

題名:An occupational exposure survey in antineoplastic agents of hospital pharmacists

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摘要:Many antineoplastic drugs have shown to be carcinogenic, teratogenic and mutagenic to humans and exposure and absorption have been showed to occur during the preparation and administration in health care practise. More recently, in many countries, national health authorities concern has been focused on promoting actions aimed to protect health of the personnel handling these drugs. The present study reports the results of a survey carried out through a questionnaire among the pharmacists and nurses working in the health care settings located in the province of Rome (Italy), with the aim to survey: occupational risk perception of health care workers; their confidence in the safety measures adopted in the work practice; their knowledge of risk factor and the kind of training received regarding these specific agents. Among the respondents, most of the pharmacists (80%) and nurses (90.4%) show a high concern about antineoplastic drugs dangerousness. At the same time, they state not to have a satisfactory level of knowledge regarding the risk factor and, also that their main information source on occupational risk connected to antineoplastic drugs exposure is not the health care structure, where they are employed. Besides, they do not show a high level of confidence in the safety measures adopted in the health care structures with the aim to protect workers~ health. The study results suggest the necessity to promote the development of preventive actions aimed to minimise occupational exposure to these substances through the implementation

of procedures and controls in the hospitals, as well as the use of work practice and protective equipment, reinforced by workers education and training.