

## New Research Links Air Pollution To Alzheimer's Disease, Bicom Devices Might Be The Answer To These Newly Discovered Risk Factors

### Description

Even though we often fail to realize it, mostly due to the fact that we take it for granted, our brains are probably the most important part of our bodies and our "beings". A healthy brain and mind mean we are able to analyze situations, make decisions that will help us move forward, process information that is provided to us, retain new memories that we make and then we can recall those memories at a later date.

Only when we start to notice the development of symptoms in the brain, do we start to consider the importance of our mental health and how we rely on the performance of our brain during everyday situations. While certain mental health conditions, such as mild cognitive impairment and the every-so-popular brain fog sessions, are not severe enough to cause serious problems with our cognitive performance, diseases such as those that cause dementia may pose as a more significant threat to your everyday abilities and even to your life.

### Quick Overview Of Dementia

Dementia generally refers to a decline in mental health. This particular condition can become present when a series of different mental illnesses develop. The most common disease that causes dementia is known as Alzheimer's disease " a condition that affects roughly 5.5 million people in the United States, 200,000 of whom are under the age of 65, as reported by the [Alzheimer's Association](#).

The particular factors that cause Alzheimer's disease to develop are still somewhat unclear to medical scientists, even though quite a lot of research has been done on this topic. A recent study provided new details on a potential cause of Alzheimer's disease, which has shed some light on this somewhat mysterious disease " causing medical experts to study the potential cause in more details, and trying to find new breakthroughs in medicine to help prevent this cause factor from contributing to the development of this deadly disease.

### New Study Links Air Pollution To Alzheimer's Disease

For many years, the potential contributing factors to Alzheimer's disease and other dementia mental health illnesses have been understood to a certain extent. A new discovery, however, has provided more accurate information of how environmental factors play a direct role in the development of Alzheimer's disease and the dementia symptoms caused by the illness. The study was published on [Science Daily](#) on the 8<sup>th</sup> of June 2017, and states that a particular cause of Alzheimer's disease has been hiding in our sight for centuries, but has only now been identified.

The study examined the impact that combustion-derived nanoparticles that are rich in iron had on the brains of younger individuals, with a strong focus on monitoring these effects on the brains of young children and adolescents, as well as some patients that were in their 20s. The effects of these nanoparticles were monitored with the use of transmission electron microscopy. Specific areas of the

brain were observed, including glial cells, neurovascular units, choroid plexus and neurons.

The researchers behind the study explain that these nanoparticles primarily break through the blood-brain barrier by entering the body through the nasal passage, but the nanoparticles can also be obtained through the gastrointestinal tract, the lungs and the olfactory epithelium. They found that these nanoparticles did, in fact, cause significant alterations in the brains of those who were exposed to them, when compared to individuals who were not exposed to high concentrations of the particular nanoparticles that were examined during the study. They found that the nanoparticles being examined had the following consequences on the brains of those exposed to them:

- Unfolded proteins accumulated in the brain and were also more aggressive.
- An alteration in the microtubule dynamics was observed.
- Insulin signaling was altered.
- Changes to epigenetics were also observed.
- Mitochondrial dysfunction was also present amongst those exposed to higher levels of these nanoparticles.
- Calcium homeostasis was altered.

The particular nanoparticles that were identified to have a serious impact on brain health during this study is referred to as PM 2.5. The study explains that the general public needs to consider the fact that the damage dealt by exposure to these nanoparticles starts at a very young age – with some children exhibiting brain damage at an age of only three years. We need to consider these facts and look at ways to reduce the exposure to these toxic nanoparticles to avoid them from causing serious problems in the future of our children.

In addition to these findings, the scientists involved in the study also advise that the brain damage may cause symptoms to develop at an early age, which we may take for something else. An increased violence, as well as children struggling to perform well in school, are two excellent examples of cases where parents would consider the symptoms behavioral problems when, in actual fact, the symptoms are caused by premature exposure to these toxins in the air. We now need to ask ourselves how our children can be protected from the exposure of these nanoparticles to avoid the development of these unpleasant symptoms, and to prevent PM 2.5 nanoparticles from becoming a contributing factor to Alzheimer's disease at an older age.

### **Quick Facts About Alzheimer's Disease**

Now that we have discussed the new findings of a potential cause for Alzheimer's disease, we would like to share some vital facts about this disease to help you better understand the impact that Alzheimer's disease has on the general public, the healthcare system and, of course, on the particular individuals suffering from the condition.

According to the [Centers for Disease Control and Prevention](#), Alzheimer's disease is ranked number six on the top causes of death list in the United States. They report that an average of 93,541 patients reach mortality due to Alzheimer's disease on an annual basis.

[Alzheimers.net](#) reports that only 25% of patients that are suffering from Alzheimer's disease have been officially diagnosed by a doctor, which means the majority of patients are suffering from the symptoms without knowing that they have developed this particular mental illness. Furthermore, they

also report that dementia is one of the top causes of disability in the United States, and that this disease causes medical care expenses of as much as \$236 billion per year.

## **Bioresonance Therapy As A Preventative Measure For Alzheimerâ€™s Disease**

With this discovery that linked nanoparticles found in air pollution to the development of Alzheimerâ€™s disease, as well as brain damage in younger individuals, we now need to turn our focus toward potential remedies for reducing the damage dealt to children and young people exposed to these nanoparticles, since completely avoiding exposure to these nanoparticles in a modern lifestyle may not be possible.

While conventional treatment options tend to focus on treating the disease when it becomes present and symptoms start to develop, alternative options are available to assist with reducing the impact that these toxic particles has on the brain and the body in general. Bioresonance therapy is one particularly effective option that has been proven to assist with the removal of the toxins that are placed onto our bodies by exposure to PM 2.5 nanoparticles in environments where the air is considered polluted.

Bioresonance therapy, which is a type of treatment that utilized the bodyâ€™s internal electromagnetic waves to heal itself, has been proven to be one of the more effective methods for getting rid of toxins in the body â€” even in the parts of the body that is often considered difficult to reach. By reducing the toxic buildup of PM 2.5 nanoparticles in the brain, as well as the rest of the body, the damage dealt to the brain due to the exposure to these toxins can be reduced and, in some cases, even prevented when treatment is administered at an early stage.

## **Conclusion**

Alzheimerâ€™s disease is relatively common and leads to the death of many people every year. The disease causes the deterioration of the brain and can have a negative impact on a patientâ€™s quality of life. While the specific factors that causes the brain to deteriorate and symptoms to develop is not yet fully understood by medical experts, a new discover has provided a definite link between the exposure to PM 2.5 nanoparticles in the air, which are usually expelled by vehicles, and the development of Alzheimerâ€™s disease. In addition to linking these toxins to Alzheimerâ€™s disease, scientists also found the exposure to PM 2.5 nanoparticles to cause symptoms to develop in younger individuals.

Conventional treatments would only act as a solution for patients who have already developed Alzheimerâ€™s disease, but prevention is always the better options. Bioresonance therapy offers people, both young and old, exposed to these particular toxins the opportunity to rid their bodies of the buildup of PM 2.5 nanoparticles, which may then help to prevent the development of learning and behavioral problems amongst younger patients, as well as help to prevent or at least delay the development of Alzheimerâ€™s disease in patients who are older.

## **Category**

1. Articles

## **Tags**

1. Air pollution
2. Alzheimer

### 3. Bicom Devices

**Date Created**

2017/07/25

**Author**

davidfranklin