

Background

All electronic devices emit electromagnetic radiation (EMR). EMR is measured in units of milliGauss (mG). A Gaussmeter is the instrument used to measure EMR. While EMR exposure drops significantly with distance from the emitting object, it is not always possible to distance yourself from the object. This is the case when using a laptop computer. A laptop requires that you position yourself relatively near the computer during use, thus exposing your body to EMR.

EMF Dangers

Professionals recommend limiting your exposure to any electromagnetic fields of 2.5 mG or higher, though zero exposure is ideal. Notebook computers can often emit fields of 150 mG; that's 60 times higher than the recommended level!! This radiation may be linked to cancer, infertility, birth defects to unborn children, and other health complications.

The heat generated by notebook computers is also a concern. Bodily functions are carried out at tightly-controlled temperatures. When outside heat is applied, these functions will begin to occur irregularly and may lead to cellular mutations. When cells mutate, they can transform into cancerous cells, and spread across the body, and cancerous tissue is developed.

How HARApad Works

The HARApad is designed to act as a shield between harmful electromagnetic radiation and your body. It uses a state-of-the-art lead- and tungsten-free material to safely deflect EMR away from your lap. The HARApad tucks easily into most laptop cases, making it as portable as your notebook computer. Its versatility allows a safe surface on which to work when your lap is your only option, like in the airport, the car, library, or dorm room.

The layer of EMF shielding material in every HARApad acts similar to the ground wire in your house's electrical system. Whereas the ground wire catches stray electrical current and brings it harmlessly into the ground outside your house, the EMF shield in every HARApad catches the stray electromagnetic fields and returns it safely to the laptop to complete the circuit. Since EMF follows the path of least resistance, the HARApad essentially diverts the EMF through the shielding material instead of through your body tissue. Using a HARApad will reduce the EMR absorbed by your body by up to 80%.