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Abstract
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Children's health and RF EMF exposure. Views from a risk assessment and risk communication perspective.

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Source

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Abstract

A review of the scientific literature published until August 2010, covering epidemiological studies on the effects of RF EMF exposure on the incidence of brain tumours and leukaemia in children as well as experimental studies on RF EMF effects on cognition and CNS in children, reveals no or only scant evidence for the assumption that RF EMF exposure poses a hazard to children. This result is at odds with public risk perceptions, i.e. prevailing concerns of (at least part of) the public about adverse health effect of RF EMF. Consequences for risk communication are discussed. A scientifically sound and easy-to-understand risk communication is especially exacerbated by the fact that current risk assessments cannot exclude that RF EMF might have adverse health effects due remaining knowledge gaps, but especially due to the impossibility to prove a non-effect.

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[Publication Types, MeSH Terms](#)

Publication Types

Research Support, Non-U.S. Gov't

Review

MeSH Terms

Adolescent

Brain [Neoplasms](#)/etiology

[Cellular Phone](#)*

Child

Child, Preschool

Cognition/radiation effects

Electromagnetic Fields/adverse effects*

Female

Health Education

Humans

Infant

Infant, Newborn

Leukemia, Radiation-Induced/etiology

[Neoplasms](#), Radiation-Induced/etiology

Pregnancy

Prenatal Exposure Delayed Effects/etiology

Psychomotor Performance/radiation effects

Public Opinion

Radiation Dosage

Risk Assessment

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Full Text Sources

Springer

EBSCO

Other Literature Sources

Labome Researcher Resource - ExactAntigen/Labome
Medical
Electromagnetic Fields - MedlinePlus Health Information