

APPLICATION OF OMEPRASOLE IN COMPREHENSIVE CURING OF PEPTIC ULCER PATIENTS

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Omeprazole (O), being a proton pump inhibitor, is one of the major drugs for curing peptic ulcer (PU) due to eradication of *Helicobacter pylori* (HP) . intensification of proliferation activity of gastroduodenal mucosa and local immunity.

Aims: To investigate the application of O (gasek) in combination with amoxicillin - A (fiemoxin-solutab) and clarithromycin - C (clacid) for curing peptic ulcer patients, the impact this combination of drugs has on ulcer healing, ultrastructure of gastric mucosa (GM) and relationships of aggressiveness and defense factors in gastric juice and eradication of HP-infection.

48 duodenal PU patients were investigated. Healing of ulcer was observed in 47 patients (97.5%). After the comprehensive treatment (CT) parietal cells were found to be in the state of functional rest: small outlet canals were slack, microvilli were a few. Mucous producing cells were in active state and contained many secretory granules to the apical parts. There were many small lymphocytes in GM which evidenced their active proliferation. As a result of CT average round-the-clock pII stomach body increased from 1.6 ± 0.3 to 4.8 ± 0.4 . Aggressiveness factor (AF) the relationship between the protcolitic activity (PA) and the concentration of total pepsin decreased. Before CT AF was 0.91 ± 0.08 , after CT - 0.42 ± 0.05 with normal index of 0.3 ± 0.04 . As a result of CT gastric juice defense factor (DF) - relationship between the concentration of mucous protein anil PA improved. DF before CT was 0.81 ± 0.04 ; alter (T 2.5 ± 0.07 with normal index of 2.87 ± 0.04 . As a result of CT by combination of O, A, C eradication of HP was observed in 47 patient (97.5%).

CT consisting of O, A, C is quite an effective method for curing PU.