### USE IN PREGNANCY

When used in pregnancy during the second and third trimesters, ACE inhibitors can cause injury and even death to the developing fetus. When pregnancy is detected, uniretic® should be discontinued as soon as possible. See WARNINGS, Fetal/Neonatal Morbidity and Mortality.

DESCRIPTION
uniretic® (moexipril hydrochloride/hydrochlorothiazide) is a combination of a
angiotensin-converting enzyme (ACE) inhibitor, moexipril hydrochloride, and i
diuretic, hydrochlorothiazide. Moexipril hydrochloride is a fine white to off-white
powder. It is soubtle (about 10% weight-to-volume) in distilled water at room tem
perature. It has the empirical formula C2-H<sub>3</sub>N-D2-+HOI and a molecular weight of
\$55.04. It is chemically described as [352-[47](\*R)]]art]]=2[[1-[1-[incyarchoryi)]
3-phenyl-propyllaminol-1-oxopropyl-1-2.3-4-tetrahydro-6.7-dimethoxy-3-isoquino
ilinecarboxylic acid, monthydrochloride. Mexpin ilydrochloride is a non-sulffydry
containing precursor of the active ACE inhibitor moexiprilat and its structural for
mula is:

Hydrochlorothiazide is a white, or practically white, crystalline powder. It is sligh ly soluble in water, freely soluble in sodium hydroxide solution, in robutylamine an in dimethylformamide. Hydrochlorothiazide has the empirical formul CH=G(NIsQiS<sub>2</sub> and a molecular weight of 297.75. It is chemically described as 2P 1,2,4-Benzothiadiazine-7-sulfonamide, 6-chloro-3,4-dhlydro-1,1-dioxide Hydrochlorothiazide is a thiazide diuretic and its structural formula is:

uniretic® is available for oral administration in three tablet strengths. The inactive ingredients in all strengths are lactose, magnesium oxide, crospovidone, magnesium stearate and gelatin. The film coating in all strengths contains hydroxypropy cellulose, hypromellose, polyethylene glycol 6000, magnesium stearate and titanium dioxide. In addition, the film coating for uniretic® 7.5 mg / 12.5 mg and uniretic® 15 mg / 25 mg contains ferric oxide.

### CLINICAL PHARMACOLOGY

## Mechanism of Action

2459F

uniretic® tablets

7.5 mg / 12.5 mg

15 mg / 12.5 mg 15 mg / 25 mg

PC2459F

### Moexipril Hydrochloride

Moexipril hydrochloride is a prodrug for moexiprilat, which inhibits ACE in humans and animals. The mechanism through which moexiprilat lowers blood pressure is believed in the primarily inhibition of ACE activity. ACE is a peptifyd (ippelition of ACE activity. ACE is a peptifyd (ippelition of ACE activity. ACE is a peptifyd into the vasconstrictor substance angiotensin III. Angiotensin II is a potent peripheral vasconstrictor substance angiotensin III. Angiotensin II is a potent peripheral vasconstrictor that also stimulates aldosterone secretion by the adrenal cortex and provides negative feedback on renin secretion. ACE is identical to kininase II, an enzyme that degrades bradykinin, an endothelium-dependent vasodilator. Moexiprilat is about 1000 times as potent as moexipril in inhibiting ACE and kininase II. Inhibition of ACE results in decreased angiotensin II formation, leading to decreased vasoconstriction, increased plasma renin activity, and decreased aldosterone secretion. The latter results in diuresis and natriuresis and a small increase in serum potassium concentration (mean increases of about 0.25 mEq/L were seen when moexipril was used alone).

were seen when moexipril was used alone). Whether increased levels of bradykinin, a potent vasodepressor peptide, play a role in the therapeutic effects of moexipril remains to be elucidated. Although the principal mechanism of moexipril in blood pressure reduction is believed to be through the renin-anjoitensin-aldosterone system, ACE inhibitors have some effect on blood pressure even in apparent low-renin hypertension. As is the case with other ACE inhibitors, however, the antihypertensive effect of moexipril is smaller in black patients, a predominantly low-renin population, than in nonblack hypertensive patients. Although moexipril monotherapy alposans to be independent of race.

Hydrochrorbinazioe is a thiazide diuretic and antihypertensive. Thiazides affect the distal renal tubular mechanisms of electrolyte reabsorption, directly increasing excretion of sodium and chloride in approximately equivalent amounts, Indirectly, the diuretic action of hydrochlorothiazide reduces plasma volume, with consequent increases in plasma renin activity, increases in aldosterone secretion, increases in urinary potassium loss, and decreases in serum potassium. The renin-aldosterone link is mediated by angloresin, so coadministration of an ACE inhibitor tends to reverse the potassium loss associated with these mechanisms of the antihypertensive effect of thiazides is unknewn.

## Pharmacokinetics

# Moexipril-Hydrochlorothiazide

Mexipii-Hydrochlorothiazide Following oral administration of uniretie<sup>®</sup>, the moexipril peak plasma concentration was reached within 0.8 hour and the peak plasma concentration of moexipritic cocurred 1.6 hours after administration. After reaching the peak plasma (C<sub>max</sub>), moexiprilat plasma concentrations decreased biphasically. After administration of uniretie<sup>®</sup>, renel exercision of unchanged hydrochlorothiazide is about 60% in 24 hours. The pharmacokinetics of moexipril and hydrochlorothiazide after administration of uniretie<sup>®</sup> are not different, respectively, from the pharmacokinetics of moexipril and hydrochlorothiazide after administration of uniretie<sup>®</sup> are not different, respectively, from the pharmacokinetics of moexipril and hydrochlorothiazide from immediate-release monotherapy formulations.

## Moexipril Hydrochloride

Moexiprii's antihypertensive activity is almost entirely due to its deesterified metabolite, moexiprilat. Bioavailability of oral moexipril is about 13% compared to intravenous (I.V) moexipril (both measuring the metabolite moexiprilat), and is markedly affected by food, which reduces C<sub>max</sub> and AUC (see Absorption). Moexipril should therefore be taken in a fasting state. The time of peak plasma concentration (T<sub>max</sub>) of moexiprilat is about 11°, hours and elimination half-life (t<sub>1x</sub>) is estimated at 2 to 9 hours in various studies, the variability reflecting a complex elimination pattern that is not simply exponential. Like all ACE inhibitors, moexiprilat has a prolonged terminal elimination phase, presumably reflecting slow release of drug bound to the ACE. Accumulation of moexiprilat with repeated dosing is minimal, about 30%, compatible with a functional elimination t<sub>1x</sub> of about 12 hours. Over the dose range of 7.5 to 30 mg, pharmacokinetics are approximately dose proportional. intravenous (I.V.) moexipril (both measuring the metabolite moexiprilat), and is

oose proportional. Absorption: Meexipril is incompletely absorbed, with bioavailability as moexiprilat of about 13%. Bioavailability varies with formulation and food intake which reduces Cmax and AUC of meexiprilat by about 70% and 40% respectively after the inges-tion of a low-fat breakfast or by 80% and 50% respectively after the ingestion of a high-fat breakfast.

Distribution: The clearance (CL) for moexipril is 441 mL/min and for moexiprila 232 mL/min with a  $t_{1/2}$  of 1.3 and 9.8 hours, respectively. Moexiprilat is about 50% protein bound. The volume of distribution of moexiprilat is about 2.8 L/kg.

protein bound. The volume of distribution of moexiprital is about 2.8 L/kg. Metabolism and Excretion: Moexipril is relatively rapidly converted to its active metabolite moexiprilat, but persists longer than some other ACE inhibitor pro-furgs, such that its 1½, is over one hour and it has a significant AUC. Both moex-ipril and moexiprilat are converted to diketopiperazine derivatives and unidentified metabolites. After I.V. administration of moexipril, about 40% of the dose appears in urine as moexiprilat, about 25% as moexipril, with small amounts of the metabo-lities; about 20% of the I.V. does appears in feces, principally as moexiprilat, about 15% as other metabolites. Fifty-two percent of the dose is recovered in feces as moexiprilat and 1% as moexipril.

# Special Populations:

Decreased Renal Function: The effective elimination  $t_{V_2}$  and AUC of both moexipril and moexiprilat are increased with decreasing renal function. There is insufficient information available to characterize this relationship fully, but at creatinine clearances in the range of 10 to 40 mL/min, the  $t_{V_2}$  of moexiprilat is increased by a factor of 3 to 4.

Decreased Hepatic Function: In patients with mild to moderate cirrhosis given sin

gle 15 mg doses of moexipril, the  $C_{\rm max}$  of moexipril was increased by about 50% and the AUC increased by about 120%, while the  $C_{\rm max}$  for moexiprilat was decreased by about 50% and the AUC increased by almost 300%.

teleleased by authors 30% and the Ado Inteleased by airrises 300%. Elderly Patients: In elderly male subjects (65-80 years old) with clinically normal renal and hepatic function, the AUC and C<sub>max</sub> of moexiprilat are about 30% greater than in younger subjects (19-42 years old).

Pharmacokinetic Interactions With Other Drugs: No clinically important pharmaokinetic interactions occurred when moexipril was administered concomitantly with hydrochlorothiazide, digoxin, or cimetidine.

### Hydrochlorothiazide

Absorption: After oral administration, 60-80% of a single dose of hydrochlorothiazide is absorbed. The reported studies of food effects on hydrochlorothiazide absorption have been inconclusive. The absorption of hydrochlorothiazide is reported to be reduced by 50% in patients with congestive heart failure. Hydrochlorothiazide exhibits dose proportionality over the dose range of 12.5 to

Distribution: The apparent volume of distribution has been observed to vary between 1.5-4.2 L/kg. Hydrochlorothiazide accumulates in red blood cells, so that whole blood levels are higher than those measured in plasma. Equilibrium between whole blood levels and plasma levels is reached 4 hours after oral administration. Hydrochlorothiazide crosses the placental barrier. Hydrochlorothiazide has a protein binding of 21-24%.

Metabolism and Excercion: Hydrochlorothiazide is not metabolized. Hydrochlorothiazide is eliminated rapidly by the kidney, More than 60 percent of the oral dose is eliminated unchanaged within 24 hours. When plasma levels have been followed for at least 24 hours, the plasma half-life has been observed to vary between 5.6 and 14.8 hours. The renal clearance has been observed to vary between 5.1-5.5 mL/min/kg.

### Special Populations

Decreased Renal Function: In a study of patients with impaired renal function (mean creatinine clearance of 19 mL/min), the elimination half-life of hydrochlorothiazide was increased to 21 hours.

Pharmacokinetic Interactions With Other Drugs: Coadministration of propanthe-line or guanabenz increased the absorption of hydrochlorothiazide and coadmin-istration of cholestyramine or colestipol decreased the absorption of hydrochlorothiazide

## Pharmacodynamics and Clinical Effect

### Moexinril - Hydrochlorothiazide

Moexipni - hydrochiorotiniazide in unirelite<sup>8</sup> cilinical trialis using moexipril doses of 3.75-30 mg and hydrochloro-thiazide doses of 3.125-50 mg, the antihypertensive effects were sustained for at least 24 hours and they increased with increasing dose of either component. The extent of blood pressure reduction seen with unirelite<sup>8</sup> was approximately additive as compared to monotherapy of each component. The antihypertensive effects of uniretic® continue during therapy for up to 24 months. The effectiveness of uniretic® was not significantly influenced by patient age or gender. Although moexipril monotherapy is less effective in blacks than in nonblacks, the efficacy of uniretic® appears to be independent of race.

eupurats to be independent of race. By blocking the renin-angiotensin-aldosterone axis, administration of moexipril tends to reduce the potassium loss associated with hydrochlorothiazide. In unireticit controlled clinical trials, the average change in serum potassium was near zero in subjects who received 3.75 mg / 6.25 mg or 7.5 mg / 12.5 mg, but subjects who received 15 mg / 12.5 mg or 15 mg / 25 mg experienced a mild decrease in serum potassium, similar to that experienced by subjects who received the same dose of hydrochlorothiazide monotherapy.

## Moexinril Hydrochloride

INCOMPTH NUTCHIONICE
Student and multiple doses of 15 mg or more of moexipril give sustained inhibition of plasma ACE activity of 80-90%, beginning within 2 hours and lasting 24 hours (80%).

In controlled trials, the peak effects of orally administered moexipril increased with in controlled trials, the peak effects or oranij administrated moexpir increased with the dose administered over a dose range of 7.5 to 60 mg, given once a day. Antihypertensive effects were first detectable about 1 hour after dosing, with a peak effect between 3 and 6 hours after dosing. Just before dosing (i.e., at trough), the antihypertensive effects were less prominently related to dose and the antihy-pertensive effect tended to diminish during the 24-hour dosing interval when the drug was administered once a day.

in multiple-dose studies in the dose range of 7.5 to 30 mg once daily, moexipril lowered sitting blood pressure at trough by 4-11/3-6 mmHg more than placebo, a tendency toward increased response with higher doses. These effects are typical of ACE inhibitors; there are no trials of adequate size comparing moexipril with other antihypertensive agents.

Higher doses of moexipril generally leave a greater fraction of the peak blood pressure effect still present at trough. During dose titration, any decision as to the adequacy of a dosing regimen should be based on trough blood pressure measurements. If diastolic blood pressure control is not adequate at the end of the dos-

trentens. It dissolves book present control is not adequate at the end of interest ing interval, the dose can be increased or given as a divided (BID) regimen.

During chronic therapy, the antihypertensive effect of any dose of moexipril is generally evident within 2 weeks of treatment, with maximal reduction after 4 weeks. The antihypertensive effects of moexipril have been proven to continue during therapy for up to 24 months.

Moexipril, like other ACE inhibitors, is less effective in decreasing trough blood pressures in blacks than in nonblacks. Placebo-corrected trough group diastolic blood pressure effects in blacks in the proposed dose range were +1 to -3 mmHg compared with responses in nonblacks of -4 to -6 mmHg.

The effectiveness of moexipril was not significantly influenced by patient age, gender, or weight. Moexipril has been shown to have antihypertensive activity in both pre- and postmenopausal women who have participated in placebo-controlled clinical trials.

## INDICATIONS AND USAGE

INDICATIONS AND USAGE uniretic® is indicated for treatment of patients with hypertension. This fixed combination is not indicated for the initial therapy of hypertension (see DOSAGE AND ADMINISTRATION).

In using uniretic<sup>®</sup>, consideration should be given to the fact that another ACE inhibitor, captopil, has caused agranulocytosis, particularly in patients with renal impairment or collagen-vascular disease. Available data are insufficient to show that uniretic<sup>®</sup> does not have a similar risk (see WARNINGS, Neutropenial, Agranulocytosis). In addition, ACE inhibitors, for which adequate data are available, cause a higher rate of angioedema in black than in nonblack patients (see WARNINGS, Angioedema).

# CONTRAINDICATIONS

CONTRAINDICATIONS unirelife in patients who are hypersensitive to any component of this product and in patients with a history of angioedema related to previous treatment with an ACE inhibitor. Because of the hydrochlorabizede component, this product is contraindicated in patients with anuria or hypersensitivity to other sulfnamide-derived drugs. Hypersensitivity reactions are more likely to occur in patients with a history of allergy or bronchial asthma.

WARNINGS

Anaphylactoid and Possibly Related Reactions

Presumably because angiotensin-converting enzyme inhibitors affect the metabolism or decosanoids and polypeptides, including endogenous bradykinin, patients receiving ACE inhibitors, including uniretie<sup>7</sup>, may be subject to a variety of adverse reactions, some of them serious.

Head and Neck Angioedema: Angioedema involving the face, extremities, lips, tongue, glottis, and/or larynx has been reported in patients treated with ACE inhibitors, including moexpin! Symptoms suggestive of angioedema or facial edema occurred in -0.5% of moexipni-treated patients in placebo-controlled trials. None of the cases were considered life-threatening and all resolved either without treatment or with medication (antihistamines or glucocorticoids). One patient treat-ed with hydrochrothiazide alone experienced laryngeal edema. No instances of angioedema were reported in placebo-treated patients in cases of angioedema, treatment with uniretie<sup>8</sup> should be promptly discontinued.

In cases of angioedema, treatment with uniretic® should be promptly discontinued and the patient carefully observed until the swelling disappears. In instances where swelling has been confined to the face and lips, the condition has generally resolved without treatment, although antihistamines have been useful in reliev-

ma associated with involvement of the tongue, glottis, or larvnx may be fatal due to airway obstruction. Appropriate therapy, e.g., subcutaneous epinephrine solution 1:1000 (0.3 to 0.5 mL) and/or measures to ensure a patent airway, should be promptly provided (see ADVERSE REAC-TIONS).

Intestinal Angioedema: Intestinal angioedema has been reported in patients treated with ACE inhibitors. These patients presented with abdominal pain (with or without nausea or vomiting); in some cases there was no prior history of facial angioedema and C-1 esterase levels were normal. The angioedema was diagnosed by procedures including abdominal CT scan or ultrasound, or at surgery, and symptoms resolved after stopping the ACE inhibitor. Intestinal angioedema should be included in the differential diagnosis of patients on ACE inhibitors presenting with abdominal pain.

Anaphylactoid Reactions During Desensitization: Two patients undergoing Anaphylactur nearthin bulling bearshing the receiving ACE inhibitors desensitizing treatment with hymenoptera venom while receiving ACE inhibitors sustained life-threatening anaphylactoid reactions. In the same patients, these reactions did not occur when ACE inhibitors were temporarily withheld, but they reappeared when the ACE inhibitors were inadvertently readministered.

Anaphylactoid Reactions During Membrane Exposure: Anaphylactoid reac-tions have been reported in patients dialyzed with high-flux membranes and treat-ed concomitantly with an ACE inhibitor. Anaphylactiod reactions have also been reported in patients undergoing low-density lipoprotein apheresis with dextran sul-tets observations.

Hypotension uniretic® can cause symptomatic hypotension, although, as with other ACE inhibitions and the uncomplicated hypotensive patients treated with uniretic® alone. Symptomatic hypotension is most likely to occur in patients who have been salt- and/or volume-depleted as a result of prolonged diuretic therapy, dietary salt restriction, dialysis, diarrhea, or vomiting. Volume- and/or salt-depletion should be corrected before initiating therapy with uniretic® (see ADVERSE REACTIONS). The thiazide component of uniretic® may potentiate the action of other antihyper-

tensive drugs, especially ganglionic or peripheral adrenergic-blocking drugs. The antihypertensive effects of the thiazide component may also be enhanced in the postsympathectomy patient.

In patients with congestive heart failure, with or without associated renal insufficiency, ACE inhibitor therapy may cause excessive hypotension, which may be ciency. Art. Eminolitor Interlapy may clause excessive hypotension, with acute renal fail-ure and cause with oliguria or progressive azotemia, and rarely, with acute renal fail-ure and death. In the patients, unirelicit "berrapy should be started under close medical supervision, and patients should be followed closely for the first two weeks of treatment should whenever the dose of unirelicity is increased. Care in avoid-ing hypotensions should also be taken in patients with ischemical theat disease, audi-tic stenosis, or cerebrovascular disease, in whom an excessive successed in the pressure could result in a myocardial infaction or a cerebrovascular ascellen.

If hypotension occurs, the patient should be placed in a supine position and, if necessary, treated with an intravenous infusion of normal saline. uniretic® treatment usually can be continued following restoration of blood pressure and volume.

### Impaired Renal Function

uniretic® should be used with caution in patients with severe renal disease. Thiazide diuretics may precipitate azotemia in such patients and the effects of repeated dosing may be cumulative.

As a consequence of inhibition of the renin-angiotensin-aldosterone system. changes in renal function may be anticipated in susceptible individuals. There is no clinical experience of uniretic® in the treatment of hypertension in patients with

Some hypertensive patients with no apparent preexisting renal vascular disease Some hypertensive patients with no apparent prevensiting renal vascular disease, have developed increases in blood urea nitrogen and serum creatinine, usually minor and transient, especially when moexipril has been given concomitantly with a thiazide diurelic. This is more likely to occur in patients with preexisting renal impairment. There may be a need for dose adjustment of uniretic<sup>®</sup>. Evaluation of hypertensive patients should always include assessment of renal function (see DOSAGE AND ADMINISTRATION).

In hypertensive patients with severe congestive heart failure, whose renal function may depend on the activity of the renin-angiotensin-aldosterone system, treatment with ACE inhibitors, including mexpiril, may be associated with oliguria and/or progressive azotemia and, rarely, acute renal failure and/or death.

In hypertensive patients with unilateral or bilateral renal artery stenosis, increases in blood urea nitrogen and serum creatinine have been observed in some patients following ACE inhibitor therapy. These increases were almost always reversible upon discontinuation of the ACE inhibitor and/or diuretic therapy, in such patients, renal function should be monitored during the first few weeks of therapy.

# Neutropenia/Agranulocytosis

Neutropenia/Agranulocytosis

Another ACE inhibitor, captopril, has been shown to cause agranulocytosis and bone marrow depression, rarely in patients with uncomplicated hypertension, but more frequently in hypertension but with renal impairment, especially if they also have a collagen-vascular disease such as systemic lupus erythematosus or solenderma. Although there were no instances of severe neutropenia (absolute neutropic licunt c500mm²) among patients given moexipril, as with other ACE inhibitors, monitoring of while blood cell counts should be considered for patients who have collagen-vascular disease, especially if the disease is associated with impaired renal function. Available data from clinical trials of moexicril are insufficient to show that moexipril does not cause agranulocytosis at rates similar to cap-

Fetal/Neonatal Morbidity and Mortality
ACE inhibitors can cause fetal and neonatal morbidity and death when administered to pregnant women. Several dozen cases have been reported in the world literature. When pregnancy is detected, ACE inhibitors should be discontinued as soon as possible

soon as possible. The use of ACE inhibitors during the second and third trimesters of pregnancy has been associated with fetal and neonatal injury, including hypotension, neonatal skull hypoplasia, anuria, reversible or irreversible renal failure, and death. Oligohydramnios has also been reported, presumably resulting from decreased fetal renal function; oligohydramnios in this setting has been associated with etal limb contractures, cranidacial deformation, and hypoplastic lung development. Prematurity, intrauterine growth retardation, and patent ductus arterious have also been reported, although it is not clear whether these were caused by the ACE inhibitor verported. also been reported inhibitor exposure.

Fetal and neonatal morbidity do not appear to have resulted from intrauterine ACE inhibitor exposure limited to the first trimester. Mothers who have used ACE inhibitors only during the first trimester should be informed of this. Nonetheless, when patients become pregnant, physicians should make every effort to discontinue the use of uniretic® as soon as possible.

Rarely (probably less often than once in every thousand pregnancies), no alternative to ACE inhibitors will be found. In these rare cases, the mothers should be apprised of the potential hazards to their fetuses, and seri

tions should be discovered to see the second of the second

Infants with histories of in utero exposure to ACE inhibitors should be closely Infants with histories of in utero exposure to ACE inhibitors should be closely observed for hypotension, oliguria, and hyperkalemia. It oliguria occurs, attention should be directed toward support of blood pressure and renal perfusion. Exchange transtusion or peritoneal dialysis may be required as means of reversing hypotension and/or substituting for disordered renal function. Theoretically, the ACE inhibitor could be removed from the neonatal circulation by exchange transfusion, but no experience with this procedure has been reported.

Intrauterine exposure to thiazide diuretics is associated with fetal or neonatal jaundice, thrombocytopenia, and possibly other adverse reactions that have occurred

Reproduction studies with the combination of moexipril hydrochloride and hydrochlorothiazide (ratio 7.5:12.5) indicated that the combination possessed no teratogenic properties up to the lethal dose of 800 mg/kg/day in rats and up to the maternotoxic dose of 160 mg/kg/day in rabbits.

## Henatic Failure

Hepatic Failure

Araely, ACE inhibitors have been associated with a syndrome that starts with cholestate jaundice and progresses to tulminant hepatic necrosis and sometimes death. The mechanism of this syndrome is not understood. Patients receiving ACE inhibitors who develop jaundice or marked elevations of hepatic enzymes should discontinue the ACE Inhibitor and receive appropriate medical follow-up.

olscommune the Auc. Iminotior and receive appropriate medical rollow-up. Impaired Hepatic Function uniretic® should be used with caution in patients with impaired hepatic function or progressive liver disease, since minor alterations of fluid and electrolyte balance may precipitate hepatic coma. In patients with mild to moderate cirrhosis given sin-gle 15 mg dosses of moexipril, the C<sub>max</sub> of moexipril was increased by about 50% and the AUC increased by about 120%, while the C<sub>max</sub> for moexiprilat was

decreased by about 50% and the AUC increased by almost 300%. No formal pharmacokinetic studies have been carried out with uniretic® in hypertensive patients with impaired liver function.

Systemic Lupus Erythematosus
Thiazide diuretics have been reported to cause exacerbation or activation of systemic lupus erythematosus.

### PRECAUTIONS

General

Serum Electrolyte Imbalances: In clinical trials with moexipril monotherapy, persistent hyperkalemia (serum potassium above 5.4 mEg/L) occurred in approximately 1.3% of hypertensive patients receiving moexipril. Risk factors for the development of hyperkalemia with ACE inhibitors include renal insufficiency, diabetes mellitus, and the concomitant use of potassium-sparing diuretics, potassium supplements, and/or potassium-containing salt substitutes.

Treatment with thiazide diuretics has been associated with hypokalemia, hyponatermia, and hypochloremic alkalosis. These disturbances sometimes manifest as one or more of the following: dryness of mouth, thirst, weakness, lethargy, drowsiness, restlessness, muscle pains or cramps, muscular fatigue, hypotension, olignia, tachycardia, nausea, and vomiting. Hypokalemia has also been reported to sensitize or exaggerate the response of the heart to the toxic effects of digitalis. The risk of hypokalemia is greatest in patients with cirrobs of the liver, in patients experiencing a brisk diuresis, in patients who are receiving inadequate oral intake of electrolytes, and in patients receiving concomitant therapy with corticosteroids or ACTH. Treatment with thiazide diuretics has been associated with hypokalemia, hypona-

The opposite effects of moexipril and hydrochlorothiazide on serum potassium will approximately counterbalance each other in many patients, so that little net effect upon serum potassium will be seen. Initial and periodic determinations of serum electrolytes to detect possible electrolyte imbalance should be performed at appro-

priate intervals.

Chloride deficits generally are mild and require specific treatment only under colloide verticals gerierally are imitial and require specimic retainment may under extraordinary forcumstances (e.g., in liver disease or renal disease). Dilutional hyponatremia may occur in edematous patients; appropriate therapy is water restriction rather than administration of salt, except in rare instances when the hyponatremia is life-threatening. In actual salt depletion, appropriate replacement is the absence of the bettern

hyponatiennia is ine-interatening, in acutal sail depiction, appropriate replacement is the therapy of choice.

Calcium excretion is reduced by thiazides. In a few patients on prolonged thiazide therapy, pathological changes in the parathyroid gland have been seen, with hyper-calcenia and hypophosphatemia. More serious complications of hyperparathyroid-ism (renal lithiasis, bone resorption, and peptic ulceration) have not been seen.

Thiazides enhance urinary excretion of magnesium and hypomagnesemia may result.

result.

Other Metabolic Disturbances: Thiazide diuretics may reduce glucose tolerance and may raise serum levels of cholesterol, triglycerides, and uric acid. These effects are usually minor, but frank goul or overt diabetes may be precipitated in susceptible patients

patients.

Surgery/Anesthesia: In patients undergoing major surgery or during anesthesia with agents that produce hypotension, moexipril may block the effects of compensatory reinin release. If hypotension occurs in this setting and is considered to be due to this mechanism, it can be corrected by volume expansion.

Cough: Presumably due to the inhibition of the degradation of endogenous brady-kinin, persistent nonproductive cough has been reported with all ACE inhibitoria dways resolving after discontinuation of therapy. ACE inhibitor-induced cough

should be considered in the differential diagnosis of cough. In placebo-controlled tri-als with uniretic®, cough was present in 3% of uniretic® patients and 1% of patients given placebo.

## Information for Patients

Food: Patients should be advised to take uniretic® one hour before a meal (see CLINICAL PHARMACOLOGY and DOSAGE AND ADMINISTRATION).

CLINICAL PHAHMACOLOGY and DUSAGE AND ADMINISTRATION).

Angloedems: Angloedema, including laryngeal edema, may occur with treatment with ACE inhibitors, usually occurring early in therapy (within the first month). Patients should be so advised and told to report immediately any signs or symptoms suggesting angioedema (swelling of the face, extremities, eyes, lips, tongue, difficulty in breathing) and to take no more drug until they have consulted with the prescribing physician.

Symptomatic Hypotension: Patients should be cautioned that lightheadedness can

Symptomatic Hypotension: Patients should be cautioned that lightheadedness can occur with united", especially during the first few days of therapy. If fainting occurs, the patient should stop taking uniretie" and consult the prescribing physician. All patients should be cautioned that excessive perspiration and dehydration may lead to an excessive fall in blood pressure because of reduction in fluid volume. Other causes of volume depletion such as vomiting or diarrhea may also lead to a fall in blood pressure; patients should be advised to consult their physician if they develon these conditions. develop these conditions.

Hyperkalemia: Patients should be told not to use potassium supplements or salt

Hyperkalemia: Patients should be told not to use potassium supplements or sait substitutes containing potassium without consulting their physician. Neutropenia: Patients should be told to report promptly any indication of infection (e.g., sore throat, fever) that could be a sign of neutropenia. Pregnancy: Female patients of childbearing age should be told about the consequences of second- and third-timester exposure to ACE inhibitor and should also be told that these consequences do not appear to have resulted from intrauterine ACE inhibitor exposure that has been limited to the first timester. Patients should be asked to report pregnancies to their physicians as soon as possible.

# Drug Interactions

Potassium Supplements and Potassium-Sparing Diuretics: As noted above (Serum Electrolyte Imbalances), the net effect of uniretic may be to elevate a patient's electrolyte Imbalances, the net effect of uniretic may be to elevate a patient's serus potassium, to reduce it, or to leave it unchanged. Potassium-sparing diuretic ici (sipironolactore, amilioride, intimetrene) or potassium supplements can increase the risk of hyperkalemia. If concomitant use of such agents is indicated, they should be given with caution, and the patient's serum potassium should be monitored.

Oral Anticoagulants: Interaction studies with warfarin failed to identify any clinically important effect of moexipril monotherapy on the serum concentrations of the anti-

important effect of moexipril monotherapy on the serum concentrations of the anti-coagulant or on its anticoagulant effect. Lithium: Increased serum lithium levels and symptoms of lithium toxicity have been reported in patients receiving ACE inhibitors during therapy with lithium. Because renal clearance of lithium is reduced by thiazides, the risk of lithium toxicity is pre-sumably raised further when, as in therapy with uniretic\*, a thiazide diuretic is coadministered with the ACE inhibitor. These drugs should be coadministered with caution, and frequent monitoring of serum lithium levels is recommended.

Alcohol, Barbiturates, or Narcotics: Potentiation of orthostatic hypotension ma occur in patients on thiazide diuretic therapy with concomitant use of alcohol, bar biturates, or narcotics.

Antidiabetic Agents: Use of thiazide diuretics concomitantly with antidiabetic agents (oral agents and insulin) may require dosage adjustment of the antidiabetic agent. Moexipril has been used in clinical trials concomitantly with oral hypoglycemic agents and there was no evidence of any clinically important adverse interactions. Cholestyramine and Colestipol Resins: Absorption of hydrochlorothiazide is impaired in the presence of anionic exchange resins. Single doses of either cholestyramine or colestipol resins bind the hydrochlorothiazide and reduce its absorption from the gastrointestinal tract by up to 85% and 43%, respectively.

Corticosteroids, ACTH: Use of thiazide diuretics concomitantly with corticosteroids or ACTH may intensify electrolyte depletion, particularly hypokalemia.

Pressor Amines: Thiazide diuretics may decrease arterial responsiveness to pres sor amines (e.g. norepinephrine), but not enough to preclude effectiveness of the pressor agent for therapeutic use.

Skeletal Muscle Relaxants, Nondepolarizing: Thiazide diuretics may increase the responsiveness to tubocurarine.

Non-steroidal Anti-inflammatory Drugs: In some patients, the administration of a non-steroidal anti-inflammatory agent can reduce the diuretic, natriuretic, and anti-hypertensive effects of loop, potassium-sparing and thiazide diuretics. Thus, when uniretic® and non-steroidal anti-inflammatory agents are used concomitantly, the patient should be observed closely to determine if the desired effect of the diuretic

Other Agents: No clinically important pharmacokinetic interactions occurred when

meexipril was administered concomitantly with digion or cimetidine.

Meexipril was administered concomitantly with digion or cimetidine.

Meexipril has been used in clinical trials concomitantly with calcium-channel-blocking agents, diuretics, H, blockers, digioxin, and cholesterol-lowering agents. There was no evidence of clinically important adverse interactions. In general, ACE inhibitors have less than additive effects with beta-adrenergic blockers, presumably because both work by inhibiting the renin-angiotensin systematical

Coadministration of propantheline or guanabenz increased the absorption of hydrochlorothiazide.

Carcinogenesis, Mutagenesis, Impairment of Fertility

## Moexipril Hydrochloride

Moexipril Hydrochloride

No evidence of carcinogenicity was detected in long-term studies when moexipril
was administered to mice and rats at doses up to 14 or 27.3 times the Maximum
Recommended Human Dose (MRHD) on a mg/m² basis. No mutagenicity was
detected in the Ames test and microbial reverse mutation assay, with and without metabolic activation, or in an in vivo nucleus anomaly test. However, increased chro metabolic activation, or in an in work nucleus anomaly test. However, increased orm mosomal abertain frequency in Chinese hamster vers. (CHO) cells was detected under metabolic activation conditions at a 20-hour harvest time. Reproduction studies have been performed in rabbits at oral doses up to 0.7 times the MHHD on a mg/m² basis, and in rats up to 9.0 times the MHHD on a mg/m² basis. No indication of impaired for fitting to 90 up times the MHHD on a mg/m² basis. No indication of impaired for this type of the top times the MHHD on a mg/m² basis. The manufacture of the manufa

tion of impaired fertility, reproductive toxicity, or teriatogenicity was observed. Hydrochlorothiazide

Under the auspices of the National Toxicology Program, rats and mice received hydrochlorothiazide in their feed for two years, at doses up to 600 mg/kg/day in mice and up to 100 mg/kg/day in rats. These studies uncovered no evidence of a carcinogenic potential of hydrochlorothiazide in rats or female mice, but there was not genotoxic in in vitro assays using strains TA 98, TA 100, TA 1536 TA 1537, and TA 1538 of Salmonella pythimurium (the Ames test); in the CHO test for chromosomal aberrations; or in in vivo assays using mouse germinal cell chromosomes Chinese harsher bone marrow chromosomes; and the Drosophila sex-linked recessive lethal trait gene. Positive test results were obtained in the in vitro CHO Sistenage (clastopenicity) test and in the Mouse Lymphoma Cell (mutagenicity) assays, using concentrations of hydrochlorothiazide of 43-1300 mcg/mth. Positive test results were also obtained in the Aspergillus includans nondisjunction assay, using an unspecified concentration of hydrochlorothiazide.

assay, using all mispecimed contentation of my procession of the design of the design

### Pregnancy

Pregnancy Categories C (first trimester) and D (second and third trimesters). See WARNINGS, Fetal/Neonatal Morbidity and Mortality.

### Nursing Mothers

rusing momers
It is not known whether moexipril or moexiprilat is excreted in human milk. Thiazides
are excreted in human milk. Because of the potential for serious adverse reactions
in runsing infants from hydrochlorothiazide and the unknown effects of moexipril or
moexiprilat in infants, a decision should be made whether to discontinue nursing
or to discontinue uniretic®, taking into account the importance of the drug to the
mother.

Pediatric Use Safety and effectiveness of uniretic® in pediatric patients have not been established.

### Geriatric Use

Of the patients who received uniretic® in controlled clinical studies, 24% were 65 years of age or older. No overall differences in effectiveness or safety were observed between these patients and younger patients. In elderly patients receiving moexipril. plasma levels of drug are slightly higher and renal clearance is reduced when com-pared to younger patients, but these effects did not have detectable consequences. Hydrochlorothiazide is known to be substantially excreted by the kidney, and the risk of toxic reactions to this drug may be greater in patients with impaired renal function. Because elderly patients are more likely to have decreased renal function, care should be taken in dose selection, and it may be useful to monitor renal function.

## ADVERSE REACTIONS

uniretic® has been evaluated for safety in more than 1140 patients with hypertenuniretice" has been evaluated for safety in more than 1140 patients with hyperten-sion with more than 120 treated for more than one year, uniretice" has not demon-strated a potential for causing adverse experiences different from those previously associated with other ACE inhibitor/diuretic combinations. The overall incidence of reported adverse events was slightly less in patients treated with uniretic" than patients treated with placebo. Adverse experiences were usually mild and transient, and there was no relationship between adverse expressionses and nexter a reas early called fails further devocate.

Adverse experiences were usually final and trainsient, and trafer was no treatment of between adverse experiences and gender, race, age, or total daily dosage (except for serum potassium decreases at 50 mg hydrochlorothiazide) within the moexipidity hydrochlorothiazide dosage range of 3.75 mg / 3.125 mg to 30 mg / 50 mg. Discontinuation of therapy due to adverse experiences was required in 5.3% of patients treated with uniretic® and in 8.4% of patients treated with placebo. The most common reasons for discontinuation of therapy with uniretic® were cough (0.5%) and distrinces (0.6%). and dizziness (0.5%).

All adverse experiences considered at least possibly related to treatment that occurred at any dose in placebo-controlled trials of once-daily dosing in more than 1% of patients treated with uniretic® and that were at least as frequent in the uniretic® group as in the placebo group are shown in the following table

# Adverse Events in Placebo-Controlled Trials

ADVERSE EVENT	<u>UNIRETIC</u> (N=506) N (%)	PLACEBO (N=202) N (%)
Cough	15 (3)	2 (1)
Dizziness	7 (1.4)	2 (1)
Fatigue	5 (1)	1 (0.5)

Other adverse experiences occurring in more than 1% of patients treated with uni-retic® in controlled or uncontrolled trials, some of which were of uncertain drug relationship, listed in decreasing frequency include: upper respiratory infection, headache, pain, flu syndrome, pharyngitis, hyperuricemia, diarrhea, back pain, rhinitis, sinusitis, abnormal ECG, infection, abdominal pain, chest pain, dyspepsia hyperglycemia, hypokalemia, rash, vertigo, nausea, hypertonia, increased SGPT, urinary tract infection, impotence, peripheral edema, pyuria, bronchitis, and fever. See WARNINGS and PRECAUTIONS for discussion of anaphylactoid reactions, angioedema, hypotension, neutropenia/agranulocytosis, fetal/neonatal morbidity and mortality, serum electrolyte imbalances, and cough. The following adverse experiences, some of which are of uncertain drug relation-

ship, were reported in uniretic® controlled or uncontrolled clinical trials in less than 1% of patients or have been attributed to other ACE inhibitors. Within each organ system, adverse experiences are listed in decreasing frequency.

system, audeurer experiences are issued in ucercaeraing requence; Cardiovascular palpitation, flushing, syncope, tachycardia, myocardial infarct, hypotension, postural phyotension, arrhythmia, first degree AV block, ventricular extrasystoles, striad fibrillation, migraine, hemorrhage, sinus bradycardia, bigeminy, bradycardia, bundle branch block, heart arrest, myocardial ischemia, peripheral vascular disorder, prolonged OZ interval, inverted T wave, ventricular fibrillation

vascular disorder, prioritiged of interval, inverted i wave, verinicular inbination). Dermatologic: eczema, pruritus, sweating, acne, dry skin, herpes simplex, contact dermatitis, herpes zoster, psoriasis, alopecia, angioedema, erythema nodosum, fungal dermatitis, furunculosis, maculopapular rash, purpuric rash, skin carcinoma, subcutaneous nodule, urticaria, pemphigus

Gastrointestinal: vomiting, constipation, gastroenteritis, periodontal abscess, cho-lelithiasis, gastritis, gingivitis, esophagitis, flatulence, anorexia, colitis, dysphagia, tooth caries, cheilitis, enteritis, eructation, gastrointestinal carcinoma, gastrointestinal hemorrhage, glossitis, increased appetite, jaundice, melena, rectal hemorrhage,

stamatilis, tongue discoloration, tongue edema

Hematologic: anemia, hypochromic anemia, leukopenia, abnormal erythrocytes, ecchymosis, lymphocytosis, hemolysis, lymphadenopathy, eosinophilia, petechia, abnormal WBC, hemolytic anemia

Metabolic: hyperlipemia, increased SGOT, gout, bilirubinemia, increased creatinine, hypercholesterolemia, increased BUN, increased CPK, diabetes mellitus, hypona-tremia, thirst, edema, increased alkaline phosphatase, increased amylase, dehydration, decreased glucose tolerance, goiter, hypercalcemia, hyperkalemia, hypocalcemia, hypochloremia, hypoproteinemia, weight gain Neurologic/Psychiatric: insomnia, postural dizziness, somnolence, dry mouth, anxi-

ety, nervousness, paresthesia, depression, neuritis, hypesthesia, decreased libido, neuralgia, amnesia, ataxia, cerebral infarct, emotional lability, facial paralysis, hypo-kinesia, neurosis, vocal cord paralysis Renal: albuminuria, urinary frequency, hematuria, glycosuria, cystitis, dysuria, nocturia, polyuria, kidney calculus, pyelonephritis, urate crystalluria, urinary casts, ur

Respiratory: epistaxis, pneumonia, dyspnea, asthma, lung carcinoma, hemoptysis, laryngitis, voice alteration, eosinophilic pneumonitis

Urogenital: vaginal hemorrhage, breast carcinoma, scrotal edema, vaginitis, breast enlargement, breast pain, dysmenorrhea, leukorrhea

Other: asthenia, conjunctivitis, myalgia, arthralgia, arthrosis, hernia, neck pain, cyst, tenosynovitis, abnormal vision, allergic reaction, arthritis, cataract, cellulitis, moni-iasis, otitis media, eye hemorrhage, chills, abscess, bursitis, deafness, ear pain, glaucoma, iritis, neck rigidity, photosensitivity, retinal degeneration, tinnitus

Monotherapy with moexipril has been evaluated for safety in over 3000 patients. In clinical trials, the observed adverse experiences with moexipril were similar to those seen in the uniretic® trials.

Hydrochlorothiazide: The following adverse reactions have been reported with hydrochlorothiazide and, within each organ system, are listed by decreasing severity. Cardiovascular: orthostatic hypotension (may be potentiated by alcohol, barbitu-rates, or narcotics)

Gastrointestinal: pancreatitis, jaundice (intrahepatic cholestatic, see WARNINGS), sialadenitis, vomiting, diarrhea, cramping, nausea, gastric irritation, constipation,

Neurologic/Psychiatric: vertigo, dizziness, transient blurred vision, headache paresthesia, xanthopsia, weakness, restlessness Musculoskeletal: muscle spasm

Hematologic: aplastic anemia, agranulocytosis, leukopenia, thrombocytopenia

Metabolic: hyperglycemia, glycosuria, hyperuricemia

Hypersensitivity: necrotizing anglitis, Stevens-Johnson syndrome, respiratory distress including pneumonitis and pulmonary edema, purpura, urticaria, rash, photo-

Clinical Laboratory Test Findings
Serum Electrolytes: See PRECAUTIONS, General.

Creatinine and Blood Urea Nitrogen: As with other ACE inhibitors, minor increases in blood urea nitrogen or serum creatinine, reversible upon discontinuation of therapy, were observed in less than 1% of patients with essential hypertension who were treated with uniretic. Increases are more likely to occur in patients with compromised renal function (see PRECAUTIONS, General).

Other (causal relationship unknown): Clinically important changes in standard laboratory tests were rarely associated with uniretic® administration.

## OVERDOSAGE

No specific information is available on the treatment of overdosage with uniretic®. Treatment should be symptomatic and supportive. Therapy with uniretic® should be discontinued and the patient observed closely. Suggested measures include induc-

discontinued and the patient observed closely. Suggested measures include induction of emesis and/or gastric lavage and correction of dehydration, electrolyte imbalance and hypotension by established procedures. Single oral doses of 2 g/kg moexipril were associated with significant lethality in mice. Rats, however, tolerated single oral doses of up to 3 g/kg. The oral LD $_{\rm 20}$  hydrochlorothiza/de is greater than 10 g/kg in mice and rats. For the combination of moexipril hydrochloride and hydrochlorothiaz/de (ratio 7.5:12.5), the approximate LD $_{\rm 20}$  was around 10 g/kg for mice and above 10 g/kg for rats. Addition of hydrochlorothiaz/de (ratio 7.5:12.5) the approximate model in the control of the

Human overdoses of moexinril have not been reported. In case reports of overdos-Human overdoses of moexipril have not been reported. In case reports of overdos-se with other ACE inhibitors, hypotension has been the principal adverse effect noted. The most common signs and symptoms observed with an overdose of hydrochlorothiazide have been those of dehydration and electrolyte depletion (hypokalemia, hypochloremia, hyponatremia). If digitalis has also been adminis-tered, hypokalemia may accentuate cardiac arrhythmias. No data are available to suggest that physiological maneuvers (e.g., maneuvers to chance the ALI of the urina) would acceptate alimination of moeximic and its

No data are available to suggest that physiological maneuvers (e.g., maneuvers to change the pH of the urine) would accelerate elimination of moexipil and its metabolites. The dialyzability of moexipril is not known.

Angiotensin II could presumably serve as a specific antagonist-antidote in the setting of moexipril overdose, but angiotensin II is essentially unavailable outside of research facilities. Because the hypotensive effect of moexipril is achieved through vasodilation and effective hypovolemia, it is reasonable to treat moexipril overdose by infusion of normal saline solution. In addition, renal function and serum potassium should be monitored.

# DOSAGE AND ADMINISTRATION

Moexipril and hydrochlorothiazide are effective treatments for hypertension. The recommended dosage range of moexipril is 7.5 to 30 mg daily, administered in a single or two divided doses one hour before meals, while hydrochlorothiazide is effective in a dosage of 12.5 to 50 mg daily.

The side effects (see WARNINGS) of moexipril are generally rare and apparently

The sine enects (see warkinings) or moexipni are generally rare and apparently independent of dose; those of hydrochlorothiade are a mixture of dose-dependent phenomena (primarily hypokalemia) and dose-independent phenomena (e.g., pancreatitis), the former much more common than the latter. Therapy with any combination of moexipni and hydrochlorothiazide will be associated with both sets of dose-independent side effects, but regimens in which moexipril is combined with low doses of hydrochlorothiazide produce minimal effects on serum potassium. In low doses of hydrochlorothiazide produce minimal effects on serum potassium. In uniretife\* controlled clinical trials, the average change in serum potassium was near zero in subjects who received 3.75 mg / 6.25 mg or 7.5 mg / 12.5 mg, but subjects who received 15 mg / 12.5 mg or 15 mg / 25 mg experienced a mild decrease in serum potassium, similar to that experienced by subjects who received the same dose of hydrochlorothiazide monotherapy. To minimize dose-independent side effects, it is usually appropriate to begin combination therapy only after a patient has fellicate to exhibit the positions by doctricing the same transfer. failed to achieve the desired effect with monotherapy.

Dose Titration Guided by Clinical Effect: A patient whose blood pressure is not adequately controlled with either moexipril or hydrochlorothiazide monotherapy may be given uniretic® 7.5 mg / 12.5 mg, uniretic® 15 mg / 12.5 mg or uniretic® 15 mg / 25 mg one hour before a meal. Further increases of moexipril, hydrochlorothiazide or both depend on clinical response. The hydrochlorothiazide dose should generally not be increased until 2-3 weeks have elapsed.

ly not be increased until 2-3 weeks have elapsed. Total daily doses above 30 mg /50 mg at day have not been studied in hypertensive patients. Patients whose blood pressures are adequately controlled with 25 mg of hydrochlorothizaide daily, but who experience significant potassium loss with this regimen, may achieve blood pressure control without electrolyte disturbance if they are switched to moexipril 3-75 mg/hydrochlorothizaide 6.25 mg (one-half of the uniretice 7.5 mg /12.5 tablet). For patients who experience an excessive reduction in blood pressure with uniretice 7.5 mg /12.5 mg, the physician may consider prescribing moexipnil 3.75 mg/hydrochlorothizaide 6.25 mg.

Replacement Therapy: The combination may be substituted for the titrated individual active ingredients.

Use in Renal Impairment: The usual dosage regimen of uniretic® does not need to Use in Henal Impariment: The usual oosage regimen of unterior oos not need to be adjusted as long as the patient's creatinine clearance is > 40 mL/min/1.73 m² (serum creatinine approximately < 3 mg/dL or 265 µmol/L). In patients with more severe renal impairment, loop diuretics are preferred to thiazides, so uniretic® is not recommended (see PRECAUTIONS, General).

## HOW SUPPLIED

uniretic® (moexipril hydrochloride/hydrochlorothiazide) 7.5 mg / 12.5 mg tablets are yellow, oval, film-coated and scored with engraved code 712 on the unscored side and S and P on either side of the score. They are supplied as follows:

Bottles of 100 NDC 0091-3712-01

Bottles of 100 MDC 0091-3712-01 wolf on MDC 0091-3712-01 uniretic® (moestifiel hydrochloride/hydrochloridazide) 15 mg / 12.5 mg tablets are white, oval, film-coated and scored with engraved code 720 on the unscored side and S and P on either side of the score. They are supplied as follows: Bottles of 100 NDC 0091-3720-01

Bottles of 100 NDC 0091-3720-01 uniretic® (moexipril hydrochloridhiazide) 15 mg / 25 mg tablets are yellow, oval, film-coated and scored with engraved code 725 on the unscored side and S and P on either side of the score. They are supplied as follows:

NDC 0091-3725-01 Bottles of 100

ore, tightly closed, at controlled room temperature 20° -25°C (68° -77°F). Protect m excessive moisture.

If product package is subdivided, dispense in tight containers as described in USP-NF.



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