



Impact of Chemicals on the Children's Health

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The need of improving of conditions in which our children.....

- **Grow**
- **Live**
- **Work**
- **Learn**
- **Play**

Pesticides

Frequency of poisoning by pesticides is significant in developing countries

- **Exposure accidental**
- **Exposure resulting from obsolete pesticides**

Persistent organic pollutants

- **DDT**
- **PCB**

Environmental hazards

Environmental hazards are threatening humans, as the burden of diseases due to environmental hazards is continuing to have serious impact on public health especially in the cohort of following groups

- **Infants**
- **Children**
- **Adolescent**

Metals and their derivatives

Nowadays metals are widely applied in modern society

- **Mercury**
- **Led**
- **Arsenic**
- **Cadmium**
- **Chromium**

Household products

May be ingested by children and cause acute poisoning

- **Kerosene**
- **Solvent**
- **Pharmaceuticals**

Waste sites

Waste sites present potential threat for health of children, especially those who live and scavenge in poor regions

Risk groups

The mostly vulnerable to environmental exposures, in particular to the harmful effect of chemicals are following groups

- **Children**
- **Developing fetus**
- **Pregnant women**

The resulting after-effects

After effects-depend on following factors

- **Toxicity**
- **Doses**
- **Duration**
- **Degree of exposure**

