

DESCRIPTION

Diffucan® (fluconazole), the first of a new subclass of synthetic triazole antifungal agents, is available as capsules for oral administration and as a sterile solution for intravenous use. administration and as a sterile solution for intravenous use. Fluconazole is designated chemically as 2,4-difluoro-bis(1H-1,2,4-triazol-1-yimethyl) benzyl alcohol with an empirical formula of C₁₂H₁₂F₂N₃O and molecular weight 306.3. The structural formula in the control of the contr



Fluconazole is a white crystalline solid which is slightly soluble in water and saline. Diffucan® capsules contain 50, 150 and 200 mg of fluconazole. Diffucan® injection is an iso-carnotic, sterile, non pyrogenic solution of fluconazole in a sodium chloride or dextrose diluent.

THERAPEUTIC INDICATIONS

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Therapy may be instituted before the results of the cultures and other laboratory studies are known; however, once these results become available, anti-infective therapy should be adjusted accordingly

- Cryptococcesis, including cryptococcal meningitis and infections
 of other sites (e.g., pulmonary, cutarieous). Normal hosts and
 patients with AIDS, organ transplants or other causes of
 immunosuppression may be treated. Fluconazole can be used as maintenance therapy to prevent relapse of cryptococca disease in patients with AIDS.
- Systemic candidiasis, including candidemia, dissen conditions and other forms of invasive cardial infection. These include infections of the peritorisum, endocardium, eye, and pulmonary and urinary tracts. Patients with malignancy, in intensive care units, receiving cytotoxic or immunosuppressive therapy, or with other factors predisposing to candidal infection may be treated.
- Muosal candidiasis. These include cropharyngest, esophagest, non-invasive bronchopulmonary infections, candiduria, muocoutareous and cirvorio oral atrophic candidiasis (dentures sore mouth). Normal hosts and patients with compromised immune function may be treated. Prevention of relapse of cropharyngeal candidiasis in patients with AIDS.
- Genital cendidiasis. Vaginal candidiasis, acute or recurrent; and prophylaxis to reduce the incidence of recurrent vaginal candidiasis (3 or more episodes a year). Candidat batantils.
- Prevention of fungal infections in patients with malignancy who are predisposed to such infections as a result of cytotoxic chemotherapy or radiotherapy.
- Dermatomycosis including tinea pedis, tinea corporis, tinea cruris, tinea versicolor, tinea unguium (onychomycosis), and dermal candida intections.
- Deep endemic mycoses in immuno-competent patients, coccidioidomycosis, paracoccidioidomycosis, sporotrichosis and cocodioidomyco histoplasmosis.

POSOLOGY AND METHOD OF ADMINISTRATION
The daily dose of Diffucant® (fluconazole) should be based on the
nature and severity of the fungle infection. Most cases of vaginal
nature and severity of the fungle of the fluctuation of the following the
property of the fluctuation of the

Use in Adults

1. For cryptococcal meningitis and cryptococcal infections at other
sites, the usual dose is 400 mg on the first day followed by 200 to
400 mg once daily. Duration of treatment for cryptococcal infections
will depend on the clinical and mycological response, but is usually at least 6-8 weeks for cryptococcal meningities

For the prevention of relapse of cryptococcal meningitis in patients with AIDS, after the patient receives a full course of primary therapy, Diffucan® may be administered indefinitely at a daily dose of 200

- For candidemia, disseminated candidiasis and other invasive candidal infections, the usual dose is 400 mg on the first day followed by 200 mg daily. Depending on the clinical response, the dose may be increased to 400 mg daily. Duration of treatment is based upon the clinical response
- 3. For oriognaryngeal candidasis, the usual close is 50 to 100 mg one daily for 7-14 days. If necessary, treatment can be considered for longer periods in patients with severely compromised immune function. For attorphic oral candidiasis associated with detunction, the usual dose is 50 mg once daily for 14 days administered concurrently with local antiseptic measures to the denture.

For other candidal infections of mucosa except genital candidisals (e.g., esophagitis, non-invasive broncho-pulmonary infections, candiduria, mucocutaneous candidisals, etc.) the usual effective dose is 50 to 100 mg daily, given for 14-30 days.

For the prevention of relapse of oropharyngeal candiciasis patients with AIDS, after the patient receives a full course of print therapy, Diffucan® may be administered at a 150 mg once week

For the treatment of vaginal candidiasis, Diflucan[®] 150 mg should be administered as a single oral dose.

once monthly dose may be used. The duration of therapy should be individualized, but ranges from 4-12 months. Some patients may require more frequent dosing.

For Candida balanitis, Diflucan® 150 mg should be administered as a single oral dose.

5. The recommended Diffucan® dosage for the prevention of candidates is 50 to 400 mg once daily, based on the patient's risk infection, e.g., patients who are anticipated to have profused or prolonged neutropenia, the recommended daily dose is 400 mg once daily. Diffucan® administration should start several days before the anticipated onset of neutropenia and continue for 7 days after the naturopin count rises above 1000 cells per million for the countries above 1000 cells per million.

For dermal infections including tinea pedis, corporis, cruris and candida infections, the recommended dosage is 150 mg once weekly or 50 mg once daily. Duration of treatment is normally 2 to 4 weeks but tinea pedis may require treatment for up to 6 weeks.

For tinea versicolor, the recommended dose is 300 mg once weekly for 2 weekly, a third weekly dose of 300 mg may be needed in some patients, whereas, in some patients, whereas, in some patients, engle dose of 300 to 400 mg may be sufficient. An alternate dosing regimen is 50 mg once daily for 2 to 4 weeks.

- For finea ungulum, the recommended dosage is 150 mg once weekly. Treatment should be continued until infected nail is replaced (uniffected nail grows at). He grown of highersials and loenails and uniffered in the state of the
- For deep endemic mycoses, doses of 200 to 400 mg daily for up to 2 years may be required. The duralion of therapy should be includeduated but ranges from 11-28 months with occadiocomycosis, 2-17 months with paracoccidioromycosis, 1-16 months with spototifichasis and 3-17 months for histoplasmosis.

Use in Children: As with similar infections in adults, the duration of treatment is based on the clinical and mycological response. The mixtimum adult fally dosage should not be exceeded in children. Diffucanto is administered as a single dose each day.

The recommended dosage of Diffucan® for mucosal candidiasis is 3 mg/kg daily. A loading dose of 6 mg/kg may be used on the first day to achieve steady state levels more rapidly.

For the treatment of systemic candidiasis and cryptococcal infections, the recommended dosage is 6 to 12 mg/kg daily, depending on the severity of the disease

For suppression of relapse of cryptococcal meningitis in children with AIDS, the recommended dose of Diffucan® is 6 mg/kg once

For the prevention of fungal infections in immuno-compromised patients considered at risk as a consequence of neutropenia following cytotox chemotherapy or radicherancy, the dose chould be 3 to 12 mg/kg daily depending on the extent and distration of the induced neutropenia (see Use in Adults). (For children with impaired renal function, see Use in Renal Impairment).

Use in Children 4 weeks of age and younger: Neonales excrete Diflucan* (fluconazole) slowly. In the first two weeks of tile, the same mg/kg dosing as in older children should be used but administered every 27 hours. During weeks 3 and 4 of life, the same dose should be given every 45 hours.

Use in Elderly: Where there is no evidence of renal impair normal dosage recommendations should be adopted. For patients with renal impairment (creatinine clearance <50 ml/min) the dosage schedule should be adjusted as described bei

Use in Renal Impairment: Diffucan® (flucoruzcie), is predominantly excreted in the unine as unchanged dury. No adjustments in single-dose therapy are necessary. In patients (including children) with unpared mail function who will recover matigate doses of Diffucan®, as install localizing dose of 50 to 40 mg should be given. After the ast install localizing dose, the disky dose (according to indication) should be based on the following table:

Creatinine Clearance	Percent of
(ml/min)	Recommended Dose
>50	100%
≤ 50 (no dialysis)	50%
Regular dialysis	100% after each dialysis

Patients on regular dialysis should receive 100% of the recommended dose after each dialysis; on non-dialysis days, patients should receive a reduced dose according to their creatinine clearance

Administration
Difficaré* may be administrated either orally or by intravenous
Difficaré* may be administrated either orally or by intravenous
obspendent on the clinical state of the patients. The provide being
dependent on the clinical state of the patients, there is no need
to change the day dosage. Difficaré* is formulated in 0.9% sodium
chindre solution, each 200 mg (100 mt bottle) containing 15 mmol
chindre solution of 19 decause Difficaré* is available as a disubsalifie solution. Or Secusio Difficaré is available as a disubsalifie solution; or solution or solution or solution or consideration should be given to the rate of fluid administration.

CONTRAINDICATIONS

Diffucan® (fluconazole) should not be used in patients with known sensitivity to the drug, any of the inert ingredients or to related azole compounds.

Co-administration of terfenadine is contraindicated in patients receiving Diffuciant® (fluonacole) at multiple doses of 400 mg per day or higher based upon results of a multiple dose interaction study. Or-administration of other drugs known to prolong the CT interval and which are metabolised via the enzyme CYPS44 such rainerval and which are metabolised via the enzyme CYPS44 such as collegive, assembled promotes and quindine are contrarradicated as collegive, assembled and publicated fluoromazole (see soctions Special Warnings and SQ Diffucient® fluoromazole) (see ottors Special Warnings and SQ Diffucient® for Use and Interaction with Other Medicalments and Other Forms of Interaction) interaction.

SPECIAL WARNINGS AND PRECAUTIONS FOR USE

Fluconazole should be administered with caution to patients with liver dysfunction

Fluconizable has been associated with rare clases of sensus hippacitics stoody including facilities, primarily in patients with sensus underlying medical conditions. In cases of fluconizable associated hepatotoxicity, no obvious relationship to total dayl dose, duration of interrupt, sensor or age of patient has been observed. Fluconizable hepatoloxicity has usually been reversible on discontinuation of herapy. Patients has usually been reversible on discontinuation of herapy hepatomia liver fluconizable short patients and the patients of herapy hepatomia in the sensor herapy hepatomia in the patients of the develop abcromal liver function less during fluconizable short patients and the described of the development of more sensus hepaties of the patients of the development of the d

attributable to fluconazole

Patients have rarely developed exfoliative cutaneous reactions, such as Stevens-Johnson syndrome and toxic epidermal necrolysis, during treatment with fluconactio, AICS patients are more protect with fluconactio, AICS patients are more protecting to the state of th

The co-administration of fluconazole at doses lower than 400 mg/dgy with tertenacine should be carefully monitored (see sections Contraindications and Interaction with Other Medicaments and Other Forms of Interaction).

in rare cases, as with other azoles, anaphylaxis has been reported

Some azoles, including fluconazole, have been associated with prolongation of the O'll interval on the electrocardiogram. During post-marketing surveillance, their one process that the proposition of the order of and concomitant medications that may have been contributory

Fluconazole should be administered with caution to patients with these potentially proarryhthmic conditions.

Fluconazole should be administered with caution to patients with renal dysfunction (see also Posology and Method of Administration)

Fluconazole) is a potent CYP2C9 inhibitor and a moderate CYP3A4 inhibitor. Pluconazole treated patients who are concomitantly treated with drugs with a narrow therapeutic window metabolised through CYP2C9 and CYP2A4 should be monitored (see section interaction with Other Medicaments and Other Forms of Interaction).

Fluconazole capsules contain lactose and should not be given to patients with rare hereditary problems of galactose intolerance, Lapp lactase deficiency or glucose-galactose malabsorption.

INTERACTION WITH OTHER MEDICINAL PRODUCTS AND OTHER FORMS OF INTERACTION

- Concomitant use of the following other medicinal products are contraindicated:

 C clasprice. There have been reports of cardiac events including treatment of products of promise properties of the conspired of promise properties of the conspired of promise produced and produced of the conspired of the conspired produced of the contraindicated in patients receiving fluorinazine deep section Contraindicated in patients receiving fluorinazine (see section Contraindicated).
- Terlenadine: Because of the occurrence of si Terlenadine: Because of the occurrence of serious cardiac dystrythmias secondary to protongation of the OTE interval in patients receiving acrole antitungals in conjunction with patients receiving acrole antitungals in conjunction with referriadini, interaction studies have been performed. One study at a 200 mg daily dose of fluorinaziole tased to demonstrate at a 200 mg daily dose of fluorinaziole tased to demonstrate at 200 mg daily dose of fluorinaziole tased to demonstrate at 200 mg daily dose of fluorinaziole tased to demonstrate tased concentrate at 200 mg daily dose of fluorinaziole at 200 mg daily dose of 400 mg per daily or greater with referriadine is contraindicated (see section Contraindications). The combined use of fluorinaziole at 200 mg daily desired tased to the contraindication (see section Contraindications).
- Astamizole: Concomitant administration of fluorinazole with astemacies may decrease the cleaning of astemacies. Figuraling increased plasmic concentrations of a concentration of profongation and rare occurrences of foreside de pointed concomiseration of fluorinazole and astemizole is contrandicated (see section Contrandications).
- Pimozide: Although not studied in vitro or in vivo, concomitant administration of fluoruzzole with pimozide may result in inhibition of pimozide metabolism: Increased pimozide plasma concentrations can lead to OT protongation and rare occurrences of torsade de pointes. Coediministration of fluorunazole and pimozide is contraindicated (see section Contraindications).

nitant use of the following other medicinal products

concomitant use or the tollowing other medicinal products cannot be recommended: Erythromycin: Concomitant use of fluconazole and erythromycin has the potential to increase the risk of cardiotoxicity (prolonged OT interval, lorsades de pointes) and consequently sudden heart death. This combination should be avoided.

Concomitant use of the following other medicinal products lead to precautions and dose adjustments:

The effect of other medicinal products on Diffucan® (fluconazole)

- Hydrochlorothiazide: in a pharmacokinetic inte Flydrochlorothiazdes in a pharmacokinetic interaction study, co-administration of multiple-does hydrochlorothiazde to healthly voluntieers receiving fluconazole increased plasma concentrations of fluconazole by 40%. An effect of this magnitude should not nicessitate a change in the fluconazole dose regimen in subjects receiving conomitant disuretoss.
- Rifampicin: Concomitant administration of fluconazole and rifampicin resulted in a 25% decrease in the AUC and a 20% shoreh fall-fle of fluconazole. In patients receiving concomitant rifampicin. an increase of the fluconazole dose should be

The effect of Diflucan® (fluconazole) on other medicinal products
Fluconazole is a potent inhibitor of cytochrome P450 (CYP)

Fluconazole is a potent inhibitor of cytochrome P450 (CVP) inconcepted 25 and moderais inhibitor of CVPA4A, In addition to the observed /documented interactions mentioned below there is a risk of forceased plasma concentration of other compounds metabolized by CYP2C9 and CYP3A4 compounds metabolized by CYP2C9 and CYP3A4 compounds metabolized by CYP2C9 and CYP3A4 compounds of the compound of the compound of the patients should be carefully monitored. The enzyme inhibiting effect of technologies of the continuation of the

Amitriptyline, nortriptyline: Fluconazole increases the effect of amitriptyline and nortriptyline. 5- nortriptyline and/or 5-amitriptyline may be measured at initiation of the combination therapy and

after one week. Dosage of amitriptyline/nortriptyline should be adjusted, if necessary.

· Amphotericin B: Concurrent administration of fluconazole and

amphotericin B in infected normal and immunosuppressed mice showed the following results: a small additive antifungal effect in systemic infection with C. aldiseans, no interaction in intracranial infection with Chyptococcus neoformans, and antiglonism of the two drugs in systemic infection with A. furnigatus. The clinical significance of results obtained in these studies is unknown.

- Anticoagulants: In an interaction study, fluconazole increased the prothrombin time (12%) after warfarn administration in healthy males. In poet-markeling experience, as with other azole antitingals, bleeding, events (bruising, epistaxis, gastrointestimal bleeding, hematuria, and melenal) have been reported, in association with increases in prothrombin time in patients receiving fluconazole occlusivariety with warfarn. Prothrombin time in patients receiving fluconazole occlusivariety with warfarn. Prothrombin time in patients receiving fluconazole occlusivariety with warfarn. Prothrombin time in patients receiving fluconazole occlusivariety with warfarn. Prothrombin time in patients receiving fluconazole occurrents of the prothrombin time in patients receiving fluconazole occurrents of the prothrombin time in patients and prothrombin time in patients are considered to the prothrombin time in patients and prothrombin time in patients are considered to the patients are considered to the prothrombin time in patients are considered to the necessary
- Azithromycin: An open-label, randomized, firree-way crossover study in 18 healthy sobjects assessed the effect of a single 1200 mg oral dose of azithromycin on the paramacoknetics of a single 800 mg oral dose of fluoronazole as well as the effects of fluoronazole on the pharmacoknetics of azithromycin. There was no significant pharmacoknetic interaction between fluoronazole and azithromycin.
- Benzodiazepines (Short Acting): Following oral administration of midazolam, fluconazole resulted in substantial norceases in midazolam concentrations and psychomotor effects. This effect on midazolam appears to be more pronounced following oral administration of fluconazole than with fluconazole daministration clamping the concentration of the particular properties of the properties of the properties of the particular properties of the patterns should be given to decreasing the benzodiazopine dosage, and the patterns should be appropriately mynitored.
- Fluconazole increases the AUC of triazolam (single dose) by approximately 50%, Crnax with 20-32% and increases 1½ by 25-50 % due to the inhibition of metabolism of triazolam. Dosage adjustments of triazolam may be necessary.
- Carbamazepine: Fluconazole inhibits the metabolism of carbamazepine and an increase in serum carbamazepine 30% has been observed. There is a risk of developing carbamazepine toxicity. Dosage adjustment of carbamazepine may be necessary depending on concentration measure-
- Calcium Channel Blockers: Certain'd litydropyridire calcium channel antagonists (infections, Isradioins, amiodipre and potential to increase the systemic exposure of the calcium channel antagonists. Frequent monitoring for adverse events is recommender.
- Celecoxib: During concomitant treatment with fluconazole (200 mg daily) and celecoxib (200 mg) the celecoxib cmax and AUC increased by 68% and 134%, respectively. Half of the celecoxib dose may be necessary when combined with fluconazole.
- Cyclosporin: Fluconazole significantly increases the concentration and AuC of cyclosporin. This combination may be used by reducing the dosage of cyclosporin depending on cyclosporin
- Cyclophosphamide: Combination therapy with cyclophosphamide and fluconazole results in an increase in serum bilirubin and serum creatinine. The combination may be used while taking increased consideration to the risk of increased serum bilirubin.
- Pentanyl: One fatal case of possible fentanyl fluconazole interaction was reported. The author judged that the patient died from fentanyl intoxication. Furthermore, in a randomized crossover study with twelve healthy volunteers it was shown that fluconazole delayed the elimination of fentanyl significantly. Elevated fentanyls concentration may lead to respiratory.
- Halofantrine: Fluconazole can increase halofantrin concentration due to an inhibitory effect on CYP3A4.
- HMG-CoA reductase inhibitors: The risk of myopathy and HMG-CoA reductase inhibitors: The risk of myopathy and maborimyorials increases when fluornazole is coadministened with HMG-CoA reductase inhibitors metabolised through CYPSA4, such as atomastain and simusatain; or through CYPSA5, such as fuvestains in concornant herapy in creasing the patient should be observed for symptoms of myopathy and fresh patient should be observed for symptoms of myopathy and fresh patient should be observed for symptoms of myopathy and fresh patients of the control of the control of the control of the MMC of the control of the control of the control of the marked increase in creatinine kinase is observed or myopathy/mabdomyolysis is diagnosted or suspected.
- Losartan: Fluconazole inhibits the metabolism of logartan to its active metabolite (E-31 74) which is responsible for most of the angiotensin in-receptor anlagonem with courn during treatment with losartan. Patients should have their blood pressure monitored continuously.
- Methadone: Fluconazole may enhance the serum concentration of methadone. Dosage adjustment of methadone may be
- Non-steroidal anti-inflammatory drugs: The Cmax and AUC of flurbiproten were increased by 23% and 31%, respectively, when coadministend with suconacie compared to administration when coadministend compared to administration pharmacologically active isome (5x1-)-buproten) were acreased by 15% and 82%, respectively, when fluronazole was coadministered with racemic ibuproten (400 mg) compared to administration of nacemic buproten aione.

Although not specifically studied, fluconazole has the potential to increase the systemic exposure of other NSAIDs that are metabolized by CYP2G9 (e.g. naproxen, Inoxicoam, metoxicam, dicofenac). Frequent monitoring for adverse events and toxicity related to NSAIDs is recommended, Adjustment of dosage of NSAIDs may be needed.

- · Oral Contraceptives: Two pharmacokinetic studies Oral Contraceptives: Two pharmacokinetic studies with a combined ratio contraceptive have been performed using multiple doses of fluconazioli. There were no relevant fetteds on home level in the 50 mg luconazios etually, white at 200 mg campine AUCs of ethics, respectively. Thus, multiple dose use of 40% and 24%; respectively. Thus, multiple dose use of thiconaziole at these observations of the combined on the efficacy of the combined one to the combined one to the efficacy of the combined one to the efficacy of the combined one to the efficacy of the efficacy e
- · Phenytoin: Fluconazole inhibits the hepatic metabolism of

- henytoin. With coadministration, serum phenytoin concentration vels should be monitored in order to avoid phenytoin toxicity.
- Prednisone: There was a case report that a liver-transplanted patient freated with prednisone developed outse admend cortex insufficiency where a three month thereby with fluctoractic was caused an enhanced CVP3A4 activity which led to increased misabolism of prednisons. Patients o long-term treatment with fluconazoid and prednisons should be carefully monitored for adrenal cortex insufficiency when flucoracies and prednisons should be carefully monitored for adrenal cortex insufficiency when flucoracies is discontinued.
- Rifabutin: There have been reports that an interaction exists when fluconazole is administered concomitantly with rilabutin leading to increased serrum levels of rifabutin up to 80%. There have been reports of uveritis in patients to whom fluconazole and rifabutin were coadministered. Patients receiving rifabutin and fluconazole concomitantly should be carefully
- Saguinavir: Fluconazole increases the AUC of saguinavir with approximately 50%. Cmax with approximately 55% and decreases decarage of saguinavir with approximately 55% us to inhibition of saguinavir's hepatic metabolism by CYP3A4 and inhibition of P-glycoprotein. Dosage adjustment of saguinavir may be necessary.
- Sirolimus: Fluconazole increases plasma concentrations of sirolimus presumably by inhibiting the metabolism of sirolimus via CVP3A4 and P-glycorptein. This combination may be used with a dosage adjustment of sirolimus depending on the effect/concentration measurements.
- Sulfonylureas: Fluconazole has been shown to prolong the serum half-file of concentrally administered oral sulfonylureas (e.g., chlopropamide, gliberndainde, glibride, folloutamide) in healthy volunteers. Frequent monitoring of blood glucose and appropriate reduction of sulfonylurea dosage is recommended during coadministration
- Tacrolimus: Fluconazole may increase the serum concentrations of orally administered tacrolimus up to 5 times due to inhibition of stacrolimus metabolism through CYPSA4 in the intentions. No significant phismacokinetic changes have been observed when tacrolimus is given intravenously. Increased tacrolimus is evident accordinus is given intravenously. Increased tacrolimus is evidently. Dosage of randomistic administered tacrolimus about the decreased depending of administered tacrolimus about the decreased depending on tacrolimus concentration
- Theophylline: In a placebo controlled interaction study, the administration of fluconazole 200 mg for 14 days resulted in an 15% decrease in the mean plasma clearance rate of heophylline. Patients who are receiving high dose theophylline to who are otherwise at Increased risk for theophylline toxicity whole of contention at Increased risk for theophylline toxicity whole observed for signs of theophylline toxicity while receiving the content of the properties of the proposed of the content of the proposed of the proposed
- Vinca Alkaloids: Although not studied, fluconazole may increase the plasma levels of the vinca alkaloids (e.g., vincristine and vinbiastine) and Jead to neurotoxicity, which is possibly due to an inhibitory effect or CYP3A4.
- Vitamin A: Based on a case-report in one patient receiving combination therapy with ail-frane-retinoid acid (an acid form of vitamin A) and futonicative. (CN) related undestrable effects have developed in the form of pseudotunnour cerebit, which disappeared after discontinuation of thocopacide treatment. This combination may be used but the incidence of CNS related undestrable effects should be borne in mind
- Zidovudine: Flucorazole increases Cmax and AUC of zidovudine by 84% and 74%, respectively, due to an approx. 45% decrease in oral zidovudine clearance. The half-life of zidovudine was likewise protorged by approximately 125%. Flotowing combination threapy with funcionazole. Patients receiving this combination should be monitored for the development of zidovudine-related adverse reaction. Dosage reduction for zidovudine may be

Physicians should be aware that drug-drug interaction studies with other medications have not been conducted, but such interactions may occur.

Pregnancy and Lactation Use during Pregnancy: Data from several hundred pregnant women treated with doses <200 mg/day of Diffucan® (fluconazole), administered as a single or repeated dosage in the first trimester, show no undesired effects in the fetus

There have been reports of multiple congenital abnormalities in infants whose mothers were being freated for 3 or more months with high dose (400 to 800 mg/dsy) Discure? (flournazies) therapy for coordioistomycosis. The relationship between fluornazies use and these events is unclear. Advised fetal effects have been seen in animals only at high dose levels associated with maternal stockly, anatomical variants (supperminently 75s, renal peth disalon) and delays in ossification were observed at 25 and 50 mg/kg and higher doses. At doses ranging from 80 mg/kg (approximately 20-60x the recommended human dose) to 320 mg/kg embryolethality in rats was increased and fetal abnormal transitions and selections. These effects are be a result of known effects of lowered estrogen on pregnancy, organogenesis and parturition.

Use in pregnancy should be avoided except in patients with severe or potentially life-threatening fungal infections in whom Diffucan[®] (fluconazole) may be used if the anticipated benefit outweighs the possible risk to the fetus.

Use during Lactation: Dillucan® (fluconazole) is found in human breast milk at concentrations similar to plasma, hence its use in nursing mothers is not recommended.

UNDESIRABLE EFFECTS

In earns gatients, particularly those with serious underlying diseases, sax has CSS and cancer. Analysis in renar and hematical function test results and hepatic subnormalities (see section Special Warnings and Special Precautions for Use) have been observed during treatment with Diffucant® and comparative agents, but the inclined significance and relationship to treatment is uncertainty.

The following undesirable effects have been observed and reported during ineatment with Diffusions* with the following frequencies. Very common [s-1] to 10 to 1/10; uncommon [s-1], 00 common [s-1], 00 to 1/10; uncommon [s-1], 00 known (cannot be estimated from the available data). Pediatric Population: The pattern and incidence of adverse events and laboratory abnormalities recorded during pediatric clinical trials are comparable to those seen in adults.

System Organ Class	Frequency	Undesirable effects
Blood and the lymphatic system disorders	Rare	Agranulocytosis, leukopenia, neutropenia, thrombocytopenia
Immune system disorders	Rare	Anaphylaxis, angicedema
Metabolism and nutrition disorders	Rare	Hypertriglyceredemia, hypercholesterolemia, Hypokalemia
Psychiatric disorders Nervous system disorders	Common Uncommon Rare	Insomnia, somnolence Headache Seizures, dizziness, paraesthesia, taste perversion Tremor
Ear and labyrinth disorders	Uncommon	Vertigo
Cardiac disorders	Rare	Torsade de pointes, QT prolongation
Gastròintestinal disorders	Common	Abdominal pain, diarrhea, nausea, vomiting Dyspepsia, flatulence, dry mouth
Hepato-biliary disorders	Common Uncommon Rare	Alanine aminotransferase increased, aspartate amino transferase increased, blood lakaline phosphatase increased Cholestasis, jaunoloo, blirubin increased Hepatic toxicity, including rare cases of fatalities, Hepatic failure, hepatocellular carnage
Skin and subcutaneous tissue disorders	Common Uncommon Rare	Rash Pruritus, urticaria, increased sweating, drug eruption Toxic epidermal necrolysis, Stevens-Johnson syndrome, acute generalised exanthematous-pustulosis, dermattis exfoliative, face edema, alopecia
Musculoskeletal, connective tissue and bone disorders	Uncommon	Myalgia
General disorders and administration site conditions	Uncommon	Fatigue, malaise, asthenia, fever

OVERDOSAGE

OVERDOSAGE reports of overdose with Diffusarre (fluconace) There have been reports of overdose with Diffusarre (fluconace) to the property of the property of the property of the property in the event of over dosage, symptomatic treatment (with supportive measures and gastric lavage if necessary) may be adequate. Diffusare is largely excreted in the urins; forced volume distress would probably increase the elimination rate. A three-hour hemodialysis session decreases plasma levels by approximately

SHELF LIFE
Dillucan® (fluconazole) should not be used beyond the expiry date.

• Capsules: 36 months
• Intravenous infusion: 24 months

HOW SUPPLIED Offican® (counzole) is available with the following presentations
50 mg capsules: 75 bilister pack
150 mg capsules: 15 bilister pack
200 mg capsules: 45 bilister pack
intravenous infrusion: 50mL vial

Diflucan® (fluconazole) intravenous infusion is compatible with the

Diffucar® (fluonazole) intravenous following administration fluids:
a) Dextrose 20%
b) Ribger's solution
c) Harmann's solution
d) Potassium chloride in dextrose
e) Sodium bicarbonate 4.2%
f) Aminorbain
j) Normal saline

orinucering (nuconazole) may be infused through an existing line with one of the above listed fluids. Although no specific incompatibilities have been noted, mixing with any other drug prior to infusion is not recommended.

Use as directed by the physician.

INSTRUCTIONS

Avoid exposure to heat & sunlight. Store in a dry place below 30°C. Keep out of the reach of children.

CAUTION
To be sold on the prescription of a registered medical practitioner only

> خوراک: ۋاكٹرى بدايت كےمطابق استعال كريں۔ بدایات: دواکوری اورسورج کی روشی سے بچا کیں۔ ٣٠ وكرى سنقى كريد نے كم ورجة رارت رختك جكه من رفين -بچال کی پانٹی ہے دور کھیں۔ "تاکید: صرف رجشر ڈ میڈیکل پر پکٹشز کے نسخہ پر فروخت کریں۔



Manufactured by: Pfizer Pakistan Ltd. B-2, S.I.T.E., Karachi, Pakistan.