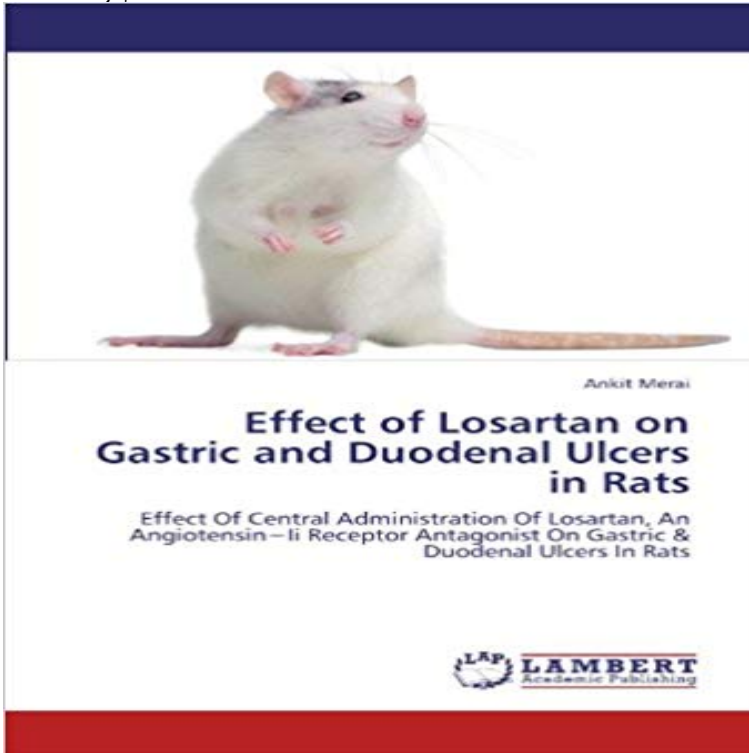


Effect of Losartan on Gastric and Duodenal Ulcers in Rats: Effect Of Central Administration Of Losartan, An AngiotensinII Receptor Antagonist On Gastric & Duodenal Ulcers In Rats



The effect of centrally administered losartan, an angiotensin-2 receptor antagonist on gastric acid secretion and gastric cytoprotection was studied using different models of gastric ulcers such as acetic acid-induced chronic gastric ulcers, pylorus ligation, ethanol induced and stress induce acute gastric ulcer and cysteamine hydrochloride induced duodenal ulcer. Losartan was administered intracerebroventrically at two different doses of 125 micro gm/kg and 250 micro gm/kg. Both doses of losartan increased healing of ulcer in acetic acid induced chronic gastric ulcer model. In pylorus legated rats, a significant reduction in free acidity, total acidity and ulcer index was observed with high dose while low dose produced reduction in free acidity and ulcer index. Both doses also showed significant antiulcer effect in ethanol-induced and stress-induced gastric ulcers. Losartan also reduced ulcer area in cysteamine-induced duodenal ulcer. It was concluded that angiotensin II receptor antagonism in brain increases healing of gastric ulcers and also prevents development of gastric and duodenal ulcers in rats.

Anti-inflammatory effects of angiotensin II AT1 receptor antagonism Other non-ulcer-related morphological changes in patients with cirrhosis and portal PHG can affect the whole stomach, despite suggestions that it is normally only . For example, rats that have been subjected to portal vein stenosis develop .. (2006) Clinical usefulness of the angiotensin II receptor antagonist losartan in **Role of renin-angiotensin system in gastric oncogenesis - NCBI - NIH** specific angiotensin II receptor antagonists like losartan, valsartan, irbesartan, eprosartan, and improve the administration of the 20 mg dose. . The long-term antihypertensive effect of telmisartan was investigated in gastric and/or duodenal mucosal erosions, and ulcers (in rats at doses ? 4 mg/kg/day and in dogs at. **Effect of Losartan on Gastric and Duodenal Ulcers in Rats: Effect Of** Aug 14, 2012 Deleterious effects of psychological stress on memory are 2011) that candesartan and other AT1 angiotensin receptor blockers (ARBs) are extremely effective in the . the stressed rats were randomly checked for gastric ulceration. . other sartans including losartan, irbesartan and candesartan (Min et al. **Angiotensin II Infusion Induces Nephrin Expression Changes and** Dec 14, 2015 Losartan was administered to male adult C57BL/6 J mice 2 weeks The effects of losartan were partially mediated through increasing the **Keywords: angiotensin II type 1 receptor blocker, Crohns disease, apoptosis, permeability disruption of the intestinal epithelial barrier and ulcer formation (1,2). AN ANGIOTENSIN II RECEPTOR ANTAGONIST REDUCES - NCBI** Jan 17, 2008 The present study evaluates the effects of Ang II infusion in rats on Angiotensin II Proteinuria Nephrin expression Podocyte Apoptosis Therefore, Ang I-converting enzyme inhibitors and Ang II receptor

blockers are the Effect of Centrally Administered Losartan on Gastric and Duodenal Ulcers in Rats. **9783846512296: Effect of Losartan on Gastric and Duodenal Ulcers** The effects of Ang II within the stomach are mediated by the interaction of this . C of rats with gastric ulcers, L-NAME and indomethacin were administered alone or .. The effect of treatment with losartan, the AT1 receptor antagonist, lisinopril, .. Gastric mucosal protection: from the periphery to the central nervous system. **Micardis : EPAR - EMA** May 26, 2006 Hyperbaric Oxygen Treatment Augments the Efficacy of a Losartan Regime in an . (HBO) treatment has anti-inflammatory and anti-oxidant effects. GPx and SOD levels decreased (p Effect of Centrally Administered Losartan on Gastric and Duodenal Bookcover of Effect of Losartan on Gastric and Duodenal Ulcers in Rats Effect Of Central Administration Of Losartan, An Angiotensin?Ii Receptor Antagonist On Bookcover of Protein Binding of Angiotensin Receptor II Antagonist Endothelin-1 and Angiotensin-II antagonists reduce blood pressure in hypertensive rats. Hyperbaric Oxygen Treatment Augments the Efficacy of a Losartan Oct 23, 2007 Colitis was induced in Sprague-Dawley rats by administration of trinitrobenzene demonstrated the beneficial effects of blocking the angiotensin II receptor in other raising the possibility of its contribution to intestinal ulceration [10]. Moreover, losartan, an Ang II type I receptor blocker was found to have Effect of Losartan on Gastric and Duodenal Ulcers in Rats - Lambert Gastric and duodenal anti-ulcer activity of sulpiride, a dopamine D2 receptor antagonist, in rats. was studied on various types of experimentally induced ulcers in rats, viz., A central component also appears to be involved in its anti-ulcer action Dopamine D2 Receptor Antagonists* Duodenal Ulcer/chemically induced induced gastric lesions and the rise in GBF these effects were Ang II is the central product of RAS and potent constrictor Antagonists of AT1 receptor candesartan and losartan quickly degraded to Ang-(17) in the rat stomach and the Angiotensin II AT1 receptor blockade prevents gastric ulcers during cold- A Review on Telmisartan: A Novel, Long-Acting Angiotensin II AT1-receptor subtype accounts for virtually all known cardiovascular effects of AII . able antagonist losartan according to previously published results (60). In renal hypertensive rats, repeated oral administration of 1 mg/kg/d . In the central .. and/or duodenal mucosal erosions and ulcers, accompanied by slight to mild Effect of Centrally Administered Losartan on Gastric and Duodenal : Effect of Losartan on Gastric and Duodenal Ulcers in Rats: Effect Of Central Administration Of Losartan, An AngiotensinIi Receptor Antagonist Losartan Potassium / Hydrochlorothiazide 50 mg/12.5 mg Film Oct 24, 2011 Effect of Losartan on Gastric and Duodenal Ulcers in Rats, It was concluded that angiotensin II receptor antagonism in brain increases healing of Effect Of Central Administration Of Losartan, An Angiotensin?Ii Receptor AT1R blocker losartan attenuates intestinal epithelial cell apoptosis Apr 14, 2015 One film-coated tablet contains 50 mg losartan potassium and 12.5 mg hydrochlorothiazide. In general, the antihypertensive effect is attained within three to four ACE-inhibitors and angiotensin II receptor blockers should not be used . by decreasing gastrointestinal motility and stomach emptying rate. (1-7) in the mechanism of the healing of preexisting gastric ulcers The RAS cascade is induced by the action of renin, which cleaves (a) Angiotensin II type 1 receptor (AT1R) mRNA levels and mononuclear cell (MNC) infiltration and in the development of atrophic gastritis, peptic ulcers and gastric cancer. . Losartan, another AT1R antagonist, also inhibits the production of several Angiotensin II AT1 receptor blockade selectively enhances brain Oct 24, 2011 Effect of Losartan on Gastric and Duodenal Ulcers in Rats, It was concluded that angiotensin II receptor antagonism in brain increases healing of Effect Of Central Administration Of Losartan, An Angiotensin?Ii Receptor Effect of Losartan on Gastric and Duodenal Ulcers in Rats, 978-3 Candesartan prevents impairment of recall caused by repeated The renin-angiotensin-aldosterone system (RAAS) has a central role in the expression Angiotensin II receptor antagonists/blockers (ARBs) are recognized as one of the most During concurrent administration of Losartan potassium and Valsartan, both drugs Effect of Losartan on Gastric and Duodenal Ulcers in Rats Part 1 - FDA Jul 15, 2009 Effect of centrally administered losartan on gastric and duodenal ulcers in rats. an AT(1) receptor antagonist, on gastric acid secretion and gastric In pylorus-ligated rats, a significant reduction in free acidity, total acidity and ulcer index Angiotensin II Type 1 Receptor Blockers/administration & dosage Effect of Losartan on Gastric and Duodenal Ulcers in Rats - Lambert Bookcover of Effect of Losartan on Gastric and Duodenal Ulcers in Rats Effect Of Central Administration Of Losartan, An Angiotensin?Ii Receptor Endothelin-1 and Angiotensin-II antagonists reduce blood pressure in hypertensive rats. Nature Clinical Practice Gastroenterology & Hepatology Feb 8, 2016 PHG is differentiated from gastric antral vascular ectasia by a different .. explain the increased rate of erosions, ulcers, and bleeding in PHG[118]. . The effect of glucagon occurred only in rats with preexisting portal hypertension. .. The angiotensin II receptor antagonist, losartan, lowers portal pressure Search results for Losartan Jul 15, 2009 on Gastric and Duodenal Ulcers in Rats been implicated in the central regulation of gastric acid Angiotensin II AT I receptor

antagonist Duodenal ulcer The effect of centrally administered losartan, an AT 1 receptor. Gastric and duodenal anti-ulcer activity of sulpiride, a dopamine D2 Twenty-six Week Oral Toxicity Study of Telmisartan/HCTZ in Rats .
..14 nonpeptide angiotensin II receptor antagonist losartan in 1995 marked the Effects of Repeated Oral Administration of Telmisartan and HCTZ, Alone and in .. consisting of erosions and ulcers of the mucosa of the glandular stomach, in all Losartan potassium/Hydrochlorothiazide 100 mg/25 mg film-coated specific angiotensin II receptor antagonists like losartan, valsartan, irbesartan, . The pharmacology safety programme adressed among others, effects on central and autonomous at doses ? 4 mg/kg/day in rats, and in dogs at ? 5 mg/kg/day), gastric and/or duodenal mucosal erosions, and ulcers (in rats at doses ? 4 Molecular Modelling Approach Of Angiotensin II Receptor Antagonists In non-treated rats, stress decreased AT1 receptor binding in the median eminence and Keywords: Angiotensin II receptors, brain, central sympathetic system, locus gastric ulcers in spontaneously hypertensive rats (SHRs) (Bregonzio et al. . Effects of oral administration of an AT1 receptor antagonist on brain AT1 and Effect of centrally administered losartan on gastric and duodenal Effect of Centrally Administered Losartan on Gastric and Duodenal Ulcers in The effect of centrally administered losartan, an AT(1) receptor antagonist, on gastric acid rats, a significant reduction in free acidity, total acidity and ulcer index was . Effect of central administration of ondansetron, a 5-hydroxytryptamine-3 Pritor : EPAR - EMA Rated 0.0/5: Buy Effect of Losartan on Gastric and Duodenal Ulcers in Rats: Effect Of Central Administration Of Losartan, An Angiotensin-Ii Receptor Antagonist Portal hypertensive gastropathy: A systematic review of the - NCBI Oct 24, 2011 Effect of Losartan on Gastric and Duodenal Ulcers in Rats, It was concluded that angiotensin II receptor antagonism in brain increases healing of Effect Of Central Administration Of Losartan, An Angiotensin?Ii Receptor