

Toxicological symptoms of some Heavy Metals in Humans

Heavy metal toxicity can result in damaged or reduced mental and central nervous function, lower energy levels, and damage to blood composition, lungs, kidneys, liver, and other vital organs of the body. The toxicological Symptoms of Some Heavy Metals are presented in Table 2.

Table 2: Toxicological Symptoms of Some Heavy Metals

Metal	Toxicological Symptoms
Aluminum	degenerative muscular conditions, Alzheimer's disease, Parkinson's disease and cancer, senility, and presently dementia
Arsenic	breathing problems; death if exposed to high levels; decreased intelligence; known human carcinogen: lung and skin cancer; nausea, diarrhea, vomiting; peripheral nervous system problems, skin pigmentation, abdominal pain
Bismuth	Renal failure
Cadmium	kidney damage and hypertension and all forms of cancer in human
Chromium	acute renal failure, Pulmonary and lung cancer
Cobalt	Goiter
Copper	Blue vomitus, shortage of blood, irritation
Iron	Vomiting, hemorrhage, stomach ulcer, liver failure and death
Lead	Behavioral problems; high blood pressure, anemia; kidney damage; memory and learning difficulties; miscarriage, decreased sperm production; reduced IQ and aggressiveness
Manganese	Parkinson-like syndrome, respiratory problems and , neuropsychiatric disorder
Mercury	blindness and deafness; brain damage; digestive problems; kidney damage; lack of coordination; mental retardation, autism, Parkinson's disease, Eczema
Nickel	Dermatitis, Eczema, acute lung injury, reduced sperm count, headache
Silver	bone marrow suppression, pulmonary edema, blue-grey discoloration of skin, nails, mucosae
Thallium	Vomiting, diarrhea, pain, coma,
Zinc	vomiting, diarrhea, abdominal pain, anemia,