

ABO Blood Groups in Gastrointestinal Tract (GIT) and Breast Carcinoma Patients

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ABSTRACT The ABO blood group distribution varies in different geographical and ethnic groups. In Punjab (India), the ABO blood frequency is B>O>A>AB. The current study was an attempt to correlate the ABO blood group frequency with preponderance of breast and gastrointestinal cancer in Punjab, to assess the utility of ABO blood group as a preclinical marker. The study sample consists of 160 cancer patients and 160 controls. In cancer patients, the incidence of A and B groups was significantly higher compared to controls. In breast cancer, the frequency of A group was significantly higher and in oesophageal cancer, the frequency of B group was significantly higher. The results indicate that blood type should be considered along with other risk factors to understand the individual patient's risk.