

# Buckeye Gymnastics Secret Weapon in War Against Covid-19

## Bipolar ionization units in every gym

Buckeye Gymnastics is serious about keeping our gyms safe for our students, athletes, staff and families. In fact, Buckeye owner, David Holcomb, has been so intense about that safety that he has emerged as national expert in Covid-19 gym safety by USA Gymnastics\*. David's research on air-cleaning and controlling the Covid-19 virus at Buckeye led him to a recent study that concluded that a bipolar ionization system can kill as much as 99% of pathogens in the air.

Recent laboratory study results showed that at 10 minutes 84.2% of the COVID-19 was inactivated; at 15 minutes 92.6% of the COVID-19 was inactivated; and at **30 minutes 99.4%** of the COVID-19 was inactivated.

Concerns about airborne transmission have grown as new research indicates the novel coronavirus can remain airborne longer and spread further than previously thought. Some experts now believe that just normal breathing can spread the disease.

Hospitals including Johns Hopkins, Children's Hospital Boston and the University of Maryland Medical and terminals at LaGuardia, O'Hare, LAX, and San Francisco International Airport have already embraced this technology. Tampa's Amalie Arena and the TWA Hotel at JFK airport are adopting bipolar ionization technology, as are large workplaces such as Google's headquarters in Chicago and San Jose. Add Buckeye Gymnastics to this list.

When the ions produced by bipolar ionization come in contact with viruses, bacteria or mold, they remove the hydrogen molecules – without them, the pathogens have no source of energy and will die. The ions also attach to allergens like pollen and other particles, causing them to band together until they are large enough to be caught by the gym's ventilation system's air filter.

The iWave's technology installed in all three Buckeye facilities generates the same ions that nature creates with lightening, waterfalls, ocean waves, etc. Nature uses energy and shear to break apart molecules, naturally cleaning the air and producing a healthy environment. The only difference between the iWave's technology and nature is that the iWave does it **without developing harmful ozone**.

*\*David was asked to present the very first talk on Covid-19 safety by USA Gymnastics in early April and he conducted many more presentations through the spring and summer for multiple organizations. David was also the lead contributor to the USA Gymnastics publication: Member Club Considerations for a Safe Reopening.*

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- <https://www.bloomberg.com/news/articles/2020-07-27/infection-risk-from-air-we-breathe-raises-the-stakes-for-hvac>
- <https://www.msn.com/en-in/news/world/used-in-large-scale-ventilation-systems-worldwide-bipolar-ionization-could-be-a-secret-weapon-in-the-war-against-covid-19/ar-BB12kkWZ>
- <https://www.businessinsider.com/bipolar-ionization-could-be-a-secret-weapon-against-covid-19-2020-4>
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