



My NCBI
[Sign In]

All Databases PubMed Nucleotide Protein Genome Structure OMIM PMC Journals

Search PubMed for Lonn mobile Go Clear

Limits Preview/Index History Clipboard Details

About Entrez

Text Version

Entrez PubMed

Overview
Help | FAQ
Tutorial
New/Noteworthy
E-Utilities

PubMed Services

Journals Database
MeSH Database
Single Citation Matcher
Batch Citation Matcher
Clinical Queries
Special Queries
LinkOut
My NCBI

Related Resources

Order Documents
NLM Mobile
NLM Catalog
NLM Gateway
TOXNET
Consumer Health
Clinical Alerts
ClinicalTrials.gov
PubMed Central

Note: Performing your original search, *Lonn mobile*, in PubMed will retrieve [5 citations](#).

Display Citation Show 20 Sort by Send to

All: 1 Review: 0

1: Epidemiology. 2004 Nov;15(6):653-9.

[Related Articles, Links](#)

Comment in:

- [Epidemiology. 2004 Nov;15\(6\):651-2.](#)
- [Epidemiology. 2005 May;16\(3\):414-5; author reply 417-8.](#)
- [Epidemiology. 2005 May;16\(3\):414; author reply 417-8.](#)
- [Epidemiology. 2005 May;16\(3\):415-6; author reply 417-8.](#)
- [Epidemiology. 2005 May;16\(3\):415; author reply 417-8.](#)
- [Epidemiology. 2005 May;16\(3\):416-7; author reply 417-8.](#)



Mobile phone use and the risk of acoustic neuroma.

[Lonn S](#), [Ahlbom A](#), [Hall P](#), [Feychting M](#).

Institute of Environmental Medicine, Karolinska Institutet, S-171 77 Stockholm, Sweden. Stefan.Lonn@imm.ki.se

BACKGROUND: Radiofrequency exposure from mobile phones is concentrated to the tissue closest to the handset, which includes the auditory nerve. If this type of exposure increases tumor risk, acoustic neuroma would be a potential concern. **METHODS:** In this population-based case-control study we identified all cases age 20 to 69 years diagnosed with acoustic neuroma during 1999 to 2002 in certain parts of Sweden. Controls were randomly selected from the study base, stratified on age, sex, and residential area. Detailed information about mobile phone use and other environmental exposures was collected from 148 (93%) cases and 604 (72%) controls. **RESULTS:** The overall odds ratio for acoustic neuroma associated with regular mobile phone use was 1.0 (95% confidence interval = 0.6-1.5). Ten years after the start of mobile phone use the estimates relative risk increased to 1.9 (0.9-4.1); when restricting to tumors on the same side of the head as the phone was normally used, the relative risk was 3.9 (1.6-9.5). **CONCLUSIONS:** Our findings do not indicate an increased risk of acoustic neuroma related to short-term mobile phone use after a short latency period. However, our data

suggest an increased risk of acoustic neuroma associated with mobile phone use of at least 10 years' duration.

Publication Types:

- [Multicenter Study](#)

MeSH Terms:

- [Acoustic Stimulation/adverse effects](#)
- [Adult](#)
- [Aged](#)
- [Case-Control Studies](#)
- [Cellular Phone*](#)
- [Community Health Planning/statistics & numerical data](#)
- [Comparative Study](#)
- [Female](#)
- [Humans](#)
- [Male](#)
- [Middle Aged](#)
- [Neuroma, Acoustic/etiology*](#)
- [Research Support, Non-U.S. Gov't](#)
- [Risk Factors](#)
- [Time Factors](#)

PMID: 15475713 [PubMed - indexed for MEDLINE]

Display Show Sort by Send to

[Write to the Help Desk](#)
[NCBI](#) | [NLM](#) | [NIH](#)
Department of Health & Human Services
[Privacy Statement](#) | [Freedom of Information Act](#) | [Disclaimer](#)

Nov 3 2005 04:38:48