A method for diagnosing the malignization of the gastric polyps comprises the endoscopic detection of the pathologically altered areas of polyp mucosa with target biopsy. Hyperflav is given per os at a dose of 0.1-0.15 mg/kg. In 4-10 hours, the pathological areas of polyp are exposed to helium-cadmium laser. The samples are taken from the areas with Hyperflav fluorescence.