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"Effect of Spices and Condiments on the Gastric Mucosa and Gastric Secretion"			
SUMMARY			
<p>Histamine in beeswax as a method for production of peptic ulcer in laboratory animals, has been widely tested in this clinic. Rabbits are refractory to the production of ulcer. Since it seemed, by experience already reported, that spices abet the production of peptic ulcers in dogs when histamine in beeswax is used concomitantly, it was decided to try a similar method in rabbits.</p> <p>A dose of .025 grams of spice in 20 cc. of water was given to animals by intragastric intubation twice a day. A dose of 15 milligrams of histamine in beeswax was given intramuscularly to the animals, at daily intervals. Mustard, cloves and paprika were tested. A series of animals were given spices alone.</p> <p>Results: Paprika. 16 animals used. 3 animals were given spices alone, sacrificed at 7, 25 and 30 days after experiment started, showed negative stomach and duodenum. No abnormal findings were evident in the rest of the animals, dead or sacrificed between 1 and 20 days.</p> <p>Cloves. 20 animals used. Four were given spice only and these were sacrificed between 9 and 25 days. There were no abnormal findings on stomach or duodenum. Sixteen animals died or were sacrificed between 1 and 23 days. One after 3 days showed slight injection of the antrum. Two after 5 days showed discrete duodenal petechiae. The rest of them showed no evident pathology.</p> <p>Mustard. 22 animals used. Four animals given spice alone, showed no change up to 40 days. Six animals showed some change consisting in some petechiae at the duodenum (between 2 and 4 days after beginning of experiment). Twelve showed no change.</p> <p>Conclusion: No evident abetting in the production of experimental peptic ulcer in rabbits with histamine in beeswax can be found when spices in the doses given are used. - 1 -</p>			