

Effects of radiation on cardiovascular system

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INTRODUCTION

We decide to investigate the high number of patients with cardiovascular disease detected in Hospitals in Belgrade and surrounded towns.

The first clinical manifestation that took our attention was the myocardopathy in patients with cancer pathology.

More than 40.000 people died for cancer complications and more than hundred thousand are still affected.

USA used of depleted-uranium weapons, the A-10 "Warthog" jets against targets in Kosovo. After the bombing of Serbia/Kosovo in 1999, NATO acknowledged that the DU used in munitions was mixed with small amounts of reprocessed uranium which is highly radioactive.

AIM

Our aim is to determine the direct cause of Gamma rays on cardiovascular system. The high proportion of cardiovascular disease among Serbian population is an important topic for our investigation.

Methods and Results

From 2008 until today we performed a following to 500 patients in two Belgrade's Hospitals. 40 patients were studied in Barcelona, at our Hospital. This group of patients was diagnosed for heart disease: endocarditis, constrictive pericarditis, myocarditis, dilated cardiomyopathy and coronary heart disease.

We revised all cases of cardiac pathology and realized new echocardiography Doppler, RNM, holter ECG, coronariography study.

Results

We observed that the origin of this high percent of cardiovascular disorders was the influence of nuclear Gamma rays on organism (2,3). The facts are proved by the high oncological processes without any other explanation. The basic population had a normal genetic code, information got it from anamnesis and history of relatives. The sudden appear of oncology disease after Serbian war and the cardiovascular disease in young people not in oncology age, make us to conclude the direct action of Gamma rays over the normal tissue.

Is known the effect of radiation induced on heart disease in patients receiving radiation therapy for management of malignancies. Radiation affects every part of the heart: pericardium, endocardium, valve apparatus, electric system and coronary arteries.

CONCLUSIONS

We have no doubt that all cardiac injuries in young adults and in normal adults without cardiac pathology in history are related to the effects of gamma rays.

All complications from the heart, observed in patients from 20 to 30 years of age, are related to the effect of uranium contamination as a result of armed clashes during the conflict.

As we can conclude, the conclusions from the studies that the impact of gamma rays on the body and its consequences for the immune system and, especially, for what we as cardiologists are particularly interested in, for the cardiovascular system, are immediate effects.

Observation over the past 5 years shows that patients did not report a family history of coronary heart disease, congenital anomalies, and other factors acquired that were not directly affected by gamma rays.

The cardiovascular system is quite tolerant to the effects of radiation, but it is possible that the effect of the main initiator of oncology in the destabilization of myocardial tissue.

Cases of constrictive pericarditis with chronic effusion and subsequent necrosis are typical for exposure to gamma radiation in patients who have no history of oncological pathology and are characterized by the action of enriched uranium used externally.

In many studies in Ukraine, after 1995, the number of people affected by myocarditis, pericarditis, pathology of the aortic valve and others taking a chronic character with a reduction in the quality of life prospects increased due to uranium in the air within a radius of 30 km from the perimeter, which was established by the sanitary authorities, as well as pollution of sources of drinking water.

Thus, when there is a direct effect of uranium on the body, its clinical manifestation occurs when the process of necrosis in various organs begins.

Exposure to the tissue of aggression depends on the tissue itself, the location, the time of direct action, the spread through the tissues, and the resistance of the tissue fluids.

As specialists, we hope that the consciousness of our politicians will serve to prevent such catastrophes, which lead only to degeneration of the human race.

Patients who underwent coronary angiography, aortography and tomographic scans showed changes in the intima as in the coronary vessels, valve apparatus and arteries of the main vessels in the form of accumulation and formation of large atherosclerotic plaques not found in such young people. I'm talking about the average age of 30-40 years.

The fact that radiation therapy increases the risk of cardiovascular disease in the long term is not new information, but it is not yet known in depth the nature of this risk and if some patients are more vulnerable to side effects with ionizing radiation. Swedish scientists, British and Danish conducted a study to clear this mystery.

For us it became interesting that a large number of patients with heart disease and most between 20 and 40 years. These changes correspond to elderly patients.

Whether or not there is an effect of radiation on the Serbian population, we can conclude:

1. Serbia does not have functioning nuclear power plants.
2. Our studies have not established genetic components;
3. Serbian doctors and engineers who are still studying the high level of radiation fields outside of Belgrade and other cities have confirmed the presence of uranium for land and water sources.
4. Bombs were found contaminated with a high level of radiation belonging to US military equipment.
5. Young patients who died from other circumstances not related to heart disease, autopsy performed only in 5 of them, no oncopathology was found.

In the reports of the Serbian military, the following conclusions are drawn: there is a high degree of pollution in all regions of the country, especially in the old part of the city where military aircraft of American American aircraft were being carried. There is much evidence of the materials found used by the US military and NATO.

As military experts, we can only conclude that today there is the presence of radioactive material in most rural areas of our country. The Department of Environmental Protection warned of the great pollution of lands and forests, weak support from the European Union for the decontamination and disposal of radioactive materials.

We also thank all the employees of municipal institutions who allowed to record on video, take

pictures and gave valuable information about the events and those who asked us not to reveal the identity because of possible reprisals from their leaders.

To this day, there is a large amount of information that could not be obtained.

We thank all doctors who provided scientific information for our project, as well as farmers from 16 villages that we visited in 2001 and 2008.