

Part of the statesmen of Preventive Medicine in the Master's

General Medicine of the elaboration and presentation of master's work. I am a selected topic in the field of occupational hygiene - application of cytostatics , health risks for medical staff, the possibility of monitoring of exposure , prevention . In this work I was trying to focus mainly on the map the current and most recent trends in the protection and prevention against the harmful effects of cytostatic acting on medical personnel for manipulating them , and also by its teaser of practice I wanted to remit to the current status and actual abundance appropriate protective and preventive measures in FNKV .

According to the statistical data in the Czech Republic each citizen fifth cause the death of the cancer . It is therefore necessary with special attention to track each new option , which may in improved therapeutic successes help .

Significant position in the complex treatment of cancer has antitumor chemotherapy . Although the basic principles of this method have been formulated end 70s , are emerging still finding that it is possible in a clinical practice effectively utilized (Klener , 1996).

Cancer chemotherapy , according to at least Burchenala tisícipäťstoročnú history. From the first century before our letopočtom is no mention the therapeutic effect of colchicine (Dioscorides) . Systematic efforts to suppress malignant proliferation of chemotherapy can not track up to 60 years the last century , when Eisenman had success in the treatment of cutaneous papillomatosis podophyllotoxin (1860) and Lissauer in treating chronic myelogenous leukemia arsenic (1865). From the past , it is known also the use of arsenic, silver , zinc, antimony , mercury and bismuth , particularly for topical use (galls , Krčméry , 1989) .