The elimination half-life or midazolam and triazolam also increased (1.5- to 2.5-fold) during coadministration with diffuzem. These pharmacolaretic effects seen during diffizarm coadministration can result in increased clinical effects (e.g., prolonged sedation) of both midazolam and triazolam.

Beta-blockers. Controlled and uncontrolled domestic studies suggest that concomitant use of diffisizem hydrockhone and beta-blockers is usually well tolerated, but available data are not sufficient to predict the referest of concomitant treatment in patients with last ventricular systemician or carriace conduction abmembilies.

Administration of different hydrochloride concomitantly with proprianted in the normal volunteers resulted in increased prograpioal levels in its subjects and biocarbilativity of progranded was increased approximately 50%. In vitro, proprianted appears to be disolated from its binding sites by diffusion. If combination therapy is initiated or withdrawn in conjunction with proprianted, an adjustment in the proprianted dose may be warranted (see WADENINGS).

Bespirane In nine healthy subjects, diffazem significantly increased the mean buspirone AUC 5.5-fold and C\_\_\_4.1-fold compand to pilacebo. The T\_a and T\_a\_ of buspirone were not significantly affected by diffazem. Financed effects and increased twoscopy of buspirone may be possible during concentrant administration with diffazem. Subsequent dose adjustments may be necessary during coadministration and should be based on chiral abassament.

Carbsenazepine: Concomitant administration of diffusars with carbsmazepine has been reported to result in elevated serum levels of carbsmazepine (40% to 72% increase), resulting in toxicity in some cases. Patients receiving these drugs concurrently should be monthered for a potential drug interaction.

Cheedidine: A study in six healthy voluntiers has shown a significant increase in pask distazem plasma levels (58%) and area-under-the-curve (35%) after a 1-week course of ornetidine at 1,200 mg per day and a single does of distazem 60 mg. Ramitdine produced smaller, nonsignificant increases. The effect may be mediated by cimedidine's known inhibition of hepatic cytochrome P-450, the enzyme system responsible for the first-pass metabolism of diffication. Palents currently reviewing diffication theory should be carrively monitored for a change in pharmacological effect when initiating and discontinuing therapy with cimelidine. An adjustment in the diffication does may be warranted. the diffiazem dose may be warranted

Clondiline: Sinus bray/cardia resulting in hospitalization and pacemaker insertion has been reported in association with the use of clonidine concurrently with dilitiazem. Monitor heart rate in patients receiving concomitant dilitiazem and clonidine.

Concominant orinzam and cominine. Operioaparine A harmacokinetic interaction between diffiazem and cyclosporine has been observed during studies involving renal and cardiac transplant patients. In renal and cardiac transplant recipients, a reduction of cyclosponne doss raping from 15% to 48% was excessary to maintain cyclosporine trappid conscirations similar to those seen prior to the addition of diffiazem. If these agents are to be administered concurrantly, cyclosponne concentrations should be monitored, especially when offiszam therapy is initiated, adjusted or discontinue. The effect of cyclosponne on diffiazem plasma concentrations has not been evaluated.

Digitable Administration of diffiazem hydrochlorde with digitax in 24 healthy male subjects increased plasm digitant concentrations approximately 20%, Another investigator found no increase in disparin levels in 1 patients with coronary arrary disease. Since there have been conflicting results regarding the effect of digitax levels, it is recommanded that digoon levels be monitored when initiating, adjusting, and discorrinuing diffiazem hydrochlonde therapy to avoid possible over- or under-digitalization (see <u>WARNINGS</u>).

hebradine: Concurrent use of differem increases exposure to ivabradine and may exacerbate bradycardia and conduction disturbances. Avoid concomitant use of ivabradine and differem.

Quinidine: Diffuzern significantly increases the AUC  $_{0\to 0}$  of quinidine by 51%,  $T_{10}$  by 36%, and decreating by 33%. Monitoring for quinidine adverse effects may be warranted and the dose adjusted according

Rifampin: Coadministration of rifampin with diffiazem lowered the diffuzzem plasma concentrations to undetectable keels. Coadministration of diffiazem with flampin or any known CYP3A4 inducer should be avoided when possible, and alternative therapy considered.

May Breedlove Danic 2021/31 15 11 49:31 49:000

Carole Capella Digitally signed by Carole Capella Date: Date: 12:55:25-05:00'

Kristin Digitally signed by Kristin DiStefa DiStefano Date: 2021.01.19 no

200 mm

| GLENMARK PHARMACEUTICALS LTD.   | DATE: 15.01.2021 | PANTONE SHADE NO: Black  |
|---|------------------|--|
| PRODUCT NAME: Dilitiazem SR caps US  ITEM CODE: PE58007 VERSION: 0121-1 | PKG. DEV.:       | Item code, Version, Consistency<br>of Design, overprint area, Pack<br>size Dimensions & Layout |
| PHARMACODE: NA BARCODE: 58007   | RA               | Regulatory Text  |
| COUNTRY: US   | PRODUCTION:      | Machine Suitability  |
| LOCATION: Indore  PACK: 33 x 32 mm                                      | QA:              | Entire Tool  |
| ACTUAL SIZE: 325 x 200 mm   | REMARKS: NA      |  |
| SPECIFICATION: 60 Gsm Maplitho Paper                                    |                  |  |
|   |                  | FCPDC001/01.00   |

Tomple Packaging Pvt. Ltd.

Font: Helvetica condensed

Size: 6 pt

Sap code: 40100011840 File: 65464 Ver: 03 Shap

Illiadiss: Different is an inhibitor of CYPSA4 and has been shown to increase significantly the AUC of some statists. The risk of revipuelty and rhabdomaphia with statistic matabolized by CYPSA4 may be increased with concombant yet of different, when possible, use a non-CYPSA4-restitional statis in operare with different otherwise, does adjustment for both different and the statis should be considered allong with close monitoring for signs and expressions of any statis related adverse events.

for aligns and symptoms of any static relations deviewe events.

In a healthy valenter cross-over study (64-10), coordinaistration of a single 20 mg dose of simuestatin at the end of a 14 day regimes with 120 mg BID distance Extended-Release mouther in a 5-fold increase in many stressession ALD cervals erimentating since. Solipicious tells increased entering steady-state responses of distances schowed a greater told increase in simuestatin ALD care to present told increase in simuestatine and greater told increase in simuestatine and of different and of different and consideration and of different and consideration and consideration and different and

in a ten-subject rendomizati, open fabel. 4-way crose over study, co-administration of dilitazem (120 mg lad, dilitizam SS for 2 weeks) with despit 20 mg does of locatation resulted in S- to 4-told increase in result constant ALC and Co., wereas locatation alcon, a less assess study, then was no significant change in 20 mg earlier does preventatin ALC and Co., disting diffezem co- administration. Diffecem plasma levels were not significantly affected by locatation or preventation.

Carrisoppesses. Multinomesis. Immirment of Farillity
A 24-month study in ratis and a 27-month study in mice showed no evidence of carcinogenicity. There was also
no multigenic response in in vitro besterial lessis. No intrinsic effect on fartility was observed in ratis.

Prognancy Pinsouric:
Reproduction studies have been conducted in mice, rate, and rabbits. Administration of does ranging from five to the times greater (on a replix bess) been the delily recommended therapeutic does have resulted in enhyco and stellar list-listly. There does, in some studies, have been reported to cause stellar being a listly posterated studies, there was some reduction in early individual pay weights and survival rates. There was an increased incidence of stellar that studies, there the human often or greater.

There are no well controlled studies in pregnant women; therefore, use dilitization hydrochloride in pregnant women only if the potential benefit justifies the potential risk to the fatus.

Stanting Monthurs
Different is successed in become with. One report suggests that concentrations in breast with may supercolonals assume treats. If use of different hydrochlands is deemed essential, an alternative method of infant feeding should be indistinct.

Pediatric Lise Salety and offe ess in pediatric patients have not been established.

Gartains: Use
Clinical studies of differently from younger subjects. Other reported clinical experience has not liver to determine
whether they respond differently from younger subjects. Other reported clinical experience has not identified
differences in responses between the didnity and younger subjects. In general, does selection for an elderly
patient should be caudious, usually starting at the low end of the deuter gange, reflecting the greater requency of
decreased happine, result, or cardiac function, and or concomitant disease or other drug through.

AdVERSE REACTIONS
Serious privates mactions have been rare in studies carried out to date, but it should be recognized that patients with impaired ventricator function and cardiac conduction almormatibes have wouldy been excluded from these

shades. The adverse events described below represent events observed in clinical studies of hyperiensive patients reactiving other diffezen hyperochloride studies or Diffezen hyperochloride between Capsules, so, well as experiences observed in studies of engine and during manifelating. The most common events in hyperiensical studies are shown in a stable with raise in placebo patients shown for comparison. Less common events are listed by body system; these includes are yelevane reactions seen in angine studies. In all hypertensive greaters studied (over 900), the most common events developed and (%%), discribed (%%), alloss they-charted (%%), discribed (%%), alloss they-charted (%%), discribed (%%), discribe

| Adverse                | DRSazom<br>N = 315<br>8 pts (%) | Plecabe<br>N = 211<br>9 pts (%) |  |
|------------------------|---------------------------------|---------------------------------|--|
| Headache               | 38 (12%)                        | 17 (8%)                         |  |
| AV block first degree  | 24 (7.6%)                       | 4 (1.9%)                        |  |
| Dizziness              | 22 (7%)                         | 6 (2.8%)                        |  |
| Edema                  | 19 (6%)                         | 2 (0.9%)                        |  |
| Bradycardia            | 19 (6%)                         | 3 (1.4%)                        |  |
| ECG abnormality        | 13 (4.1%)                       | 3 (1.4%)                        |  |
| Asthenia               | 10 (3.2%)                       | 1 (0.5%)                        |  |
| Constipation           | 5 (1.5%)                        | 2 (0,9%)                        |  |
| Dyspepsia              | 4 (1.3%)                        | 1 (0.5%)                        |  |
| Mauroca                | 4 (1.3%)                        | 2 (0.9%)                        |  |
| Palpitations           | 4 (1.3%)                        | 2 (0.9%)                        |  |
| Polyuria               | 4 (1.3%)                        | 2 (0.9%)                        |  |
| Somnolence             | 4 (1.3%)                        | _                               |  |
| Alk phos increase      | 3 (1%)                          | 1 (0,5%)                        |  |
| Hypotension            | 3 (1%)                          | 1 (0.5%)                        |  |
| Insomnia               | 3 (1%)                          | 1 (0.5%)                        |  |
| Rash                   | 3 (1%)                          | 1 (0.5%)                        |  |
| AV block second degree | 2 (0.8%)                        | _                               |  |

In addition, the following events were reported infrequently (less than 1%) with Dilletzern Hydrochloride Extended-Release Capsules or dilletzern hydrochloride tablets or have been observed in angine or hypertension

Cardisvessilar: Angina, arrhythmia, second- or third-disgree AV block (see Conduction Warning), bundle branch block, congestive heart failure, systops, sachycardia, sentricular extrasystoles.

Barvess System: Absormal dreams, ameriala, dispression, gait absormality, halluchations, nervousness, parestitedas, partonality change, trenor.

Gustreintestimat: Angesda, diarrhea, dry mouth, dysgeusia, mild elevations of SGOT, SGPT, and LDH (see Hapatic Warmings), thirst, vomiting, weight increase.

legical: Petechine, photosenallivity, pruntus, unitcaria.

Other: Amblyopia, CPK increase, dyapnes, episteds, eye inflation, hyperglycamia, hyperaricamia, impotence, muscle cramps, nasal congestion, nocturia, osteosrficular pain, secual difficulties, tinetius.

musica crampa, seat conjection, nocuma, oscinary case parts provide infraquently in patients recaiving diffazeam the following post-mularising exercists have been reported infraquently in patients recaiving diffazeam hydrochloride: acute generalized examinations pushfoliats, allergic reactions, disposic, anglocetima (including tacted or perioritide delmai), asystoles, explorers antiditrone (including Stevensi-Johnson Syndroms, todic systemsi necorbyals), extragramated synapsiss, gingvia hyperplasiat, hemolytic samina, increased bleeding time, lestacquisis, photoseastivity (including licitantial instruction and hyperplanetal net sur-exposed stime areas), purpure, reinregalized, in registrone, disposition of the law to the construction of areas, purpure, reinregalized as lautocytication cause (like in addition, overtis such as myocardiol infarction have really assessed as a more construction of the construc

baen observed which are not readily distinguishable from the natural history of the disease in these palient definitive cause and effect relationship between these events and difficate hydrochloride therapy cannot ye established. Exfoliative dermettilis (proven by rechallenge) has also been reported.

OVERDOSAGE
The oral Libes in mice and rate range from 415 to 740 mg/kg, and from 580 to 810 mg/kg, respectively. The intrinvenous Libes in these species were 60 and 39 mg/kg, respectively. The oral Libe in dogs is considered to be in excess of 50 mg/kg, within fairfully was seen in monthly at 350 mg/kg.

The toxic does in man is not known. Due to extensive metabolism, blood levels within a standard dose of difficient can vary over ventod, limiting the seanthness of blood levels in overstoon cases.

There have been reports of diffinizem oversions in doses ranging from 1 g to 18 g. Of cases with known outcome, most patients recovered and in cases with a fatal outcome, the majority involved multiple drug legistion.

breat observed following diffication overfices included branky-profession, been block, and cardiac failure. Most reports of evertices described some supportive medical measure and/or drug treatment. Braycardial requestly responded soverous expertive medical measure and/or drug treatment. Braycardial requestly responded soverously to stroping, as did these totac, dishough carding caching was also impoundly utilized to treat heart block. Fluids and vesopressors were used to maintain blood pressure and in cases of cardials failure inchroging capies were administered in addition, come patients received treatment with verifilatory support, gastric levings, activited charcoal, and/or intravenous calcium.

The effectiveness of intrinvenous calcium administration to reverse the pharmacological effects of diffusion overloss has been inconsistent. In a few reported cases, overloss with calcium dament blockers associated with hypothesis and beaptycards that these linitiality refrictory to attropine became more responsive to arrophes with hypothesis and partiess recorded intrinvenous calcium. In some cases, intrinvenous calcium has been administered at report of the partiess records of a gradual place of a gr

or repermanental. In the event of overdosage or exaggerated response, appropriate supportive measures should be employed in addition to quastrointestimal decontamination. Diffusion middless not appear to be removed by partitional or hemodalitysis. Limited data suppared that plasmaphrenists or chanced inheroparticion may hasten discuss elimination following overdosa, flusion on the longest planmacological effects of diffusions environmental planmacological effects of diffusions environ experiences the following measurements but following measurements are followed in the contraction of the contraction o

Bredycardia: Administer stropine (0.6 to 1 mg). If there is no response to vegal blockede, administer improblement cardiously.

Migh-Bayese AV Bleeft: Treat as for bradycardia above. Food high degree AV block should be treated with cardiac pacing.

Cardine Follow: Administer Instructe agents (isconstruend, decembe, or debutamine) and diuretics. ssion: Vasopressors (e.g., dopamine or norapinephrine bitartrate).

Actual treatment and dosage should depend on the severity of the clinical situation and the judgment and experience of the treating physician.

## DOSAGE AND ADMINISTRATION

Descript must be adjusted to each patient's needs, starting with 60 to 120 mg twice daily. Max entityperinaries effect is usually observed by 14 days of chronic therapy; therefore, dosage adjustments is be acheduled accordingly. Although individual patients may respond to lower doses, the usual optimum of range in clinical triels was 240 to 350 mg/day.

Dilitazem Hydrochloride Estended-Release Capaules have an additive antihyperiensive effect when used with other antihyperiensive effect when used with other antihyperiensive effect when used with the concomitant antihyperiensies are my need to be adjusted when adding one to the other. See <u>MARRINGS</u> and <u>PRECAUTIONS</u> regarding use with bata-blockers.

## HOW SUPPLIED

| Dittinzem Hydrechteride Extended-Ralease Capazine, USP |  |              |   |  |
|--|--|--------------|---|--|
| Strength   | Quantity   | NDC Number   | Description   |  |
| 60 mg  | Bottles of<br>100 with<br>child-resistant<br>closure | 68482-850-01 | The 60 mg capsules are hard shell galetin capsules with a dark pink opeque cap and a white opeque body, lamprinted with "\" on the cap and "689" on the body with black init, rilled with white to off-white pellets. |  |
| 90 mg  | Bottles of<br>100 with<br>child-resistant<br>closure | 68462-851-01 | The 90 mg capsules are hard shell gelatin capsules with a dark pink opeque cap and a yellow opeque body, imprinted with """ on the cap and "688" on the body with black ink, filled with white to off-white pellets.  |  |
| 120 mg   | Bottles of<br>100 with<br>child-resistant<br>closure | 68482-562-01 | The 120 mg capsules are hard shall goldlin capsules with a dark pink opaque cap and a dark pink opaque body, imprinted with "Y" on the cap and "562" on the body with half left with within a nit-shift in life.      |  |

Store at 20°C to 25°C (66°F to 77°F); excursions permitted to 15°C to 30°C (99°F to 86°F) (see USP Controlled Room Temperature). Avoid accessive humidity.

Dispense in a tight, light-resistant container as defined in the USP using a child-resistant closure

Glenmark Pharmaceuticals Limited Pthampur, Madhya Pradesh 454775, India

Manufactured for:



Glesmark Pharmaceuticale Inc., USA Marunh, RJ 07430

Questions? 1 (888) 721-7115 www.glenmaripharma-us.com

Revision No. 1 Ravisad: January 2021

May Digitally algunal by Breedlove Base 2021.01.15

Carole Digitally signed by Carole Capella 12:55:30 -05:00

Kristin Digitally signed by Kristin Distefan Oistefano Oiste: 2021.01.19 08:30:58 -05'00'

200 mm

| GLENMARK PHARMACEUTICALS LTD.  | DATE: 15.01.2021 | PANTONE SHADE NO; Black  |  |
|--|------------------|--|--|
| PRODUCT NAME: Dilitiazem SR caps US ITEM CODE: PES8007 VERSION: 0121-1 | PKG. DEV.:       | Item cade, Version, Consistency<br>of Design, overprint area, Pack-<br>size, Dimensions & Layout |  |
| PHARMACODE: NA BARCODE: 58007  | RA               | Regulatory Text  |  |
| COUNTRY: US  | PRODUCTION:      | Machine Sultability  |  |
| LOCATION: Indore PACK: 33 x 32 mm                                      | QA:              | Entire Titus   |  |
| ACTUAL SIZE: 325 x 200 mm  | REMARKS: NA      |  |  |
| SPECIFICATION: 60 Gsm Maplitho Paper                                   |                  | FCPDC001/01.0  |  |

Temple Packaging Pvt. Ltd. Font; Helvetica condensed Size: 6 pt

Sap code: 40100011840 File: 65464 Ver: 03



# MARKET WITHDRAWAL RETURN RESPONSE FORM DILTIAZEM HYDROCHLORIDE EXTENDED RELEASE CAPSULES 60 mg and 90 mg (NDC 68462-850-01- 60 mg; 68462-851-01- 90 mg) Wholesale Level 5/2/2024

**Please fill out this form completely.** By doing so, this will acknowledge that you have read andunderstand the withdrawal instructions and have taken the appropriate action.

| Customer Name:  | DEA#:  |                                     |                       |
|---|--|-------------------------------------|-----------------------|
|   | DEA # is required, if it is not  | provided, the processing of your    | form will be delayed. |
| Address:  | And the second s |                                     |                       |
| City:   |  | State:                              | Zip:                  |
| Contact Name (Please Print):                            |  |                                     |                       |
| Telephone#:   | Email:   |                                     |                       |
| Contact Signature:                                      |  | Date:                               |                       |
| DEBIT MEMO# (If unsure, leave bl                        | ank):  |                                     |                       |
| Wholesaler Information if not dire                      | ectly purchased from Glenma  | ark Pharmaceuticals Inc.:           |                       |
| Wholesaler Information if not directly Wholesaler Name: | ectly purchased from Glenma  | nrk Pharmaceuticals Inc.:  DEA#:    | _                     |
|   | ectly purchased from Glenma  |                                     | Zip:                  |
| Wholesaler Name: City: have checked my stock and comm   | unicated to my customers at  | DEA#: State: the appropriate level: | Zip:                  |
| Wholesaler Name:  | unicated to my customers at received the impacted prod(Initial and date)   | DEA#: State: the appropriate level: | Zip:                  |



| Item Description  | NDC          | Lot#/ Pack Size                  | Exp. Date        | Total Full/Sealed and Partial/Open Bottle Count |
|---|--------------|----------------------------------|------------------|---|
| Diltiazem Hydrochloride<br>Extended Release capsules 60<br>mg | 68462-850-01 | 17231080/100's<br>Pack Container | April-2025       |   |
| Diltiazem Hydrochloride<br>Extended Release capsules 90<br>mg | 68462-851-01 | 17240362/100's<br>Pack Container | January-<br>2026 |   |

If you have any questions regarding this form or product return please contact Inmar at 877-851-8141 Office hours 9am to 5pm EST Mon thru Fri.

Please fax this form to: 817-868-5362 or E-mail rxrecalls@inmar.com

Market Withdrawal Event ID N131164 RCL115-24