## **OMETON** (Omeprazole) Powder and solvent for solution for injection IV

COMPOSITION:

Each visi contains omegrazole sodium, equivalent to omegrazole 40 mg.

Each ampoule contains 10 ml of solvent for injection.

PHARMACEUTICAL FORM AND PRESENTATION:

Powder and solvent for solution for injection.

Package containing one vial and one solvent amoute (10 ml)

PHARMACO-TERAPEUTIC GROUP:

VII-3-b.3-Gestric antisecretory agents.

THE MARKETING AUTHORIZATION HOLDER:

LABESFAL - Laboratorios Almiro, S.A.

Campo de Sesteiros, Portugal

THERAPEUTIC-INDICATIONS:

Duodenal ulcer Benign gestric uicer Esophageal reflux

relapses Prevention and treatment of gastric and duodenal ulcers produced by long-term treatments with NSAIDs.

Maintenance treatment of esophageal reflux in order to prevent

Symptomatic treatment of gastro esophageal reflux In association with appropriate therapeutic antibacterial regimens used in the eradication of H. pylori in petients with H. pylori

associated with peptic ulcers. Zollinger-Ellison syndrome. Acidic dyspepsia treatment

CONTRA-INDICATIONS:

Known hypersensitivity to any of the constituents of the formulation. Association with clarithromycin is contra-indicated in patients with hepatic insufficiency.

SIDE-EFFECTS: Gastrointestinal effects:

Frequently (10%-1%): Diarrhea, constipation, flatulence (possibly with abdominal pain), nauses and vomiting. In most cases, these symptoms become milder with continuation of the therapy.

Rarely (0.1%-0.01%); a brown coloration of the tongus and benight plandular cists were observed during joint administration with clarithromycin; both are reversible with the interruption of therapy. Very rarely (<0.01%): Dry mouth, stomatitis, candidiasis or pancreatitis

Hepetic effects: Less frequently (1%-0.1%): Increase in liver enzymes

Very rarely (<0,01%): Hepatitis with or without joundice, hepatic feature and encefalophaty in patients with a pre-existent severe liver disease.

Blood and lymphatic system effects: Very rarely (<0.01%): Variations in blood counts, reversible thrombocytopenia, leucopenia or pancytopenia and agranuacytosis.

Rarely (0,1%-0,01%): Hipochromy, mycrocitic anemia in children. Skin and subcutaneous effects: Less frequently (1%-0,1%): Pruritus, cutaneous eruption, alobecia

Very rarely: Stevens-Johonson syndrome or toxic epidermal recrolysis: Skaletic Muscle affects Rarely (0.1%-0.01%): Muscular weakness, myalgic and arthritic

symptoms. Renal effects:

Very rarely (< 0.01%): interstitial nephritis. Nervous system effects:

Rarely (0.1%-0.01%): Paresthesia, slight headaches, lightheadness, reversible ments! confusion and halfucinations.

Frequently (10%-1%): Somnolence, insomnia, vertigo and headaches.

erythems multiforme or photosensitivity and increased sweather

Very rarely (<0,01%): Agitation and depressive reactions, specially in patients severely ill and in periatric patients.

Sensorial organs affects: Less frequently (1%-0.1%): blurred vision, hearing dysfunction or tasks disturbance. These symptoms disappear with therapy internation.

alcohol or food Simultaneous treatment with Omeprazole and algoxin in healthy subjects Atypersensitivity effects led to a 10% increase in the bioavailability of digoxin as a consequence of Very rarely (<0.01%): urticaria, high body temperature. angioedeme or anaphylactic shock, allergic vasculitis and fever. the increased intradastric pH. Omeorazole may reduce the oral absorption of Vitamin B12. Such fact should be taken into account in patients with low levels, and who are Other side affects Less frequently (1%-0.1%): peripheral cedema (resolved with under a long-term therapy. (nollamunion) :Very rarely (<0,01%): hyponatremia, gynaecomastia PRECAUTIONS: In case of gastric ulcer, it is recommended to verify the benign nature of INTERACTIONS: the ulcer before starting the treatment. Orden azole undergoes exidative metabolism, which involves the in patients with a positive Helicobacter cylori test, the microorganism Eviochrome P450 enzyme system and can therefore delay the should be eradicated threw the eradication therapy. earnington of certain drugs. Decreased gastric acidity due to any means including proton-bump inhibitors, increases pastric counts of bacteria normally present in the Monttonsation is recommended in petients receiving: gastrointestinal tract. Treatment with acid-reducing drugs may lead to a Diszepam, phenytoin, waffarth (Drubs metabolized by hepatic slightly increased risk of gastrointestinal infections, such as Salmonatia oxidation): Omeorazola may delay their elimination. A dose and Campylobacter. reduction may be necessary (specially in the case of the In patients taking Diszepam or Phenytoln. It may be necessary to reduce pherlyloin). Other drugs that may de affected are haxabarbital. the amount. citalogram, imigramine, clomipramine, etc. Theophylline and antivitamines K: special physician checking is Cissuffiram: Omeorazole may inhibit the hepatic metabolism of ... recommended. disultham, lebiated cases of muscular stiffness possibly related Omeprazole should be used with caution in genatric patients and in have been recorted. patients with renal and hepatic impairment. For patients with savera Plasma concentration of Omegrazoie and cienthromycin are hepatic impairment, a dosage of 20 mg per day is advised. anciessed during concomitant oral administration. Before treating ulcers related with NSAIDs, the discontinuation of this There is no evidence of an interaction with phenacetin. cause should be considered. meophyline, caffeine, propanoloi, metoproloi, cyclosporin. Maintenance treatment of ulcers associated with the ingestion of NSAIDs adocaine, guindine, pestradiol, amoxycillin or antiacids when should be restricted to risk patients. Orderrazole is given orally. In long-term treatments, especially over one year, the physician should Due to the low litragastric acidity, the absorption of ketoconazole revise the therapy and evaluate the benefit-risk relationship. er itraconazole may be reduced during the treatment with Care should be taken in patients with renal or hepatic impairment taking persprazole, as with other abid secretion inhibitors. combined therapy. The absorption of Omeorazole given orally is not affected by Omeorazole should not be used in infants or children younger then 2 Table containing important Omegrazole Interactions Other medicinal products SWeet Diszipam (and probably other benzodiazeolnas) Interaction with the enzyme CYP 2C of the Prolonged elimination time, increase of plasmetic M-Werfarm Phenytoin levels. eviochrome 450. Kaloonazola, Naconezole Elevation of gastric pH Reduced absorption (and other drugs with strength in place that on place Diogram Increase of 10% in biograficolity Elevation of castric oH Clarithromyclin, Routhwornjetel, Erythromyclin Variation of gastric pH and hepatic metabolism. High plasmatic concentrations: Increase of (and probably other metrolicies) bioxvallability and of omeprazoles half-life Alcohol, Amoxydlin, Sudesonide: Quinidirié, Caffaine Dictofenso, Estradiol, Lidocelas, Matrocolol. No pharmacokinetic veriation. Metronidatale, Neproxen, Feneletina, Piroxidam, Fruportalai, 8-Wenterin, Theophyline.

Y82/3 In patients severely #, sight and hearing should be monitorized, since legisted cases of blindness and deafness have occurred with the injectable form of omeprazole.

#### There is no evidence on the safety of Omeprazole in human pregnancy. Animal studies have revealed no teratogénico effect.

EFFECTS ON PREGNANT WOMEN AND NEONATES

As precaution, it is recommended: to not administer Omeorazola during the first three months of pregnancy: avoid in the following months unless there is no safer alternative. Omeorazole should not be given to breast feeding woman.

## EFFECTS ON ABILITY TO DRIVE AND USE MACHINES: Due to the pharmadological properties of Omeprazole, no effects

are foreseen. Besides very rare dates of side effects to the Central nervous system by to sight, no effects on driving capacity are to be expected.

# The powder of Omegrazole contains sodium hydroxide.

EXCIPENTS:

The solvent contains: polyethylene glycol 400, citric acid monchydrated and water for injection.

#### DOSAGE AND ADMINISTRATION: When oral administration is not suitable, for example in severe

an average decrease of 90% in 24 hours. in the Zoilinger-Ellison Syndrome, the dosage should be individually adjusted. Higher dosages or more frequent dosages may also be indicated. The IV solution for teleption of Omeorazole is prepared by mixing the solvent with the lyochilizate. The content of the vial should be completely dissolved in the 10 mi of solvent. No other solvent

cases a dosage of 40 mg per day is recommended. With this

dosage there is an immediate decrease of intragastric acidity, with

should be used. The following technique should be used: 1. With a syrings collect 10 ml of solvent from the ampoule: 2. Slowly join 5 mi of the tolvent to the lyophillzate:

3. Remove as much at as possible from the vial in order to reduce the positive pressure. This will facilitate the addition of the remember solvent. 4 Add the remaining solvent and certify that the ampoule is empty: 5. Shake the vial in order to guarantee a proper mixture of the

The solution for injection should only be administered intravelously as should not be mixed with other intravenous solutions. The injection solution should be given slowly over a period of least and a half minutes, with a maximum rate of 4 mi per minute. Use one only treatment on one only patient.

6. The reconstituted solution should be kept under 25°C and for a parising

Do not use the solution if it contains any particle. Any portion not used should be rejected. Use in children over 2 years of age with severe esophageal reflux:

wophilizate with solvent.

4 hours

There is limited experience of use in children. Omeprazole should only be used in children with severe acontage reflux resistant to other therapies. Treatment should be inlighted pediatric hospital. Continuous control of orl and genotypic determination (in recent to CY 2C19 situation) may be done and are appropriate for a good therape. response.

The following dosage should be considered: Weight 10 kg to 20 kg: 10 mg/day Weight over 20 kg: 20 mg/day (Approximately 1 mg/kg/day) Duration of the treatment is normally 4 to 8 weeks and should not exceed 12 weeks due to the lack of experience with long-term treatments children.

Maintenance treatment of esophageal reflux in order to prevent release The usual dose is of 10 to 20 mg per day, depending on the response.

Zollinger-Ellison Syndrome: Dosage should be individually adjusted and supervised by the physical

8 weeks.

The initial recommended dosage is of 60 mg once a day. Above 30 mg day, the dosage should be divided in two administrations. In par-

Zollinger-Ellison Syndrome the treatment has no duration limit.

Prevention and treatment of gastric and duodenal ulcers produced by long-term treatments with NSAIAs: The usual dose is of 20 mg per day. The duration of the treatment is of 4 to

Symptometic treatment of gastro esophageal reflux: The usual dose is of 10 to 20 mg par day, depending on the days

response. The duration of the treatment is of 2 to 4 weeks. If the symptoms do not decrease in 2 week of treatment, further

arew mono-herapy with Omeorazole. The combined therapy with metrohidazol should not be the first moice, since animal studies have induced suspicion that matronidazol la mutagánico. Acidic dyspensia treatment The usual dose is of 20 mg per day. Patients may answer to a 10 ing dose, so this could be donsidered to be the initial dose. In case the symptoms are not controlled in a 4 week period, with 20 mg checrazole per day, additional investigation is recommended. Lise in elderly posede adjustment la not necessary. anothed renal function: cose adjustment is not necessary in patients with impaired renal Ameton. mosired hepatic function half-life is increased in battents with impaired hepatic function. The dose redthres adjustment and a daily dose of 10 mg to 20 mg may be sufficient. OVERDOSE: A single oral dose up to 160 mg has been well tolerated. Besides symptomatic treatments there is no specific recommendation for the overdose situation. Any detected undesirable symptom, which is not mentioned in this

resents with gastric and duodenal ulcers due to H. pylori infection

arould be treated with an appropriate combination of antibiotics,

The selection of the adequate regime should be based on the batterist tolerability and on the therapeutic guidelines. The

Omeorazole 20 mg, Amoxycittin 1000 mg, Clarithromycin 500 mg,

Omeorazole 20 mg. Clarithromych 250 mg. Metronidazol 400-

The eradication treatment has the duration of 1 week, in order to avoid the development of resistance, duration of treatment should

in patients with active siders, the treatment may be prolonged

should be conducted.

Eraclosson treatment:

2 times a day

not be reduced.

500mg, at 2 times a day

following combinations were tested:

EXPIRY DATE:
Do not use after expiry date printed in the package.
Reconstituted solutions remain stable for 4 hours.

text, should be reported to your physician or your pharmacist.

Store under 25°C, protected from light and humidity.

July/ 2002