

Colorectal cancer - regional features in East Kazakhstan

Kuantkan Zhabagin, Zukhra Manambayeva, Agzam Zhumadilov, Svetlana Uderina, Olga Tokareva, Dmitriy Viderman, Yevgeniya Kossymbayeva, Ainur Sagnayeva, Daulet Berikbol, Nurgul Zhumakanova, Korkem Salykbayeva, Ulzhan Tolebayeva, Shynar Ermekova, Meruert Abdykhanova and Akmaral Kystaubayeva

Semey State Medical University, Kazakhstan

Introduction: Colorectal cancer (CRC) is the third most common cancer globally. It is also the fourth most common cause of cancer mortality worldwide, following lung, liver and stomach cancer. CRC incidence and mortality in Kazakhstan are relatively high but exact statistics appears to be lacking and trends over time are unclear.

Materials and Methods: The main sources of information for this research were the materials of the state colorectal cancer registration. We analyzed data for the study period of 10 years (2004-2013).

Results: The present study was therefore undertaken to retrospectively assess age standardized data for incidence and mortality were generated and compared across age groups, gender and year. It was determined that during that studies period 3,417(1) new cases of colorectal cancer were registered and 2,259(0,69) died of this pathology. The male to female ratios also didn't significantly vary over time but a trend for improvement of the mortality to incidence ratio was observed, especially for rectum. Whether this might be related to screening remains unclear. These preliminary data indicate that whereas CRC continues to be important, change in environmental factors are not having a great impact in East Kazakhstan.

Discussion: The present study showed that the average incidence of CRC in East Kazakhstan was around 24/100,000 with very little change over time, with again a relatively constant value of 15,9/100,000 for mortality. Comparison with other countries in the region is made difficult by the fact that our data are not age-adjusted. A large number of questions remain to be answered. For example, it is well known that ethnicity can play a role in determining risk and future work should focus on any differences between the main Russian and Kazakh populations. In conclusion, our data provide an initial survey of CRC in Kazakhstan, a Central Asia country with great geographical and ethnic variation.

Biography:

Zhabagin Kuantkan Talgatovich, graduated in 2009 with a degree in general medicine. From 2009 to 2010 he held an internship in surgery. From 2010 to 2012 he passed residency in oncology. From 2013 year till 2016 year PhD student. Since 2011 is the assistant chair of the Semey State Medical University and is a medical oncologist at the Semey Oncology Center. Learning etiology, epidemiology, clinic of tumors of the gastrointestinal tract, malignant lymphoma, Hodgkin's disease, bone tumors and soft tissue.