



**International Artuklu Congress
on Economic Administrative
and Political Sciences**



ABSTRACTS

ÖZET KİTAPÇIĞI

November 20-21, 2021

Mardin Artuklu University
Faculty of Economic and Administrative Sciences

STATISTIC ELEMENTS FOR MODERN DIFFERENTIAL DIAGNOSTIC FOR PATHOLOGICAL PROCESSES OF RECTAL TISSUES

Assoc. Prof. Dr. Volodymyr SULYMA

Dnipro State Medical University, Ukraine

Prof. Volodymyr GAPONOV

Dnipro State Medical University, Ukraine

Glib ASTAKHOV

Head of Department of Surgery/Surgical Clinic "Garvis", Ukraine

The studies of biopsy material after operative intervention for rectal diseases (chronic anal fissure, polyps and adenocarcinoma), thorough registration of coefficients of absorbed at the expense of the characteristic irradiation of microelements on entrance intensive γ -quantum 10 kHz, tissue for energy 59,6 keV – 5 mm, for energy 17 keV – 5 mm, for energy 5,9 keV – 1 mm, time of registration 60 sec. The different numbers of microelements in normal and pathological-neoplastic cells for their radiation with giving of negative structures and photo-electrical effect - individual for normal of rectal tissue and pathological process (chronic anal fissure, non-malignant and malignant tumors). The γ -quantum is absorbed at the expense of the characteristic irradiation of microelements in normal and pathological tissues – new speed of method for differential diagnostic of pathological processes: chronic anal fissure and rectal tumors. The different of absorbed at expense low level energy γ -irradiation of cells rectal tissues had universal of characteristic and basis for early of differential diagnostic of pathological processes.

Keywords: Differentiation, γ -quantum, rectal tissues, pathological processes