For more than two decades, Health Canada has conducted its own research on the biological effects of radiofrequency (RF) energy. This research has increased the scientific knowledge regarding the intensity of RF energy in our environment and has helped to establish the human exposure threshold where potentially adverse health effects can occur. This important information, along with other Canadian and international studies, form the basis for establishing safety standards for RF energy that protects the health of Canadians.

All Health Canada research on RF energy is funded by the Government of Canada. The following is a list of Health Canada studies on this subject:


Gajda GB, McNamee JP, Thansandote A, Boonpanyarask S, Lemay E, Bellier PV. Cylindrical


In addition to its own research activities, Health Canada continuously monitors the peer-reviewed scientific literature as it is published. Some external sites where you can find this research are:

- PubMed
- World Health Organisation

Learn more by consulting the following resources:

- International Commission on Non-Ionizing Radiation Protection (ICNIRP)  
  This International Commission on Non-Ionizing Radiation Protection (ICNIRP) publication reviews current scientific evidence and health consequences concerning exposure to high frequency electromagnetic fields.

- It's Your Health: Safety of Cell Phones and Cell Phone Towers  
  With the growing popularity of cell phones, concerns have been raised about the safety of exposure to RF energy. This document addresses these concerns and outlines the respective responsibilities of Health Canada and Industry Canada for the safety of these devices.

- Health Canada's radiofrequency exposure guidelines (Safety Code 6)  
  These guidelines describe limits for safe human exposure to radiofrequency energy and outline the safety requirements for the installation and use of devices that emit radiofrequency energy. Industry Canada has adopted a portion of these exposure limits and included them in their regulatory documents.

- Industry Canada's Radio Standards Specification 102  
  Radio Standards Specification 102, Radio Frequency Exposure Compliance of Radiocommunication Apparatus (All Frequency Bands) sets out the requirements and measurement techniques used to evaluate radio frequency (RF) exposure compliance of radiocommunication apparatus designed to be used within the vicinity of the human body.

- Electromagnetic Fields and Public Health  
  This World Health Organization (WHO) fact sheet reviews scientific evidence on the health effects from continuous low-level human exposure to base stations and other local wireless
networks.

To make an inquiry regarding Safety Code 6, contact Health Canada's Consumer and Clinical Radiation Protection Bureau.

To make an inquiry regarding cell phones and base station compliance assessments, contact Industry Canada's Spectrum Engineering Branch.

Date Modified: 2013-02-01