Acuitel

(quinapril hydrochloride)

NAME OF THE MEDICINAL PRODUCTS

Acuitel® 5 mc Acuitel® 10 mg Acuitel® 20mg

Active ingredient: quinapril hydrochloride 2. QUALITATIVE AND QUANTITATIVE COMPOSITION Acuitel 5 mg

One film-coated tablet contains 5.416 mg guinapril hydrochloride (corresponds to 5 mg guinapril) Acuitel 10 mg One film-coated tablet contains 10.832 mg guinapril hydrochloride (corresponds to 10 mg guinapril) Acuitel 20 mg One film-coated tablet contains 21.664 mg quinapril hydrochloride (corresponds to 20 mg quinapril) For other ingradiante soo 6 3. PHARMACEUTICAL FORM

4. CLINICAL PARTICULARS

4.1 Therapeutic indications essential hypertension

heart failure - add-on to diuretics, and especially in serious heart failure also to digitalis 4.2 Posology and method of administration

Dosage

At the start of therapy with Acuitel, there may be excessive decrease in blood pressure especially in patients with salt and/or fluid deficiency (such as vomiting, diarrhea, diuretic therapy), cardiac insufficiency, acute myocardial infarction, unstable angina pectoris or serious hypertension

If possible, salt and/or fluid deficiency should be corrected prior to starting Acuitel therapy, diuretic therapy should be reduced or withdrawn if appropriate. In these patients, therapy should be started with the lowest single does of 7.5 mg quinard in the morning and blood pressure carefully monitored. After administration of the first does, and also when the does of quinapril and/or lood dureitos is increased, these patients must be medically monitored for at least 6 hours in order to avoid uncon-

trolled hypotensive reaction Adjustment of Acuitel therapy must be made in hospital for patients with malignant hypertension or

serious heart failure. In other cases, the following dosing guidelines apply unless otherwise prescribed:

Essential hypertensi

Usually the initial dose is 10 mg quinapril/day. If this dose does not result in normalization of blood pres-sure, the dose may be increased to 20 mg/day. The daily dose may be taken all at once or divided into, two single doses (in the morning and evening). A dose increase should not be made for a period of 3 weeks. The maintenance dose is usually 10 mg/day, the maximum dose 2x20 mg/day.

Heart failure

Acuitel may be administered as add-on medication to existing therapy with diuretics and digitalis. The initial dose is 2.5 mg guinapril in the morning and evening. A dose increase should only be made stepwise depending on the patient's individual response to therapy. The maintenance dose is usually 10-20 mg guinapril/day, the maximum dose should not exceed 2x20 mg guinapril/day

Dosing in moderately impaired renal function (creatinine clearance 30-60 mi/min) and patients older than 65 years of age

The initial dose is 5 mg guinapril, the maintenance dose usually 5-10 mg guinapril/day

The maximum dose should not exceed 20 mg guinapril/day.

Dosing in severely impaired renal function (creatinine clearance 10-30 ml/min) The initial dose is 2.5 mg quinapril (corresponding to 1/2 film-coated tablet Acuitel 5), the maintenance The initial cose is 2.5 mg quinapril (corresponding to 1/2 initr-coaled tablet Acture) 5, the maintenance dose is usually also 2.5 mg quinapril/datly (corresponding to 1/2 littr-coaled tablet Acture) 5. The max-imum dose is 5 mg quinapril/datly (corresponding to 1 film-coaled Acture) 5 tablet). The interval between two doses should be at least 24 hours due to the prolonged half-life.

Acuitel is available as scored film-coated tablet to facilitate individual dosing.

Mode and duration of administration

Acuitel may be taken independent of mealtimes, the daily dose may be taken all at once or divided into two single doses.

The physician must determine the duration of administration.

4.3 Contraindications

Acuitel must not be used in:

- hypersensitivity to the medicinally active ingredient or any of the excipients

known history of angioneurotic edema or other angioedemas (for example resulting from previous ACE-inhibitor therapy)

stenosis of the renal arteries (both sides, or one-sided in single kidney)

status following kidney transplantation

hemodynamically relevant a rtic or mitral valve stenosis or hypertrophic cardiomyopathy

primary hyperaldosteronism

pregnancy

lactation (cf. chapter 4.6)

During Acuitel therapy, dialysis or hemofiltration may not be made with polyacrylnitril-methallylsulfonate high-flux membranes (such as AN 69), since there is danger of hypersensitivity reactions (anaphylactoid reactions) up to life-threatening shock during dialysis treatment or hemofiltration. If emergency dialysis or hemofiltration is necessary, a switch must first be made to another drug

against hypertension or heart failure, which may not be an ACE inhibitor, or a different dialysis membrane must be used (see Warnings).

Life-threatening hypersensitivity reactions may occur during LDL (low-density lipoprotein) apheresis (in

serious hypercholesterolemia) with dextransulfate if an ACE inhibitor is administered.

Sometimes life-threatening hypersensitivity reactions (such as decrease in blood pressure, shortness of breath, vomiting, allergic skin reactions) may occur during treatment to reduce or eliminate the allergic reaction readiness (desensitization therapy) to insect toxins (such as bee or wasp stings) in concurrent administration of an ACE inhibitor.

If LDL apheresis or desensitization therapy to insect toxins is necessary, the preparation should be replaced by another drug against hypertension or heart failure. 4.4 Special warnings and special precautions for use

Warning

Do not use Acuitel together with polyacrylnitril-methallylsulfonate high-flux membranes (such as AN 69), during LDL apheresis with dextransulfate or during desensitization therapy to insect toxins (cf. Contraindications)

Patients with the rare hereditary galactose intolerance, lactase deficiency or glucose-galactose malabsorption should not take Acuit

Special precautions

Since therapy experience in the following is inadequate. Acuitel must not be used in: very serious impairments of renal function (creatinine clearance less than 10 ml/min)

- dialysis patients

- primary liver disease or liver failure

children

Acuitel may be used only after very critical benefit-risk assessment under regular controls of representative clinical and laboratory-chemical parameters in:

serious kidney function impairment (creatinine clearance between 10-30 ml/min)

clinically relevant proteinuria (more than 1 g/day)

clinically relevant electrolyte imbalances

presence of impaired immunoreaction or collagen disease (such as Lupus erythematodes, sclerodermia)

- concurrent systemic therapy with drugs which suppress defense mechanisms (such as corticoids cytostatics, antimetabolites), allopurinol, procainamide or lithium.

Note: (see dosage)

Renal function must be examined prior to administering Acuitel.

Especially at the start of therapy, Acuitel should only be used under intensive monitoring of blood pressure and/or representative laboratory parameters in:

patients with salt and/or fluid deficiency

patients with limited kidney function

patients with serious hypertension

patients older than 65 years of age patients with serious heart failure (cardiogenic shock)

Court

During the administration of ACE inhibitors, including guinapril, cough has been reported, which is typically unproductive and consistent and spontaneously regresses upon discontinuation of therapy. Accordingly, cough induced by ACE inhibitors should be considered in the differential diagnosis of cough.

Angioedema

Head and neck angioedema:

Angioedema has been reported in patients treated with ACE inhibitors, with a frequency of 0.1% for Anglocement has been reported in patients treated with ACE inhibitors, with a trequency of 0.1% of quinapril. If largingeal striftor or anglocedeme of the face, tongue, or glotts occur, treatment with quinapril should be discontinued immediately. The patient should be treated appropriately in accor-dance with accepted medical care, and carefully observed until the swelling disappears. In instances where swelling is confined to the face and lips, the condition generally resolves without treatment. Antihistamines may be used uin releving symptoms. Andiodema associated with largingeal involvement may be fatal. Where there is involvement of the tongue, glottis, or larynx likely to cause airway obstruction, appropriate emergency therapy, including, but not limited to subcutaneous adrenalin (epi-nephrine) solution 1:1000 (0.3 to 0.5 mL), should be promptly administered. 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 his-tory of facial angioedema and C-1 esterase levels were normal. The angioedema was diagnosed by by on factal anguidedina and C-1 estense levels were normal. The anguedema was background procedures including abdominal CT scan or ultrasound, or at surgery Symptoms resolved after stop-ping the ACE inhibitors, intestinal anguedema should be included in the differential diagnosis of patients on ACE inhibitors presenting with abdominal pain.

4.5 Interaction with other medicinal products and other forms of interaction

The following interactions have been observed between Acuitel or other ACE inhibitors in concurrent administration with:

table salt: reduction of the hypotensive effect of Acuitel

antihypertensives: potentiation of the hypotensive effect of Acuitel, especially with diuretics

analgesics, antiphlogistics (such as acetylsalicylic acid, indomethacine); possible reduction of the hypotensive effect of Acuitel

potassium, potassium-sparing diuretics (such as spironolactone, amiloride, triamterene): greater increase in serum potassium concentration

lithium: elevation of the serum lithium concentration (regular controls!), thus potentiation of the cardio- and neurotoxic effect of lithium

alcohol: increased alcohol effect

allopurinol, cytostatics, immunosuppressives, systemic corticoids, procainamide: decrease in leukocyte count in the blood (leukopenia)

narcotics, anesthetics: potentiated decrease in blood pressure (inform the anesthetist of Acuitel ther-

oral antidiabetics (such as sulfonylurea/biguanide), insulin; potentiation of the hypotensive effect by Acuitel

neuroleptics, imipramine: potentiation of the hypotensive effect of Acuitel tetracyclines and other active substances reacting with magnesium: reduced absorption. 4.6 Pregnancy and lactation

Experience with humans is inadequate with respect to the safety of use during pregnancy. Cases of a fetal syndrome have been described in recent years for ACE inhibitors, characterized by serious

hypoplasia of the skull bones, retarded intrauterine growth, oligohydramnia and neonatal anuria, and which may lead to the death of the neonate. The hypotensive effect on the fetus during the second and third trimester of pregnancy is considered to be the cause. If a switch is made to other antihypertensive medications in the first trimester of pregnancy, no such effects are to be expected. Prior to the use of an ACE inhibitor like Acuitel, pregnancy must be ruled out in women of child-bear

ing potential. During Acuitel treatment, these women must use suitable contraceptive measures. however, pregnancy is determined during Acuitel treatment, a switch must be made under medical supervision to another possible therapy with less risk for the child, since the child may suffer damage if Acuitel is taken, especially during the final 6 months of pregnancy.

If a nursing mother requires treatment, the infant must be weaned, since ACE inhibitors, including quinapril, pass into breast milk to a limited extent (cf. Contraindications!) 4.7 Effects on ability to drive and use machines

Treatment of hypertension with this drug requires regular medical control. Due to the different individ-ual reactions, the ability to operate a motor vehicle or machinery may be impaired. This applies especially at the start of treatment, if the preparation is changed, and in conjunction with alcohol, 4.8 Undesirable effects

The following adverse events have been observed during therapy with Acuitel or other ACE inhibitors The mentioned frequencies comply with the following incidences

very common (> 10%), common (1-10 %), uncommon (0.1-1 %), rare (0.01-0.1 %), and very rare (< 0.01 % including individual cases).

General disorders

Common: chest pain

Uncommon: anaphylactoid reactions, photosensitivity

Psychiatric disorders / nervous system disorders

Common: allergic skin reactions such as exanthema

ency measures)), uritcaria, extoliative dermatitis

sis, onycholysis, potentiation of Raynaud symptoms.

Skin and subcutaneous tissue disorders

Acuitel withdrawn if appropriate.

Renal and urinary disorders Common: impairment of kidney function

Very rare: acute kidney failure Eye disorders Uncommon: amblyopia

Common: irritative cough, dyspnea

Uncommon: eosinophilic pneumonia

Musculoskeletal disorders

Common: back pain

Rare: glossitis, thirst

Uncommon: hepatitis

aboratory values

Very rare: bronchospasm

Hepato-biliary disorders

or pancytopenia may occur.

Respiratory disorders

kidney function)

Cardiovascular disorders

Common: Especially at the start of Acuitel therapy and in patients with salt and/or fluid deficiency (for example due to vomiting, diarrhea, prior diuretic therapy), heart failure or serious hypertension, but also if the dose of Acuitel and/or diuretics is increased, there may be excessive decrease in blood pressure (hypotension, orthostasis) with symptoms like dizziness, feeling of weakness, blurred vision, rarely accompanied by loss of consciousness (syncope)

Rare: angina pectoris, palpitations, tachycardia, vasodilation, edema

Very rare: cardiac arrhythmias, myocardial infarction, TIA, cerebral insul

Common: headache, giddiness, exhaustion, insomnia, paresthesias, tiredness

Note: There is an elevated risk of angioneurotic edema in black patients

ues (eosinophilia, leukocytosis and/or elevated ANA titer, elevated ESR)

icterus occurs or there is a marked increase in hepatic enzymes)

tinine and potassium, decrease in serum concentrations of sodium

Very rare: hemolysis, increase in bilirubin and hepatic enzyme concentrations.

lated cases, whereby a causal relationship to the ACE inhibitor could not be established

equilibrium, confusion, tinnitus, blurred vision, changes in taste or transient loss of taste

Gastrointestinal disorders

Common: nausea, vomiting, diarrhea, (upper) abdominal pain, dyspepsia, pharyngitis, impaired digestion Rare: dry mouth, dry throat, flatulence, pancreatitis, constipation, anorexia

Uncommon: depression, nervousness, somnolence, vertigo, sleeping disorders, tingling, impaired

Uncommon: alopecia, excessive sweating, pemphigus, pruritus, angioneurotic edema involving the lips, face and/or extremities (very rarely with involvement of larvnx, throat and/or tongue (see emer-

Very rare: serious skin reactions like erythema multiforme, psoriasiform skin changes, flush, diaphore-

If a serious skin reaction is suspected, the physician must be consulted at once and therapy with

Skin changes may be associated with fever, muscle and joint pain (myalgias, arthralgias, arthritis), vas-

cular inflammation (vasculitis), inflammations of serous tissues and certain changes in laboratory val

Uncommon: urinary tract infections, impotence, proteinuria (sometimes with concurrent deterioration of

Very rare: cholestatic icterus or impaired liver function (therapy with the ACE inhibitor is to be withdrawn

Common: decrease in hemoglobin concentration, hematocrit, leukocyte or thrombocyte count as well

as, especially in patients with impaired renal function, increase in serum concentrations of urea, crea-

Uncommon: especially in patients with limited renal function, collagen diseases or concurrent therapy

with allopurinol, procainamide or certain drugs which suppress the defense reactions, hyperkalemia

anemia, thrombocytopenia, hemolytic anemia, neutropenia, eosinophilia. Rarely, even agranulocytosis

Hemolysis/hemolytic anemia, also in conjunction with G-6-PDH deficiency has been reported in iso-

An increase in serum potassium has been observed in patients with diabetes mellitus. The excretion

Very rare: ileus. Blood and lymphatic system disorders Uncommon: thrombocytopenia

of protein in urine may occur. Notes

Notes The above laboratory values should be monitored prior to and at regular intervals during Acuitel thera-py. Especially at the start of therapy and in risk patients (patients with kidney insufficiency, collagen dis-eases, under treatment with immunosuppresives, cytostatics, allopurinol, procanamide, digitalis gitocosides, glucocorticolds, laxatives, or elderly patients), controls of serum electrolytes and serum creati-nine concentrations and blood counts should be performed at short intervals.

If symptoms like fever, lymph node swelling and/or inflammation of the throat should occur during Acuitel therapy, the white blood count should be checked at once. 4.9 Overdose

4.9 Overdose a) Symptoms of intoxication The following symptoms are possible, depending on the extent of overdosing: serious hypotension, bradycardia, cardiovascular shock, electrolyte imbalance, kidney failure. b) Therapy of intoxication

a) The following emergency measures are recommended in the event of life-threatening angioneurotic

edema involving the tongué, glottis and/or larynx : Immediate subcutaneous administration of 0.3-0.5 mg epinephrine or slow intravenous administration of 0.1 mg epinephrine (follow the dilution instructions!), under control of ECG and blood pressure; sub-

b) C in the purpoint of the total of the control of the control

or known of inactivator denciency. b) Therapeutic measures in overdosing or infoxication depend on the route and time of administration as well as the nature and severity of the symptoms. In addition to general measures, to eliminate quinapril (such as gastric lavage, administration of

absorbents and sodium sulfate within 30 minutes after quinapril was taken), the vital parameters must be monitored or corrected under intensive-medical conditions. Quinapril is hardly dialysable.

In hypotension, saline and volume substitution should first be made, if there is no response, cate-cholamines should in addition be administered intravenously. Therapy with angiotensin II may be considered

Pace-maker therapy should be performed in case of therapy-refractive bradycardia. Electrolyte and creatinine concentrations in serum should be continuously monitored.

5. PHARMACOLOGICAL PROPERTIES

5.1 Pharmacodynamic properties

Pharmacotherapeutic group

Angiotensin converting enzyme inhibitor

C09AA06

C09AA06 Quinapril is hydrolyzed in the liver to quinaprilat, which is an inhibitor of the angiotensin converting enzyme (ACE). The angiotensin converting enzyme (ACE) is a peptidy/dipeptidase, which converts angiotensin Ito the vasoconstricting substance angiotensin II. Inhibition of ACE leads to reduced formation of the vasoconstricting angiotensin II in tissue and plas-ma, whereby aldosterone secretion is reduced, thus permitting an increase in serum potasium con-mation. Bevated plasma renn activity results from the elimination of the negative back-coupling of contenion. angiotensin II to renin secretion.

Since ACE also metabolizes bradykinine, a vasodepressive peptide, increased activity of circulating and local callicrein-kinine systems (and thus activation of the prostaglandin system) result from inhibi-tion of ACE. It is possible that this mechanism is involved in the antihypertensive effect of ACE inhibitors and is partially responsible for certain adverse effects

and is partially responsible for bertain adversate energies. Moreover, it has been clinically demonstrated that quinapril reduces acetylcholine-induced vasocon-striction, an indication of improvement in endos holial dysfuencient. A further effect, of which the mechanism has not yet been elucidated, is the elevation of insulin sensi-

tivity.

Pharmacodynamics

In hypertensive patients, guinapril produces reduction of blood pressure supine and standing, without a compensating increase in heart rate.

In hemodynamic studies, quinapril produces a marked reduction in peripheral arterial resistance.

In hemodynamic studies, guinapril produces a marked reduction in peripheral arterial resistance. Usually, there was no clinically relevant changes in renal plasma flow and glomerular filtration rate. In most patients, the onset of antihypertensive effect was observed about 1 hour after oral administra-tion, the maximum effect is usually attained after 2-4 hours. The maximum typotensive effect of a defined quinapril dose was usually apparent after 3-4 weeks. The antihypertensive effect is maintained by the recommended daily dose even during long-term therapy. Brief withdrawal of quinapril dose not result in rapid, excessive increase in blood pressure (rebound there is the state of the state o effect).

Hemodynamic studies on patients with heart failure showed that guinapril produces a decrease in peripheral systemic resistance and elevation of venous capacity. This results in reduction of the pre-and afterload of the heart (decrease in ventricular filling pressures). Moreover, an increase in cardiac output, stroke index and exercise capacity has been observed under treatment with guinapril. 5.2 Pharmacokinetic properties

Pharmacokinetic

Pharmacokinetics Following oral administration of quinapril, maximum quinapril concentrations are observed within 1 hour. Food consumption has no effect on quinapril absorption. After absorption, quinapril is rapidly and atmost completely metabolized to the actually active main metabolite quinaprilat. In addition, some other quantitatively unimportant and pharmacologically inactive metabolites are formed. Maximum plasma levels of quinaprili, the active metabolite, are observed about 2-3 hours after oral administra-tion of quinapril. Protein binding of quinapril and quinaprilat is about 97 %. About 60 % of a quinapril dose are eliminated via the kidneys, 40 % with feces. Quinaprilat is eliminated primarily via the kidneys; the plasma half-life is about 3 hours, the dissociation half-life from ACE about 26 hours. In patients with renal insufficiency, normal quinapril and quinaprilat plasma curves are measured up to creatinine clear ance of 60 m/min. If creatinine clearance is less than 60 m/min, the quinaprilat levels increase, the time

ance of so memin, in creatinine clearance is less man of mellinin, ine quinapintai tevels increases, the time to ocurrence of plasma level nearaines is prolonged, the elimination half-life is also prolonged. Pharmacokinetic studies on patients with terminate and kindry disease, undergoing chronic hemodation parated with icottatient prolonael dialysis, showed that dialysis has only a slight influence on the elimination. ination of guinapril and guinaprilat. The elimination of guinaprilat is also slower in elderly patients (older than 65 years of age) and in patients with serious heart failure. The slowing correlates with limitation of the renal function, which is often present in elderly patients. Patients with moderately limited renal function (creatinine clearance 30-60 ml/min) or severely limited renal function (10-30 ml/min), and in elderly patients, it may therefore be necessary to reduce the quinapril dose. Bioavailability

Based on recovery studies in urine, guinapril absorption following oral administration is about 60 %. 5.3 Preclinical safety data

Acute toxicity The LD50 values following oral administration of quinapril were 1440-2150 mg/kg in mice and 3541-2820 mg/kg in rats. The values following intravenous administration were 504-523 mg/kg (mice) and 107-300 mg/kg (rats).

Chronic toxicity was examined in rats and dogs using doses up to 100 mg/kg for 1 year. Weight loss, Chronic toxicity was examined in rats and dogs using doses up to 100 mg/kg for 1 year. Weight loss, elevated service mBUN, renin and a decrease in glucose values were found. The heart weights were reduced, the kidneys showed degenerative changes and juxtaglomerular hypertrophy or hyperplasia. The dog studies showed similar results. Here, too, an increase in plasma renin values and juxtaglomerular hypertrophy was observed. Under the highest doses, the serum BUN values and the hepatic enzyme values were elevated in some animals.

Some animation works biordestric erosions, in the highest dose group, focal inflammations were observed in the liver. The changes in kidneys observed in rats and dogs given very high doses are typical for ACE inhibitors and do not appear to be the result of a direct toxic effect, but an excess pharmacological effect

influincis and do not appear to be the result of a direct toxic effect, but an excess pharmacological effect (conspicuous prolonged hypotension, situation of cells containing renin). Tumorigenic and mutagenic potential No tumorigenic effects were observed in studies on rats and mice with daily doses of 75 or 100 mg/kg. Quinapril has been sufficiently examined for mutagenic potential. There was no relevant evidence of mutagenic potential. Quinapril also showed no mutagenic properties in the Ames test with and without metabolic activation. Quinapril had no mutagenic effect in vitro or in vivo in extensive testing in gene and chromosome mutation tests.

Reproduction toxicity

Heproduction toxicity Studies on rats with doses up to 300 mg/kg/day and rabbits up to 1.5 mg/kg/day brought no evidence of a teratogenic potential. While no embryotoxic effects were observed in rats, dam-toxic and toxic effects were observed in rabbits starting at a dose of 1 mg/kg/day. In administration during fetal development and lactation, the growth of the rat offspring was retarded starting at doses of 25 mg/kg/day.

No detriment to fertility was observed in parent animals or offspring. No experience has been gained in the administration to pregnant women. Retarded growth in utero premature birth and persistent Ductus arteriosus have been observed in connection with the use of premative only and persistent occurs an encourse have been carified whether and to what extent the drug other inhibitors of the converting enzyme. It has not been carified whether and to what extent the drug may be responsible for these pathological changes, in rare case, irreversible anuria has been observed in the neonate when the mothers were treated with a combination of ACE-inhibitor and diuretic. No studies have been made of placental permeability.

6. PHARMACEUTICAL PARTICULARS

6.1 Other ingredients

Candililla wax, crospovidone, gelatin, hyprolose, lactose monohydrate, macrogol 400, magnesium car-bonate, magnesium stearate (Ph. Eur.), hypromellose, titanium dioxide (E 171).

6.2 Incompatibilities

No incompatibilities are known so far.

6.3 Shelf life

The product should be used before the expiry date written on the outer carton. 6.4 Special precautions for storage

Do not store above 25°C

6.5 Nature and contents of container

Acuitel 5

30 film-coated tablets

Acuitel 10 30 film-coated tablets

Acuitel 20

30 film-coated tablets

6.6 Instructions for use and handling

7. MANUFACTURED BY

Pfizer Manufacturing Deutschland GmbH - Betriebsstätte Freiburg Mooswaldallee 1 79090 Freiburg / Germany Under license of Parke-Davis 8. DATE OF REVISION OF THE TEXT

April 2005

THIS IS A MEDICAMENT

Medicament is a product which affects your health and its consumption contrary to instructions is dangerous for you.

Follow strictly the doctor's prescription, the method of use and the instructions of the Pharmacist who sold the medicament.

- The doctor and the pharmacist are the experts in medicines, their benefits and risks.
- Do not by yourself interrupt the period of treatment prescribed
- Do not repeat the same prescription without consulting your doctor.
- Keep all medicaments out of reach of children

Council of Arab Health Ministers

Union of Arab Pharmacists