

## How Cell Phones May Cause Autism

Rates of autism, a disabling neuro-developmental disorder, have increased nearly 60-fold since the late 1970s, with the most significant increases occurring in the past decade.

The cause of autism is unknown, although theories include such potential causes as:

- Genetic predisposition
- Inability to clear heavy metals
- Increased vulnerability to oxidative stress
- Environmental exposures including mercury preservatives in vaccines
- Trans-generational accumulation of toxic heavy metals

Now a groundbreaking new theory has been suggested by a study published in the *Journal of the Australasian College of Nutritional & Environmental Medicine*: [Electromagnetic radiation \(EMR\) from cell phones, cell towers, Wi-Fi devices and other similar wireless technologies as an accelerating factor in autism.](#)



### EMR May be the Missing Link

The study, which involved over five years of research on children with autism and other membrane sensitivity disorders, found that EMR negatively affects cell membranes, and allows heavy metal toxins, which are associated with autism, to build up in your body. Meanwhile, the researchers pointed out that autism rates have increased concurrently along with the proliferation of cell phones and wireless use.

EMR, the researchers say, could impact autism by facilitating early onset of symptoms or by trapping heavy metals inside of nerve cells, which could accelerate the onset of symptoms of heavy metal toxicity and hinder therapeutic clearance of the toxins.

Speaking in reference to the huge rise in autism rates, Dr. George Carlo, the study's co-author, said, "A rise of this magnitude must have a major environmental cause. Our data offer a reasonable mechanistic explanation for a connection between autism and wireless technology." They also suggest that EMR from wireless devices works in conjunction with environmental and genetic factors to cause autism.

[Wireless Radiation in the Etiology and Treatment of Autism \(PDF Download Page\)](#)

#### Dr. Mercola's Comment:

I am absolutely convinced that the explosion of cell phone usage around the world is one of the primary contributors to the autism epidemic. The information-carrying radio waves from cell phone base stations and cell phones makes [children's exposure to vaccines](#) and heavy metals much more dangerous than they typically are. Why? Because EMR may actually trap heavy metals inside your cells, allowing them to cause damage and hindering your body from detoxifying them.

While I realize that most people will not avoid cell phones because of their convenience, I would urge you to not let your children use them.

I warned of these dangers on my [Today Show interview](#) last month, but the media blacklisted it and only showed

a short section of what I had to say. So, let me say it again here: the density of your child's skull is far less than an adult's, and their brain is far more susceptible to these information-carrying radio waves. For this reason, you should not allow your child to use a cell phone, and you should also never hold an infant while you're talking on one – when you are on a cell phone the radiation plume can easily reach an infant in your other arm and penetrate their skull.

## **Largest Study Ever on Cell Phone Safety**

Dr. Carlo was given a \$28-million grant from the cell phone industry in the '90s to prove cell phones were safe. He is an MD, taught as a professor at George Washington Medical School, and has a degree in public health -- so he was up for the challenge. However, Dr. Carlo did not come up with the results the cell phone industry would have wanted. After his research he found that they DO, in fact, cause damage. The cell phone industry offered him a position for \$1 million a year to silence him, but he refused, and started a non-profit institute called [The Safe Wireless Initiative](#) to inform the world of this danger.

By the end of this year it's expected that 4 billion cell phones will have been sold. This is a massive explosion in cell phone use, and one that is undoubtedly linked to health problems, including autism.

The information-carrying radio waves from cell phones may:

- Damage your cell membranes
- Decrease your intracellular communication by disrupting microtubular connections that allow biophotons to communicate between cells
- Increase deposits of heavy metals into your cells, which increases intracellular production of free radicals and can radically decrease cellular production of energy – making you incredibly fatigued

Cell phone users are also 240% more prone to brain tumors, and a study in 2004 found that the risk of acoustic neuroma (a tumor on your auditory nerve) was nearly 4 times greater on the side of your head where your phone is most frequently held. What is even more concerning, though, is that there is VERY solid evidence that the number of brain tumors will increase to 500,000 per YEAR in 2010 – and this will double to 1 million every year by 2015 if the causes are not addressed. This is very real and represents an impending health care crisis.

## **Can Cell Phones Ever be Used Safely?**

Ideally, I believe you should not use cell phones. In reality, though, I know that's not a practical option for many of you. If you choose to use a cell phone you should use the speakerphone function whenever possible -- and keep the phone about two feet away from any body part. Do not keep the phone on your belt or in your pocket even when you're not using it, as the radiation WILL penetrate your body wherever the phone is attached. Instead, stow it away in a purse, backpack, or your car's glove compartment.

For times when a speakerphone isn't practical, you can use a NON-Blue Tooth headset, such as the Blue Tube Headset. While Blue Tooth is certainly safer than no headset at all, it is still broadcasting its own information-carrying radio waves into your brain, just at a lower intensity than a cell phone. And there quite simply is no safe biological threshold for either of them.