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# Kill Corona Before it Kills You

*“Do not under  
estimate infectious  
diseases”*

*“We spend most of  
our time Indoors”*

*“Indoor air is  
vulnerable to  
airborne cross  
contaminations”*

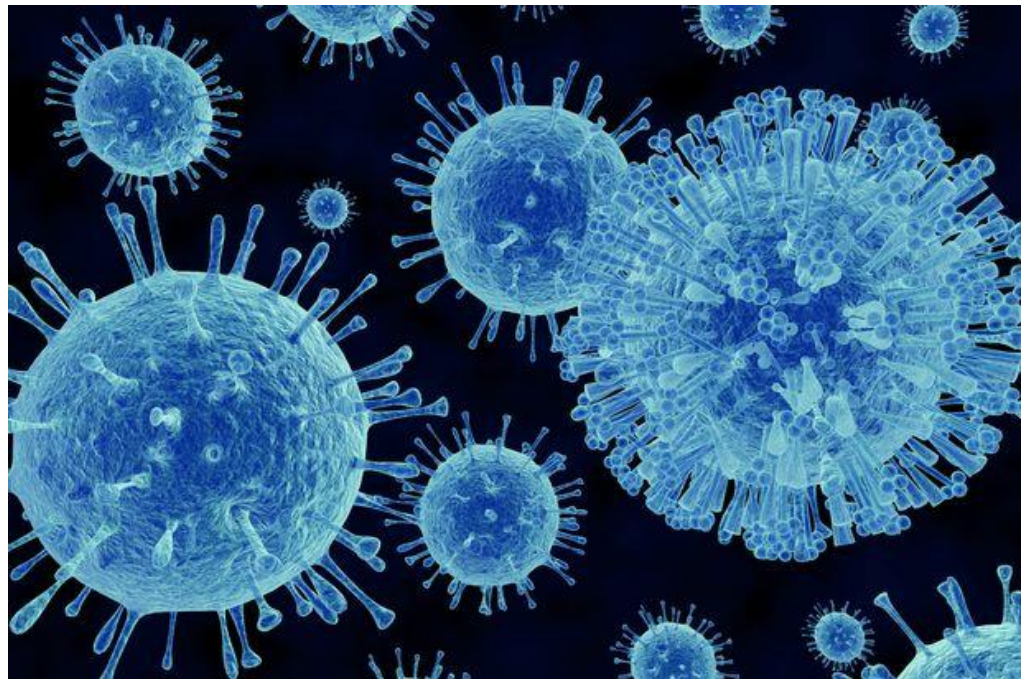
*“Most of the indoor  
areas are untreated”*

***“Ask IAQ expert,  
Chemtronics for  
best solution”***

Modern day lifestyle is the root cause of cross contamination. Indoor Air quality [IAQ] is the most innocently neglected aspect.

## **Fight Against Corona Virus 2019:**

We are surrounded by millions of different kinds of bacteria & viruses. From ages mankind & micro-organisms have lived side by side every day.



In recent past we have seen different virus attacks like Ebola, H1N1, Swine flu, Zika, Nipah, MERS, SARS, dengue, chikungunya & most recent one is Corona. It is equally true that in future also there will be similar infectious bacterial & viral attacks on us. Most of these are infectious diseases & they spread through air. So it is very important to be ready to fight against them at all times.

All walks of people & of all age groups from children to elderly, spend most of their time indoors in closed environment with group of others. This can be daycare centers, nurseries, schools, colleges, offices, metros, gyms, theaters, shopping malls, hotels, hospitals, old age homes, etc. Most of these urban places are closed with large expanse of glass & comfort air-conditioning. The real problem of cross contaminations starts from here, where in comfort air conditioning same stale air is being circulated again & again. In such places cross infection from colleagues or visitors can very easily get

*“It is not only important to treat indoor air but to enhance it and reduce Sick Building Syndromes [SBS]”*

## **Penetrate & Treat**

*“Electrochemical Oxidation [ECO] & Bipolar Oxygen Ionisation [BOI] are the killers of Corona Virus”*

### **Options :**

- 1. Social Distancing**
- 2. Self-Quarantine**
- 3. Air Disinfection**

**Smart Answer :**  
**Air Disinfection**

spread across. In closed environment occupants come from different localities & can bring in lots of bacteria & viruses on their body. An individual can do very little to protect himself or herself from cross contaminations. Not all newly identified virus species affecting humans are ‘new’, in the sense that they have only recently started to infect humans; many of them have been present in humans for a considerable time but have only recently been recognized.

## **How to Prevent:**

To prevent from airborne cross contaminations, it is very much important to keep indoor air continuously treated from these bacteria & viruses. This can very easily be achieved by indoor & incoming fresh air being continuously disinfected. Wide range of air filters & purifiers are available which claim they are the best in treating indoor air. The important factor for any individual is how to select the right solution for air disinfection among the all available. The system should be effective & safe for the occupants. New innovative technology of “Electro-Chemical Oxidation” (ECO) & “Bipolar Oxygen Ionisation” (BOI) is the most effective method to kill any bacteria or virus, and Corona (COVID 19) is no exception.

## **Air Filters & Purifiers – How effective they are?**

There are diversified contaminants & pollutants in air & diversified treatment techniques are available to tackle them. For treatment of corona, air filters have very limited effect since they only filter or purify the air which passes through them & these are called “One Point Treatment”. The filter media used has no effect on viruses since they are extremely small in size, less than 0.1 micron. (0.1 micron = 1/10,000 mm). Also, the time for which air remains in air filters is also extremely less, which is less than 0.02 Seconds (20 milliseconds), for completely killing of any bacteria or viruses. The ECO & BOI are the only treatments where killing happens at the source & are called as “**Point Of Source Treatment**”.

## **How ECO & BOI Kills Bacteria & Viruses:**

All living things are made up of organic matters & viruses are the tiniest and weakest of the lot. Oxidation is a burning/corrosive chemical process of organic matters which can not distinguish among any species. “**Penetrate & Treat**” is the process where indoor air is continuously blended with mild control spray of oxidisers & oxygen ions which instantly kills all micro-organisms at the source of their existence. ECO+BOI easily get blended in ambient air, so that it can reach every space where a virus can hide.

## **Conclusion:**

Untreated Indoor air is extremely vulnerable to cross contaminations from multiple sources, today it is Corona, tomorrow it may be some new virus or even common cold or flu. Smart thing is to concern experienced experts & keep indoor air under control of cross contaminations, with proven technique “Penetrate and Treat” with ECO + BOI to **kill Corona, before it kills you.**