

Lead Toxicity in Children: Health Effects, Policies and Recommendations

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ABSTRACT:

Lead is a dangerous element that exists naturally in the Earth's crust. Any kind of lead causes a detrimental response in the human body. It is discharged into the environment during the manufacturing of batteries, foundries, ammunition, lead paint, water pipes, and other manufactured goods. It can enter the body through a variety of pathways, including those in the air, water, soil, food, and dust. Concern is raised since there is no amount of lead that is safe for the human body. The problem persists despite several prevention measures that the state and the federal governments have put in place. This review assesses the effects of lead exposure on children as well as suggested solutions to the issue.

KEY WORDS: lead toxicity; fetal neurotoxicity; lead poisoning; lead damages