Size: 1 18 X 175 mm

For the use of a registered medical practitioner or a hospital or a laboratory only

Lanthanum Carbonate Chewable Tablets Panacea Biotec **FOSBAIT®**

Innovation in support of life

Description
Lanthanum carbonate 500 mg and 250 mg tablets are white to off white uncoated rectangular shaped tablets debossed with FOSBAIT * on one side and 500/250 on other side.

Pregnancy
There are no adequate data from the use of Lanthanum carbonate in pregnant women. Lanthanum carbonate is not recommended for use during pregnancy.

Use in special populations
Pragnancy
There are no adequate data from the use of Lanthanum carbonate in pregnant women. Lanthanum carbonate is not recommended for use during pregnancy.
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Pragnancy
There are no adequate data from the use of Lanthanum carbonate in pregnancy with Lanthanum carbonate in the potential benefit of animals. Caution should be used in taking a decision whether to continue/discontinue breast feeding to too continue-discontinue breast feeding to the child and the potential benefit of animals uncarbonate therapy to the nursing mother.

Fertility

CYP2US, CYP3AR, CYP2US of CYP2CI Invition. Undesirable effects

The most commonly reported adverse drug reactions, with the exception of headache and allergic skin reactions are gastrointestinal in nature; these are minimized by taking Lanthanum Carbonate with food and generally abated with time with continued dosing. The following convention was used for frequency of adverse drug reactions: Very common (≥1/10): Common (≥1/100 to < 1/10); Uncommon (≥1/10,00 to < 1/10); Uncommon (≥1/10,00); Rare (≥1/10,000 to < 1/10,00); Very rare (< 1/10,000), not known (cannot be estimated from the available details).

Infections and Infestations	
Uncommon	Gastroenteritis, laryngitis
Blood and lymphatic system disorders	
Uncommon	Eosinophilia
Endocrine disorders	
Uncommon	Hyperparathyroidism
Metabolism and nutrition disorders	
Common	Hypocalcaemia
Uncommon	Hypercalcaemia, hyperglycaemia, hyperphosphataemia, hypophosphataemia, anorexia, appetite increased
Nervous system disorders	
Very Common	Headache
Uncommon	Dizziness taste alteration

Size: 118 X 175 mm

Ear and Labyrinth disorders	
Uncommon	Vertigo
Gastrointestinal disorders	
Very Common	Abdominal pain, diarrhoea, nausea, vomiting
Common	Constipation, dyspepsia, flatulence
Uncommon	lleus, subileus, intestinal obstruction, irritable bowel syndrome, oesophagitis, stomatitis, loose stools, indigestion, gastrointestinal disorder (not otherwise specified), dry mouth, tooth disorder, eructation
Rare	Intestinal perforation
Skin and subcutaneous tissue disorders	
Uncommon	Alopecia, sweating increased
Musculoskeletal and connective tissue disorders	
Uncommon	Arthralgia, myalgia, osteoporosis
General disorders and administration site conditions	
Uncommon	Asthenia, chest pain, fatigue, malaise, peripheral oedema, pain, thirst
Investigations	
Uncommon	Blood aluminium increased, increase in GGT, increases in hepatic transaminases, alkaline phosphatase increased, weight decrease

Post marketing experience: During post-approval use of Lanthanum carbonate, cases of allergic skin reactions (including skin rashes, urticaria and pruritus) have been reported which show a close temporal relationship to lanthanum carbonate therapy. In clinical Irlais, allergic skin reactions were seen in both Lanthanum carbonate and placebolactive which show a close temporal relationship to lanthanum carbonate therapy. In clinical Irlais, allergic skin reactions were seen in both Lanthanum carbonate and placebolactive Although there have been a number of additional isolated reactions reported, none of these reactions are considered unexpected in this patient population. Transient OT changes have been observed but these were not associated with an increase of cardiac adverse events.

Overdose

No case of overdose has been reported. The highest daily dose of fanthanum administered to healthy volunteers during Phase I studies was 4718mg given for 3 days. The adverse No case of contractive mild to medreade and included nations are not been reported. The highest daily dose of fanthanum administered and included nations are not all the patients of the patients. The patients of the patients of the patients and Pharmacodynamics and Pharmacodynamics and Pharmacodynamics Properties.

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Hypocalcaemia was reported in 0.4% of patients with Lanthanum Carbonate compared with 20.2% on calcium-based binders in comparative studies. Serum PTH concentrations may fluctuate depending on a patient's serum calcium, phosphate and vitamin D status. Lanthanum Carbonate has not been shown to have any direct ef fects on serum PTH concentrations.

may fluctuate depending on a patient's serum calcium, phosphate and vitamin D status. Lanthanum Carbonate has not been shown to have any direct effects on serum PTH concentrations. In the long-term bone studies a trend towards increasing bone lanthanum concentrations with time in the control population was observed from the averaged data, the median of 1325byligh at 24 months. In patients treated with lanthanum carbonate, the bone lanthanum concentration increased uning the first 12 months of lanthanum carbonate between the patient of 1325byligh (lange 122-8515)yikigh). Median and range concentrations at 18 and 24 months were similar to 12 months. The Patient Done Disposies (at baseline and at one or two years) in patients randomized to either Lanthanum Carbonate or calcium carbonate or alternative therapy in a second study, showed no differences in the development of mineralization defects between the groups.

The European Medicines Agency has deferred the obligation to submit the results of studies with in Lanthanum Carbonate or or alternative the padeliatric population. The European Medicines Agency has deferred the obligation to submit the results of studies with in Lanthanum Carbonate one or more subsets of the paediatric population. Pharmacokinetic properties.

As binding between lanthanum and delary phosphorus occurs in the lumen of the stomach and upper small intestine, the therapeutic effectiveness of lanthanum carbonate is not dependent on levels of lanthanum in the plasma.

Lanthanum is present in the environment. Measurement of background levels in non-lanthanum carbonate hydrate-treated chronic renal failure patients during Phase III clinical traits revealed concentrations of 20.05 to 93 night, in plasma, and 40.000 to 1.0 gigh in bone blopps samples.

Lanthanum carbonate hydrate has low aqueous solubility (<0.01 mg/mL at pH 7.5) and is minimally absorbed following oral administration. Absolute oral bioavailability is estimated to be <0.002% in humans.

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In healthy subjects, plasma AUC and Cmax increased as a function of dose, but in a less than proportional manner, after single oral doses of 250 to 1000 mg lanthanum, consistent with dissolution-inhield absorption. The apparent plasma elimination half-life in healthy subjects was 36 hours.

In renal dialysis patients dosed for 10 days with 1000 mg lanthanum 3 times daily, the mean (± sd) peak plasma concentration was 1.06 (± 1.04) ng/mt, and mean AUC last was 31.1(± d.0.5) ng. him. Regular blood level monitoring in 1707 renal dialysis patients taking lanthanum carbonate hydrate for up to 2 years showed no increase in plasma lanthanum concentrations over this time period.

Distribution

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3.1.1(±4.0.5) ng.h/ml. Regular blood level monitoning in 1101 renal subsyse postures semigrate measures and the concentrations over this time penols.

Distribution

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All postures are substantially assume that the plasma in patients or in animals after repeated oral administration of fanthanum carbonate hydrate. The small fraction of orally administration of lanthanum above the systemic tissues, predominantly bone, liver and the gastrointestinal tract, including the mesenteric lymph nodes. In long-term animal studies, was widely distributed to systemic tissues, predominantly bone, liver and the gastrointestinal tract, including the mesenteric lymph nodes. In long-term animal studies, lanthanum concentrations in several tissues, including the gastrointestinal tract, broad and liver increased over time to levels several orders of magnitude above those in plasma. An apparent steady-state level of land-unar was attained in some tissues, e.g., the liver whereas levels in gastrointestinal tract increased with duration of treatment. Changes in tissue lanthanum levels after withdrawal of treatment varied between tissues. A relatively high proportion of lanthanum serial on dissues of lanthanum seen in long-term animal studies with high oral doses of lanthanum schools and the stream of the strea

studies, there was no evidence of increased plasma exposure to lanthanum or worsening hepatic function after treatment with lanthanum carbonate for periods up to 2 years. Elimination

Lanthanum is excreted mainly in the faces with only around 0.000031% of an oral dose excreted via the urine in healthy subjects (renal clearance approximately 1mL/min, representing -2% of total plasma clearance).

After intravenous administration to animals, lanthanum is excreted mainly in the faces (74% of the dose), both via the bile and direct transfer across the gut wall. Renal excretion was a minor route.

Incompatibilities: Not known

Shelf-life: Do not use the product after expiry date, printed on container label.

Shelt-ine: Do not use the product after expiry gate, printed on container Packaging Information FOSBATT 500/250 supplied as a chewable tablet in bottle of 30s. Storage and handling instructions Storage and handling instructions Storage and the production below 25°C, protect from light and moisture. Keep the bottle tightly closed after opening.

For more information and further detail contact: Panacea Biotec Ltd. B-1 Extn/A-27, Mohan Co-op. Indl. Estate, Matura Road, New Delhi – 110044, India.