

P97. LEAD POISONING RELATED TO GUNSHOT WOUND

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Although they are rare cases, lead poisoning due to guns hot injuries have to be treated since they can cause various complications. Initial symptoms can appear in a wide time intervals that can change between two days to 52 years after the injury. Exposure to lead may lead to neurotoxicity and some disorders in the reproduction, circulation and endocrinal systems of humans and animals. Especially the interaction of synovial and spinal fluids with the lead, since this will cause the lead to dissolution, accelerates the toxic effect. It is thought that the level of lead solubilization changes depending on the surface area exposed to the lead, position of the bullet and the length of time it stayed in the body. This uncertainty makes the diagnosis of the toxicity even more difficult. This is why in gunshot injuries, to be able to prevent the level of lead in the blood from increasing, chelation therapy must be applied to remove the heavy metals from the bloodstream. It is thought that applying this therapy before the surgical operation can reduce the risk of lead poisoning. The aim of this study is to present some recent cases and researches related to lead poisoning due to gunshot injuries.