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Abstract
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J Assoc Physicians India. 2008 Nov;56:893-7.

Health hazards of mobile phones: an Indian perspective.

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Source

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Abstract

The mobile phone industry has been one of the fastest growing industries in modern history. Today, India has million mobile phone users, and mobile phones account for 88% of all telecommunication users. The rural sector accounts for more than 25% of all wireless phone users and this proportion is bound to grow as affordability of mobile phones continues to increase. In the years ahead, an ever-increasing number exposed for long periods of time to radiation from mobile phones. In 2008, the Telecom Commission (the policy-making body of the Department of Telecommunicatics, Government of India) adopted the emission guidelines prescribed by the International Commission on Non-Protection (ICNIRP). Studies have demonstrated that usage behaviours, such as duration of usage and predominant, one-sided use of mobile phones are some of the chief risks that increase likelihood of hazards resulting from mobile phone use. This article attempts to present the basic biophysics of these devices and explain the health hazards of electromagnetic radiation exposure in terms of thermal and non-thermal effects. We also present some preventive measures that can reduce the risk of these hazards.

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Health hazards of mobile phones in children. [J Assoc Physicians India. 2009]

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[MeSH Terms, Substances](#)

MeSH Terms

Cellular Phone*

Electromagnetic Fields/adverse effects*

Environmental Exposure/analysis*

Hazardous Substances

Humans

India

Radio Waves/adverse effects*

Substances

Hazardous Substances

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Medical

Electromagnetic Fields - MedlinePlus Health Information