TERAZOSIN- terazosin hydrochloride capsule REMEDYREPACK INC.

TERAZOSIN CAPSULES, USP

Terazosin hydrochloride, an alpha-1-selective adrenoceptor blocking agent, is a quinazoline derivative represented by the following chemical name,molecular formula and quiriacumie dei revier e presente de de commentation de la commentatio

furanylicarbonyl-, monohydrochloride C ₃yl ₂CON ₃O ₄ Terzasosh hydrochhoride is a white, crystaline substance, freely soluble in water and sotonic saline and has a molecular weight of 423.93. Each capsule, for oral administration, contains 1 mg, 2 mg, 5 mg or 10 mg of terzasos in set reaching hydrochiotie. In addition, each capsule contains the following inactive ingredients: colorial alton ordiouse, lectures monohydrate, magnessmit searnet, and president in colorial and contains the contains the contains better than the contains the co

CLINICAL PHARMACOLOGY

Pharmacodynamics

A. Benign Prostatic Hyperplasia (BPH)

A. Benign Prostatic Hyperplasia (BPH)

The symptoms associated with BPH are related to bladder outlet obstruction, which is comprised of two underlying components: a static component and a dynamic component. The static component is a consequence of an increase in prostate size. Over time, the prostate will continue to enlarge, thowever, clinical studies have of BPH symptoms or the degree of uninary obstruction. The dynamic component is a function of an increase in smooth muscle tone in the prostate and bladder neck, leading to constriction of the bladder outlet. Smooth muscle tone is mediated by sympathetic nervous stimulation of alpha-1 advanceptors, which are abundant in the prostate, prostatic capsule and obladder neck. The reduction in symptoms and improvement in unine flow rates following administration of teracosis in related to relacation of smooth unine flow rates. Because there are relatively few alpha-1 adrenoceptors in the bladder body, teracosis in sale to reduce the bladder outlet obstruction without affecting bladder contractility.

contractility.

Farazosin has been studied in 1222 men with symptomatic BPH. In three placebocontrolled studies, symptom evaluation and uroflowmetric measurements were
performed approximately 24 hours following dosing. Symptoms were quantified using
the Boyarsky Index. The questionnaire evaluated both obstructive (hesitancy,
intermatency, terminal dribbling, impairment of size and force of stream, sensation of
incomplete bladder emptying) and iritative (nocturia, daytime frequency, urgency,
dysurial symptoms by rading each of the 9 symptoms from 0 to 3, for a total score of
27 points. Results from these studies indicated that tracasons statistically significantly
improved symptoms and peak ure flow rates over placebod as follows:

^a Highest dose 10 mg shown.

b 23% of patients on 10mg, 41% of patients on 20 mg.

c 67% of patients on 10 mg

*Significantly (p ≤ 0.05) more improvement than placebo.

p>In all three studies, both symptom scores and peak urine flow rates showed statistically significant improvement from baseline in patients treated with terazosin capsules from week 2 (or the first clinic visit) and throughout the study duration.

capsules from week 2 (or the first clinic veik) and throughout the study duration. Analysis of the effect of terazosis rapsules on individual urinary symptoms demonstrated that compared to placebo, terazosin significantly improved the symptoms of heskancy, intermettency, impairment in size and force of urinary stream, sensation of incomplete emptying, terminal dribbling, daytime frequency and nocturia. Global assessments of overall urinary function and symptoms were also performed by investigators who were bilinded to patient treatment assignment. In studies 1 and 3, patients treated with terazosis had a significantly (p s 0.001) greater overall improvement compared to pication treater plateins.

in a short term skudy (Study 1), patients were randomized to either 2, 5 or 10 mg of terazosin or placebo. Patients randomized to the 10 mg group achieved a statistically significant response in both symptoms and peak flow rate compared to placebo (Figure 1).

† for baseline values see above table

in a long-term, open-label, non-placebo controlled clinical trial, 181 men were followed for 2 years and 580 of these men were followed for 30 months. The effect of terazosis no controlled throughout the study duration (Fgures 2 and 3):

ouration (righted 2 and 3). FIGURE 2. Mean Change in Total Symptom Score from Baseline Long-Term, Open-Label, Non-Placebo Controlled Study (N=494)

*p ≤ 0.05 vs. baseline mean baseline = 10.7

FIGURE 3.

Mean Change in Peak Flow Rate from Baseline Long-Term, Open-Label, Non-Placebo Controlled Study (N=494)

*p ≤ 0.05 vs. baseline; mean baseline = 9.9

In this long-term trial, both symptom scores and peak urinary flow rates showed statistically significant improvement suggesting a relaxation of smooth muscle cells

Although blockade of alpha-1 adrenoceptors also lowers blood pressure in hypertensive patients with increased peripheral vascular resistance, terazosin treatment of normotensive men with BPH did not result in a clinically significant blood pressure lowering effect:

Study Tirration Study Tirration GVU Transcript Study Tirration | Irrate
| Symptom_Change | Peak_Change | Range | Studyto fixe
| Score | % | Flow % (0-27) | (mL/sec) | MeanMeanMeanMeanNBaselineNBaselineNBaseline | 10 dose | mg) *(12 dose

Mean Changes in Blood Pressure from Baseline to Final Visit in all Double-Blind, Placebo-Controlled Sto SBP(mm PlaceboTerazosin 293 - 45-5.8 DBP(m Hg) 5190.165 Hg) PHypertensivePatier > 90 mm Hg

p ≤ 0.05 vs. -¹~ebo

B. Hypertension

In animals, terazosin causes a decrease in blood pressure by decreasing total periph vascular resistance. The vasodilatory hypotensive action of terazosin appears to be produced mainly by blockade or alpha-1 adrenceptors. Terazosin decreases blood pressure gradually within 15 minutes following oral administration.

pressure gradually within 15 minutes following oral administration. Patients in clinical trails of terazosis were administered once daily (the great majority) and twice daily regimens with total doses usually in the range of 5 to 20 mg/day, and pressure 16 5t o 1315 mm/gh) hypertension. Because terazoris. Rise all adplay and pressure 16 5t o 1315 mm/gh) hypertension. Because terazoris. Rise all adplay and the initial dose was 1 mg in virtually all frisis, with subsequent thrization to a specified fixed dose or thratton to some specified blood pressure end point (usually a supine disastoic pressure of 90 mm/gh).

Blood pressure responses were measured at the end of the dosing interval (usually 24 hours) and effects were shown to persist throughout the interval, with the usual supine responses 5 to 10 mm/lg systolic and 3.5 to 8 mm/lg disable, greater than placebou. The state of the stat

unchanged.

Limited measurements of peak response (2 to 3 hours after dosing) during chronic terazosis administration indicate that it is greater than about twice the trough (24 hour) response, suggesting some attenuation of response at 24 hours, presumably due to a fall in blood terazosis concentrations at the end of the dose interval. This explanation is not established with certainty, however, and is not consteasted with the similarly of blood terazosis concentrations that certainty, however, and is not consteasted with the similarly of blood observed dose-response relationship over a range of 5 to 20 mg, i.e., if blood concentrations had falen to the point of providing less than full effect at 24 hours, a shorter dosing interval or larger dose should have led to increased response. Further dose response and dose duration studies are being carried out. Blood pressure should be measured at the end of the dose interval; if response is not satisfactory, paleitism may be tred on an larger dose or twice dayle dosing regimen. The latter should paleitism to the dose in the latter should paleitism, or orthostatic complaints, are seen within a few hours after dosing, applications, or orthostatic complaints, are seen within a few hours after dosing.

palpitations, or orthostatic complaints, are seem within a few hours after dosing. The greater blood pressure effect associated with peak plasma concentrations (first few hours after dosing) appears somewhat more position-dependent (greater in the erect position) than the effect of terazosin at 24 hours and in the erect position there is also a 6 to 10 beak per minute increase in heart rate in the first few hours after dosing. During the first 3 hours after dosing 1.25% of patients had a systolic pressure fail of 30 mml/s after fail of 30 mml/s and 10 mml/s and 10 mml/s of 1

tal of at least 20 mmHg, compared to 4% of a placebo group.

There was a tendency for patients to gain weight during terazosin therapy, in placebo-controlled monotherapy trials, male and female patients receiving terazosin gained a mean of 1.7 and 2.2 pounds respectively, compared to basses of 2.4 and 1.2 pounds respectively in the placebo group. Both differences were statistically significant.

During controlled clinical trials, patients receiving terazosin monotherapy had a small but statistically significant decrease (a 3% fall) compared to placebo in total cholesterol and the combined low-density into optoretin fractions. No significant

changes were observed in high-density lipoprotein fraction and triglycerides compared to placebo.

Analysis of clinical laboratory data following administration of terazosin suggested the possibility of hemodilution based on decreases in hematocrit, hemoglobin, white blood cells, total protein and abumin. Decreases in hematocrit and total protein have been observed with alpha-blockade and are attributed to hemodilution.

Pharmacokinetics

Terazosin hydrochoride administered as capsules is essentially completely absorbed in man. Administration of capsules immediately after meals had a minimal effect on the extent of absorption. The time to reach peak pissan concentration however, was delayed by about 40 minutes. Terazosin has been shown to undergo minimal hepatic first-pass metabolism and nearly all of the circulating does is in the form of parent drug The pissma levels peak about one hour after dosing, and then decline with a half-life of approximately 1.4 hours, in a study that evaluated the effect of age on terazosin age group z. 70 years and the age group of 2 to 13 years, respectively. After oral administration the pissma clearance was decreased by 3.1.7% in patients 70 years of age or older compared to that in patients 20 to 39 years of age or older compared to that in patients 20 to 39 years of age or older compared to that in patients 20 to 39 years of age or older compared to that in patients 20 to 39 years of age or older compared to that in patients 20 to 39 years of age or older compared to that in patients 20 to 39 years of age or older compared to that in patients 20 to 39 years of age to the patients 20 to 39 years of age or older compared to that in patients 20 to 39 years of age to the patients 20 to 39 years of age or older compared to that in patients 20 to 39 years of age to the patients 20 to 39 years of age to 30 years of age.

age or lose to injuncted or unknown to passens of our 59 years to age.

The drug is 90 to 49% bound to plasma proteins and binding is constant over the clinically observed concentration range. Approximately 10% of an orally administered dose is excreted as parent drug in the urine and approximately 20% is excreted in the feces. The remainder is eliminated as metabolitiss. Impaired renal function had no significant effects on the elimination to treazons in doseage adjustment of treazons to compensate for the drug removal during hemodalysis (approximately 10%) does not appear to be necessary. Overal, approximately 40% in the administered for the drug removal during hemodalysis (approximately 10%) does not appear to be necessary. Overal, approximately 40% in the decision.

INDICATIONS AND USAGE

Teracroin capsules are indicated for the treatment of symptomatic benign prostatic hyperplasa (BPH). There is a rapid response, with approximately 70% of patients with the properties of the pr

Terazosin capsules are also indicated for the treatment of hypertension. Terazosin capsules can be used alone or in combination with other antihypertensive agents such as diuretics or beta-adrenergic blocking agents.

CONTRAINDICATIONS

Terazosin capsules are contraindicated in patients known to be hypersensitive to terazosin hydrochloride.

Syncope and "First-dose" Effect

Syncope and "First-dose" Effect
Terazosin capsules, like other alpha-adrenergic blocking agents, can cause
marked lowering of blood pressure, especially postural hypotension, and
syncope in association with the first dose or first few days of therapy. A
similar effect can be anticipated if therapy is interrupted for several days
adrenergic blocking agents in association with rapid dosage increases or the
introduction of another antihypertensive drug. Syncope is believed to be due
to an excessive postural hypotensive effect, although occasionally the
syncopal episode has been preceded by a bout of severe supraventricular
tachycardia with heart rates of 120 to 160 beats per minute. Additionally, or
postural hypotension should be considered.

postural hypotension should be considered or excessive hypotension, treatment should always be initiated with a 1 mg dose of terasonic capsules, given at beetlines. The 2 mg, 5 mg and 10 mg capsules are not indicated as initial excessive the control of the cont

must your resurt should syncope occur during initiation of therapy. In early investigational studies, where increasing signle doses up to 7.5 mg were given at 3 day intervals, tolerance to the first dose phenomenon did not necessarily develop and the "first-dose" effect could be observed at all doses. Syncopal episodes occurred in 3 of the 14 subjects given terazosin at doses of 2.5, 5 and 7.5 mg, which are higher than the recommended nitial dose; in addition, severe orthostatic hypotension (blood pressure failing to 50/0 mm/tg) was seen in two others and disziness, tachycardia, and ightheadedness occurred in most subjects. These adverse effects all occurred within 90 minutes of dosing.

In multiple dose clinical trials involving nearly 2000 hypertensive patients treated with terazosin capsules, syncope was reported in about 1% of patients. Syncope was not necessarily associated only with the first dose.

If syncope occurs, the patient should be placed in a recumbent position and treated supportively as necessary. There is evidence that the orthostatic effect of teracosin is greater; even in chronic uses, shortly after dosing. The risk of the events is greatest during the initial seven days of treatment, but continues at all time intervals.

Priapism

Array, (probably less than once in every several thousand patients), terazosin and other a 1-antagonists have been associated with pringism (patiful penile erection, sustained consideration of the proposal penile pe

Carcinoma of the prostate and BPH cause many of the same symptoms. These t diseases frequently co-exist. Therefore, patients thought to have BPH should be examined prior to starting terazosin capsule therapy to rule out the presence of carcinoma of the prostate.

Intraoperative Floppy Iris Syndrome (IFIS)

Intraoperative Floopy Iris Syndrome (IFIS)
Intraoperative Floopy Iris Syndrome (IFIS) has been observed during cataract surgery in some patients onlyor previously treated with alpha-1 blockers. This variant of small pupil syndrome is characterized by the combination of a facic dir is that billows in response to intraoperative irrigation currents, progressive intraoperative moiss despite preoperative diation with standard mydratic drugs, and potential probages of the iris toward the phacecerus/sircation incisors. The patient's ophthalmologist should be prepared for diation rings, or viscoleastic substances. There does not appear to be a benefit of stopping alpha-1 blocker therapy prior to cataract surgery.

Orthostatic Hypotension

Virtuostatic. hypotension with some proposition of the rearosin (see WARNINGS), other symptoms of lowered blood pressure, such as dizziness, lightheadedness and palpitations, were more common and occurred in some 29% of patients in clinical trials of hypertension. In BPH clinical trials, 21% of the patients experienced one or more of the following, declarises, hypotension, postural hypotension, syncope, and vertigo. Patients with occupations in which such events represent potential problems should be treated with particular caution.

Information for Patients (see Patient Package Insert)

Patients should be made aware of the possibility of syncopal and orthostatic symptoms, especially at the inhibition of therapy, and to avoid driving or hazardous tasks for 12 hours after the first dose, after as dosage increase, and after interruption of the pap hours after the first dose, after as dosage increase, and after interruption of the pap received and the state of the page of t

Patients should also be told that drowsiness or somnolence can occur with terazosin, requiring caution in people who must drive or operate heavy machinery.

Patients should be advised about the possibility of priapism as a result of treatment with terazosin capsules and other similar medications. Patients should know that this reaction to terazosin capsules is extremely rare, but that if it is not brought to immediate medical attention, it can lead to permanent erectile dysfunction (impotence).

Small but statistically significant decreases in hematocrit, hemoglobin, white blood cells, total protein and albumin were observed in controlled clinical trials. These laboratory findings suggested the possibility of hemodilution. Treatment with terazosin capsules for up to 24 months had no significant effect on prostate specific antigen (PSA) levels.

Drug Interactions

uring interactions.

In controlled trulb, teración have been added to duratico, and several beta adrenero, in controlled trulb, teración has selected blema chiene metro delso well. Ferración has sides been used a palsents on a variety of concombant therapies; while these were not formal interaction studies, no interactions were observed. Terazions has been used concombantly in at least 50 patients on the following drugs or drug classes:

- analges/chart Hammatory (e.g., acctaminophen, aspir), codeine, buprofen,

- analgas-L'anti-riflammatory (e.g., acetaminophen, aspirin, codene, Buprofe indomethacin); antibiotics (e.g., erythromycin, trimethorym and suffamenthoxazole); antibiotics (e.g., erythromycin, trimethorym and suffamenthoxazole); anticholinergickympathorimetrics (e.g., phenylephrine hydrochloride, phenyler opandamie hydrochloride, pseudosphedrine hydrochloride); antibiotimies (e.g., chlorpheriamine); cardiovascular agents (e.g., atenolol, hydrochlorothlazide, methyclothlazide, propranolol);

- corticosteroids;
 gastrointestinal agents (e.g., antacids);
 hypoglycemics;
 sedatives and tranquilizers (e.g., diazepam).

Use With Other Drugs

Use With Other Drugs
In a study (n-24) where terazosin and verapamil were administered concomitantly, terazosin's mean AUC _{0.24} increased 11% after the first verapamil dose and after 3 weeks of verapamil retainment it necessed by 24% with associated formass in C max when the contract of the contract concentrations increased linearly with dose at steady-state after administration of terazosin plus captopril (see **DOSAGE AND ADMINISTRATION**).

Carcinogenesis, Mutagenesis, Impairment of Fertility :

Terazosin was devoid of mutagenic potential when evaluated in vivo and in vitro (the Ames test, in vivo cytogenetics, the dominant lethal test in mice, in vivo Chinese hamster chromosome aberration test and V79 forward mutation assay).

chromosome aberration test and V79 forward mutation assay).

Flerancisin administered in the feed to trast ad dose of 8, 40, and 250 mg/kg/day (70, 350, and 2100 mg/kg/day), for two years, was associated with a statistically significant increase in beingin adreal meduality tumors of male rats exposed to the 250 mg/kg/dose. This dose is 175 times the maximum recommended human dose of 20 mg (12 mg/kg)², Female rats were unaffected. Terazosin was not oncogenic in mice when administered in feed for 2 years at a maximum tolerated dose of 32 mg/kg/day (110 mg/kg)², 9 times the maximum recommended human dose). The absence of mutagenickly in a battery of tests, of tumorigenicky of any cell type in the mouse carrinogenicky assay, of increased total human ricidence in either species, and of carrinogenicky assay, of increased total human ricidence in either species, and of the carrinogenicky of the second of the companion of the compa

evidence for carcinogencity in man. The effect of treazosi non fertility was assessed in a standard fertility/reproductive performance study in which male and female rats were administrated oral doses of 8, 30 and 120 mg/kg/day. Four of 20 male rats given 30 mg/kg (240 mg/k) ², 20 times the maximum recommended human dose) and five of 19 mile rats given 120 mg/kg (960 mg/k) ², 80 times the maximum recommended human dose) failed to see a later. Texticular weights and morphology were unaffected by treatment. Vaginal smerser at 30 and 120 mg/kg/day, however, appeared to contain lass sperm than smears from control makings and good correlation was reported between sperm count and subsequent pregnarcy.

prepiancy.

Oral admistration of terasosin for one or two years elicited a statistically significant increase in the incidence of testicular atorphy in rate exposed to 40 and 250 mg/kg/dgy (29 and 175 times the maximum recommended human dose), but not in rats exposed to 80 and 80 mg/kg/dgy. (29 immse the maximum recommended human dose). Peticular atrophy was also observed in dosg dosed with 300 mg/kg/dgy. (> 500 times the maximum recommended human dose). Peticular atrophy was also observed in dosg dosed with 300 mg/kg/dgy. (> 500 times the maximum recommended human dose) and osed with 20 mg/kg/dgy (38 times the maximum recommended human dose). This lesion has also been seen with Minipress®, another (marketed) selective-alpha-1 blocking agent.

Teratogenic Effects

Pregnancy Category C

Pregnarcy Lategory L.

Teracosin capsules were not teratogenic in either rats or rabbts when administered at oral doses up to 280 and 60 times, respectively, the maximum recommended human obes. Felat resortpions occurred in rats dosed with 400 mg/kg/dga, approximately 280 reduces to the properties of the properties of the properties of the properties of the design and an increased number of supernumerary ribs were observed in offspelated weight and an increased number of supernumerary ribs were observed in offspelated felat weight and an increased number of supernumerary ribs were observed in offspelated felated weight and an increased number of supernumerary ribs were observed in offspelated felated by the properties of rabbs dosed with 60 times the maximum recommended thuman dose. These findings (in both species) were most likely secondary to maternal toxicity. There are no adequate and wet-controlled studies in pregnancy more and the safety of teracosin in pregnancy unless the potential hard pushes the potential rabb.

Nonteratogenic Effects :

In a peri- and post-natal development study in rats, significantly more pups died in the group dosed with 120 mg/kg/day (> 75 times the maximum recommended human dose) than in the control group during the three-week postpartum period.

Nursing Mothers :

It is not known whether terazosin is excreted in breast milk. Because many drugs are excreted in breast milk, caution should be exercised when terazosin capsules are administered to a nursing woman.

Safety and effectiveness in pediatric patients have not been determined.

ADVERSE REACTIONS

Benign Prostatic Hyperplasia

Benign Prostatic Hyperplasia

The Incidence of treatment-emergent adverse events has been ascertained from cinical trials conducted worlfwide. All adverse events reported during these trials were recorded as adverse reactions. The incidence rates presented below are based on combined data from six placebo-controlled trials involving once-a-day administration of combined data from six placebo-controlled trials involving once-a-day administration reported for patients in these trials when the incidence rate in the treasons group was at least 1½, and was greater than that for the placebo group, or where the reaction is of cinical interest. Asthenia, postural proponession, dizense, somnothere, nasal a congestion/trials, and impotence were the only events that were significantly (pc-dbo.) The incidence of urmary tract infection was significantly lower in the patients receiving terracions than in patients receiving placebo. An analysis of the incidence rate of hypotensis adverse events (see PRECAUTIONS) adjusted for the length of drug treatment has shown that the risk of the events is greatest during the nikal seven days of treatment, all continues as if their either view.

TABLE 1. Adverse Reactions During Placebo-Controlled Trials

Benign Prostatic Hyperp	lasia	
Body System	Terazosin (N = 636)	Placebo (N = 360)
BODY AS A WHOLE		
*Asthenia	7.4% †	3.3%
Flu Syndrome	2.4%	1.7%
Headache	4.9%	5.8%
CARDIOVASCULAR SYSTEM		
Hypotension	0.6%	0.6%
Palpitations	0.9%	1.1%
Postural Hypotension	3.9% †	0.8%
Syncope	0.6%	0.0%
DIGESTIVE SYSTEM		
Nausea	1.7%	1.1%
METABOLIC AND NUTRITIONAL DISORDERS	0.9%	0.3%
Peripheral Edema		
Weight Gain	0.5%	0.0%
NERVOUS SYSTEM		
Dizziness	9.1% †	4.2%
Somnolence	3.6% †	1.9%
Vertigo	1.4%	0.3%
RESPIRATORY SYSTEM		
Dyspnea	1.7%	0.8%
Nasal Congestion/Rhinitis	1.9% †	0.0%
SPECIAL SENSES		
Blurred Vision/Amblyopia	1.3%	0.6%
biurreu vision/Ambiyopia	1.5%	0.6%
UROGENITAL SYSTEM		
Impotence	1.6% †	0.6%
Urinary Tract Infection	1.3%	3.9% †
* Includes weakness, tiredness, lassifude, and fatique		

^{*} Includes weakness, tiredness, lassitude, and fatigue $\dagger p \le 0.05$ comparison between groups.

Additional adverse events have been reported, but these are, in general, not distinguishable from symptoms that might have occurred in the absence of exposure to terazosin. The safety profile of patients treated in the long-term open-label study was similar to that observed in the controlled studies.

similar to that observed in the controlled studies. The adverse events were usually transient and mild or moderate in intensity, but sometimes were serious enough to interrupt treatment. In the piacebo-controlled clinic trials, the rates of premature termination due to adverse events were not statistically different between the piacebo and terazosin groups. The adverse events that were bothersome, as judged by their being reported are reasons for discontinuation of therapy by at least 0.5% of the terazosis in group and being reported more often than in the piacebo group, are shown in Table 2.

TABLE 2. Discontinuation During Placebo-Controlled Trials Benign Prostatic Hyperplasia

Body System	Terazosin (N = 636)	
BODY AS A WHOLE Fever Headache	0.5% 1.1%	0.0% 0.8%
CARDIOVASCULAR SYSTEM Postural Hypotension Syncope	0.5% 0.5%	0.0%

DIGESTIVE SYSTEM		
Nausea	0.5%	0.3%
NERVOUS SYSTEM		
Dizziness	2.0%	1.1%
Vertigo	0.5%	0.0%
RESPIRATORY SYSTEM		
Dyspnea	0.5%	0.3%
SPECIAL SENSES		
Blurred Vision/Amblyopia	0.6%	0.0%
UROGENITAL SYSTEM		1
Urinary Tract Infection	0.5%	0.3%

Hypertension

Hypertension
The prevalence of adverse reactions has been ascertained from clinical trials conducted primary in the United States. All adverse experiences (events) reported during these trials were recorded as adverse reactions. The prevalence rates presented below are based on combined data from fourteen pixebb-controlled trials involving once-a-day administration of terazosis, as momotheragoy or in combination with other artitivities agents, at doses ranging from 1 to 40 mg. Table 3 summarizes those artitivities of the controlled trials and the care of the controlled trials are considered to the care of the controlled trials are controlled to the care of the controlled trials are controlled to the care of the care

TABLE 3. Adverse Reactions During Placebo-Controlled Trials
Hypertension

- Tryper terision		
Body System	Terazosin (N = 859)	Placebo (N = 506)
BODY AS A WHOLE		
"Asthenia	11.3%†	4.3%
Astrieria Back Pain	2.4%	1.2%
Headache	16.2%	15.8%
rieduaciie	10.270	13.070
CARDIOVASCULAR SYSTEM		
Palpitations	4.3% †	1.2%
Postural Hypotension	1.3%	0.4%
Tachycardia	1.9%	1.2%
DIGESTIVE SYSTEM Nausea	4.4% †	1.4%
Nausea	4.4%	1.4%
METABOLIC AND NUTRITIONAL DISORDERS		
Edema	0.9%	0.6%
Peripheral Edema	5.5% †	2.4%
Weight Gain	0.5%	0.2%
MUSCULOSKELETAL SYSTEM		
Pain - Extremities	3.5%	3.0%
NERVOUS SYSTEM		
Depression	0.3%	0.2%
Depression Dizziness	0.3% 19.3% †	7.5%
Dizziness Libido Decreased	0.6%	
Libido Decreased Nervousness	2.3%	0.2%
Paresthesia	2.3%	1.4%
Parestnesia Somnolence	2.9% 5.4% †	2.6%
Somnoience	5.4% '	2.6%
RESPIRATORY SYSTEM		
Dyspnea	3.1%	2.4%
Nasal Congestion	5.9% †	3.4%
Sinusitis	2.6%	1.4%
SPECIAL SENSES		
Blurred Vision	1.6% †	0.0%
UROGENITAL SYSTEM		
Impotence	1.2%	1.4%
 Includes weakness, tiredness, lassitude, and fatique. 		
+ Statistically significant at n=0.05 level		

† Statistically significant at p=0.05 level.

Additional adverse reactions have been reported, but these are, in general, not distinguishable from symptoms that might have occurred in the absence of exposure to terazosin. The following additional adverse reactions were reported by at least 1% of 1987 patients who received terazosin in controlled or open, short-or long-term clinical trails or have been reported during marketing experience:

Body as a Whole :

Chest pain, facial edema, fever, abdominal pain, neck pain, shoulder pain.

Cardiovascular System : Arrhythmia, vasodilation

Digestive System :

Constipation, diarrhea, dry mouth, dyspepsia, flatulence, vomiting.

Metabolic/Nutritional Disorders

Musculoskeletal System :

Arthralgia, arthritis, joint disorder, myalgia.

Nervous System :

Anxiety, insomnia.

Respiratory System :

 $Bronchitis, cold\ symptoms,\ epistaxis,\ flu\ symptoms,\ increased\ cough,\ pharyngitis,\ rhinitis.$

Skin and Appendages :

Pruritus, rash, sweating.

Special Senses :
Abnormal vision, conjunctivitis, tinnitus.

Urinary frequency, urinary incontinence primarily reported in postmenopausal women, urinary tract infection.

urinary tract infection.

The adverse reactions were usually mild or moderate in intensity but sometimes were serious enough to interrupt treatment. The adverse reactions that were most bothersome, as judged by their being reported as reasons for discontinuation of therapy by at least 0.5% of the terazosin group and being reported more often than in the placeb og roup, are shown in Table 4.

TABLE 4. Discontinuations During Placebo-Controlled Trials

Hypertension		
Body System	Terazosin (N = 859)	
BODY AS A WHOLE Asthenia	1.6%	0.0%
Astrienia Headache	1.6%	1.0%
Headache	1.3%	1.0%
CARDIOVASCULAR SYSTEM		
Palpitations	1.4%	0.2%
Postural Hypotension	0.5%	0.0%
Syncope	0.5%	0.2%
Tachycardia	0.6%	0.0%
DIGESTIVE SYSTEM		
Nausea	0.8%	0.0%
METABOLIC AND NUTRITIONAL DISORDERS		
Peripheral Edema	0.6%	0.0%
NERVOUS SYSTEM		
Dizziness	3.1%	0.4%
Paresthesia	0.8%	0.4%
Somnolence	0.6%	0.2%
Johnnolence	0.078	0.270
RESPIRATORY SYSTEM		
Dyspnea	0.9%	0.6%
Nasal Congestion	0.6%	0.0%
	2.270	2.070
SPECIAL SENSES	1	
Blurred Vision	0.6%	0.0%

Post-marketing Experience

During cataract surgery, a variant of small pupil syndrome known as Intraoperative Floppy Iris Syndrome (IFIS) has been reported in association with alpha-1 blocker

Nowled overdosage of terazosin capsules lead to hypotension, support of the cardiovascular system is of first importance. Restoration of blood pressure and normalization of heart rate may be accomplished by keeping the patient in the supine position. If this measure is inadequate, shock should first be treated with volume expanders. If necessary, vasopressors should then be used and renal function should be monitored and supported as needed. Laboratory data indicate that terazosin is 90–94% protein bound; therefore, dailspis may not be of benefit.

If terazosin capsules administration is discontinued for several days, therapy should be reinstituted using the initial dosing regimen.

Benign Prostatic Hyperplasia

1 mg at bedtime is the starting dose for all patients, and this dose should not be exceeded as an initial dose. Patients should be closely followed during initial administration in order to minimize the risk of severe hy

Subsequent Doses:

The dose should be increased in a stepwise fashion to 2 mg, 5 mg, or 10 mg once daily to a chieve the desired improvement of symptoms and/or flow rates. Doses of 10 mg once daily to a chieve the desired improvement of symptoms and/or flow rates. Doses of 10 mg on mg for a minimum of 4 to 6 weeks may be required to assess whether a beneficial response has been ankieved. Some patients may not achieve a chickin response despite appropriate tration. Although some additional patients responded at a 20 mg daily dose, there was an insufficient number of patients studied to draw definither conclusions about this dose. There are insufficient data to support the use of higher doses for those patients are sufficient to response to 20 mg day. If treaposin deministrate in the support of the patients of the patien

Use With Other Drugs :

Caution should be observed when terazosin capsules are administered concomitantly with other anthypertensive agents, especially the calcium channel blocker verapamil, to avoid the possibity of developing significant hypotension. When using the trazosin capsules and other anthypertensive agents concomitantly, dosage reduction and retriation of ether agent may be mecessary (see PRECAUTIONS).

Hypotension has been reported when terazosin capsules have been used with phosphodiesterase-5 (PDE-5) inhibitors.

Hypertension

The dose of terazosin capsules and the dose interval (12 or 24 hours) should be adjusted according to the patient's individual blood pressure response. The following is a quide to its administration:

Initial Dose

In mg at bedtime is the starting dose for all patients, and this dose should not be exceeded. This initial dosing regimen should be strictly observed to minimize the potential for severe hypotensive effects.

Subsequent Doses
The dose may be slowly increased to achieve the desired blood pressure response. The usual recommended dose range is 1 mg to 5 mg administered once a day, however, some patients may brentf from dose as high as 20 mg per day. Doses over 20 mg do been studied. Blood pressure should be monitored at the end of the dosing interval been sure control in a markated throughout the interval. It may also be helpful to measure blood pressure 2 to 3 hours after dosing to see if the maximum and minimum without the stream of the dosing the stream of the sure control to the stream of the dosing the stream of the stream of the dosing the stream of the dosing the stream of the stream of

Use With Other Drugs

(See above.)

Terazosin Capsules are available in four dosage strengths:

5 mg Terazosin Capsules, USP are available as Size 3 orange opaque capsules printed "TL 385" axially in black ink on body and cap.

NDC: 70518-0317-00

PACKAGING: 30 in 1 BLISTER PACK

Dispense in a tight, light-resistant container as defined in the USP.

Recommended storage: Store at 20 to 25°C (68 to 77°F) [see USP Controlled Room Temperature].

Protect from light and moisture.

Rx only

Remedy Repack, Inc.

625 Kolter Dr. Suite #4 Indiana, PA 1-724-465-8762 Dispense in a tight, light-resistant container as defined in the USF

Recommended storage: Store at 20 to 25°C (68 to 77°F) [see USP Controlled Room Temperature].

Protect from light and moisture.

Rx only

Repackaged and Distributed By:

Remedy Repack, Inc.

625 Kolter Dr. Suite #4 Indiana. PA 1-724-465-8762

TERAZOSIN CAPSULES, USP

Rx Only

Generic Name: Terazosin (Ter-A-so-sin)

When used to treat HYPERTENSION or BENIGN PROSTATIC HYPERPLASIA (BPH)

Nemny Please read this keaflet before you start taking terazosin capsules. Also, read £ each time you get a new prescription. This is a summary and should NOT take the place of a full discussion with your doctor who has additional information about Terazosin Capsules. You and your doctor should discuss Terazosin Capsules and your condition before you start taking £ and at your regular helectups.

Terazosin Capules are used to treat high blood pressure (hypertension). Terazosi Capsules are also used to treat benign prostatic hyperplasia (BPH) in men. This lead describes Terazosin Capsules a treatment for hypertension or BPH.

What is hypertension (high blood pressure)?

Blood pressure is the tension of the blood within the blood vessels. If blood is pumped too forcefully, or if the blood vessels are too narrow, the pressure of the blood against the walls of the vessels rises.

If high blood pressure is not treated, over time, the increased pressure can damage blood vessels or it can cause the heart to work too hard and may decrease the flow of blood to the heart, frain, and kidneys. As a result, hese organs may become damage and not function correctly. If high blood pressure is controlled, this damage is less like to happen.

Treatment options for hypertension

Ireatment options for hypercension.

Non-drug treatments are sometimes effective in controlling mild hypertension. The most important lifestyle changes to lower blood pressure are to lose weight, reduce salt, fait, hypertensive patients require one or more enopping medications to control their blood pressure. There are different kinds of medications used to treat hypertension. Your doctor has prescribed Terazoin Capsules for you.

What Terazosin Capsules do to treat hypertension

Terazosin capsules work by relaxing blood vessels so that blood passes through them more easily. This helps to lower blood pressure.

What is BPH?

What is BPH?

The prostate is a gland located below the bladder of men. It surrounds the urethra (youREETH-rah), which is a tube that drains urine from the bladder. BPH is an enlargement
of the prostate gland. The symptoms of BPH, however, can be caused by an incrase in
the tightness of muscles in the prostate. If the muscles inside the prostate tighten, they
can squeeze the urethra and slow the flow of urine. This can lead to symptoms such as:

• a weak or interrupted stream when urinating
• a feeling that you cannot empty your bladder completely
• a feeling of delay when you start to urinate
• a need to urinate often, especially at night, or
• a feeling that you must urinate right away.

Treatment options for BPH

There are three main treatment options for BPH:

• Program of monitoring or "Watchful Waiting". Some men have an enlargee prostate gland, but no symptoms, or symptoms that are not bothersome. If this applies, you and your doctor may decide on a program of monitoring including

- regular checkups, instead of medication or surgery.

 Medication. There are different kinds of medication used to treat BPH. Your doctor has prescribed Terazonis Capisules for you. See "What Terazonis Capisules do to treat BPH" below.

 Surgery. Some patients may need surgery. Your doctor can describe several different surgical procedures to treat BPH. Which procedure is best depends on your symptoms and medical conditions.

symptoms and medical condition.

What Terazooin Capsules do to treat BPH
Terazooin Capsules relax the tightness of a certain type of muscle in the prostate and at symptoms of the second capsules relax the table his may increase the rate of urine flow and/or decrease the symptoms you are having.

Terazooin Capsules help releve the symptoms of BPH. It does NOT change the size of the prostate, which may continue to grow, However, a larger prostate does not necessarily cause more or worse symptoms.

If IT reazooin Capsules are helping you, you should notice an effect on your particular symptoms in 2 to 4 weeks of starting to take the medication.

Even though you take Terazooin Capsules and they may help you, Terazooin Capsules may not prevent the need for surgery in the future.

- Capsules may not prevent the need for surgery in the future.

 Other important facts about 1-rarcosic Capsules for BPM

 You should see an effect on your symptoms in 2 to 4 weeks, 5o, you will need to continue seeing your doctor to check your progress reparding your BPH and to monitor your blood pressure in addition to your other regular checkups.

 Your doctor has prescribed Teracosic Capsules for your BPH and not for prostate cancer. However, a man can have BPH and prostate cancer at the same time. Doctors usually recommend that men be checked for prostate cancer once a year when they turn 50 for 40 ff a family member has had prostate cancer. These checks not a treatment for prostate cancer. Teracosic Capsules reacosic Capsules are not a treatment for prostate cancer. Teracosic Capsules do not affect PSA keyes. Tour advice the same time.

 About Prostate Specific Antigen (PSA). Your doctor may have done a blood test called PSA. Your doctor is aware that Teracosic Capsules do not affect PSA keyes. You may want to ask your doctor more about this fiyou have had a PSA test done.

What you should know while taking Terazosin Capsules for hypertension o BPH

WARNINGS

WARNINGS

Terazosin Capsules Can Cause a Sudden Drop in Blood Pressure After the VERY IRIST DOSE. You may feel dizzy, faint, or "ight-headed" particularly after you get up from bed or from a chair. This is more likely to occur after you're taken the first few doses, but can occur at any time while you are taking the drug. It can also occur if you stop taking the drug and then re-start treatment. Because of this effect, your doctor may have bold you to take Terazosin Capsules at bettime betting. If you take Terazosin Capsules at bettime but need to get up from bed to go to the bathroom, get up slowly and caudiously until you are sure how the medicine affects you. It is also important to get up slowly from a chair or bed at any time until you learn how you react to Terazosin Capsules. You should not drive or do any hazardous tasks down until you feel better.

• You will start with a 1 mg dose of Terazosin Capsules. Then the dose will be increased as your body gets used to the effect of the medication.

• Other side effects you could have while taking Terazosin Capsules include drowsness, burred or hazy viscon, nause, or "priffress" of the feet or hands. Discuss any unexpected effects you notice with your doctor.

Extremely rarely, Terazosin Capsules and similar medications have caused painful erection of the penis, sustained for hours and unreleved by sexual intercourse or masturbation. This condition is service, and if untered it can be followed by permanent inability to have an exciton. If you have a probinged abnormal erection, call your doctor or go to an emergency room as soon as possible.

How to take Terazosin Capsules

The comment of the co

Keep Terazosin Capsules and all medicines out of the reach of children.

Store at 20°-25°C (68°-77°F) (see USP Controlled Room Temperature).

Protect from light and moisture.

FOR MORE INFORMATION ABOUT TERAZOSIN CAPSULES AND HYPERTENSION OR BPH, TALK WITH YOUR DOCTOR, NURSE, PHARMACIST OR OTHER HEALTH CARE PROVIDER.

Revised 08/12

Jubilant Cadista Pharmaceuticals Inc. Salisbury, MD 21801, USA.

For additional copies of the printed patient information leaflet/medication guide, please visit www.cadista.com or call 1-800-313-4623.

DRUG: Terazosin

DOSAGE: CAPSULE

ADMINSTRATION: ORAI NDC: 70518-0317-0

COLOR: orange

SHAPE: CAPSULE

SCORE: No score

SIZE: 16 mm IMPRINT: TL385

PACKAGING: 30 in 1 BLISTER PACK

ACTIVE INGREDIENT(S): • Terazosin Hydrochloride 5mg in 1

- D&c Yellow No. 10
 Silicon Dioxide
 Fd&c Red No. 40
 D&c Red No. 28
 Starch, Corn
 Gelatin
 Lactose Monohydrate
 Mannesium Staarate
- Magnesium Stearate
 Sodium Lauryl Sulfate
 Titanium Dioxide
- Terazosin RX ONLY NDC #: 70518-0317-00 NDC #: /rus: Expires: LOT #: Source NDC: 59746-0385-06 MGC Cadeta Pharma, inc, Salabury, MD 21501 Keep this and all medication out of the reach of chite 5 mg QTY: 30 Capsules Directions For Use: See Package Insert
 Store at 25-25°C (84-77°T), accurations permitted to 15-30°C (82-88°T) (See USF)
 Repackaged by: RemeckyRepack Inc., Indiana, PA 15701, 724.465.8782 remedy

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ANDA	ANDA075317	03/15/2017	

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Revised: 12/2024

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