FAQ's

1) Who has invented the Shycocan device?

Shycocan has been invented by Dr. Rajah Vijaykumar, a prolific Indian Scientist with over 15 multi-disciplinary patents. He is the inventor of Cytotron, a device for degenerative and regenerative tissue engineering which is currently approved for two medical applications, firstly to stop the growth of cancer cells in a tumor, and secondly to repair & rebuild the skeletal tissue.

Some of his other inventions are:

- Focused Nano-Permeabilization (FORN) technology etc. for targeted, precise cancer drug delivery.
- HAEMOSEIS-256, a non-invasive cardiovascular diagnostic device that provides a comprehensive assessment (3D Cartography with 3D Vasculography) of cardiopulmonary and renal physiology of an individual
- SPARSE™ technology for fuel enrichment and its application in renewable energy production
- Fluid Ignition Engine (FIT), the TMD reactor for high intensity megasonic break-down of long chain hydrocarbons.
- Transcutaneous Thermoelectroporic Omni-molecular drug delivery systems

He has had many publications in reputed medical and engineering journals. He is the author of the book "Cytonics - a mystery of the living cell".

2) How long did it take to design the Shycocan device and when was it built?

The Shycocan device was built in early 2018, nearly two years prior to the COVID-19 pandemic. While working for over five years on another patent, Dr. Kumar developed a highly specialized alloy that produced Photons in 2016. The trigger of building the device was a Bird Flu pandemic that resulted in many poultry farmers going bankrupt at the end of 2017. The Bird Flu virus belongs to the Influenza family, hence these devices were installed at Dr. Kumar's campus to test their efficacy on stopping the transmission of the virus. It was observed at the end of 2018 that there was a reduction of ninety percent in the incidence of seasonal flu's amongst employees over the previous two years. This device was then tested post the COVID-19 pandemic in accredited laboratories for safety and efficacy. It was seen that it disabled the coronavirus and Influenza viruses by 99.9% in closed spaces as per the result. Coronavirus has a similar Postive-Sense S-protein structure to the Bird Flu and Seasonal Flu virus. The device was named Scalene HYpercharge COrona CANon " Shycocan" post the pandemic. Shycocan is the enterprise version of the Shycocan device.

3) What are the test conducted and certifications available for Shycocan?

Shycocan is a certified European Union CE Class-I product and is being marketed under the "Enforcement Discretion Guidance" based on the US FDA's guidance during the COVID-19 Pandemic/ Public Health Emergency. It has passed all safety tests related to these certifications for household appliances, emission, disturbances, laboratory use, Ozone production amongst others. Shycocan attenuates 99.9% of the coronavirus from transmission in closed spaces as per tests conducted by a leading virology lab in the world.

4) How does Shycocan work?

The Coronavirus is a Positive-Sense virus, whose S-Protein attaches to the human cell through the ACE2 receptors due to the opposite charge. All human cells have a negative potential (about -40mV to -70mV). The virus infuses its RNA into the cells and starts to multiply, infecting the body. Shycocan continuously

emits photons that form an electron cloud in an indoor space. The negative charged electrons neutralize the positive charge of the S-Protein of Coronavirus, thereby disabling it from infecting a person.

5) Does Shycocan kill the Corona Virus?

Shycocan does not kill the Corona virus. The device attenuates the virus due to the unique action of neutralizing its charge on the Spike Protein (S-Protein) of the virus.

6) What are the viruses or diseases against which Shycocan is effective?

Apart from the coronavirus, Shycocan attenuates the full spectrum of viruses belonging to Corona and Influenza family. These Postive-Sense viruses are enveloped with S-Protein which gets disabled by electrons. The Coronavirus family of viruses cause Pneumonia, Bronchiolitis, ARDS, MERS, SARS & COVID-19; and the Influenza family of viruses cause annual seasonal cases of flu, Swine Flu, Bird Flu, and many other varieties of viral flu. It can also protect from future pandemics caused by variants or mutants of these viruses of Corona and Influenza family.

7) Does Shycocan affect bacteria, fungi, and other microbes?

Shycocan does not affect any bacteria, fungi or other microbes; other than the Corona and Influenza family of viruses. It is very critical to maintain a balance of microbes in the environment, as a very sanitized environment can increase toxicity and compromise the immune system of humans.

8) Does Shycocan emit Photons or Electrons?

Shycocan emits Photons through a specialized alloy. The photons emit electrons on coming in contact with a solid surface. Hence, the whole action is termed as Photon-Mediated-Electron-Emission (PMEE).

9) Does the Shycocan work indoor and/or outdoor?

Shycocan is designed to work effectively in an indoor space. It may be partially effective in the outdoor space in areas where the photon rays strike directly.

10) How to setup Shycocan? Where shall I install Shycocan (s)?

Shycocan is a plug and play device that just needs to be switched ON. It is plugged into a standard A/C outlet. The installation is recommended using the wall stand provided with the device. The placement of the device is at a height of 7 feet or above on the wall that is close to one of the corners of the room pointing diagonally towards the opposite diagonal corner. This allows the maximum coverage of the room for protection.

11) What is the coverage area of Shycocan?

Shycocan covers an area of 10,000 cubic feet or 1,000 sq feet for space with a roof of 10 feet height. Multiple devices may be installed for larger spaces and placed as per the recommendation of our trained service professionals.

12) How to setup Shycocan devices in larger spaces?

Shycocan devices are currently designed for a single non-partitioned enclosed space of upto 1000 square feet. You can install multiple Shycocan devices for a larger area e.g. an office space with 2500 square feet would need 3 devices. It is recommended that they be placed at an equal distance or in the opposite corners of the room or alternatively on opposite walls for optimal coverage. Please use our trained service professionals for design optimization on request.

13) Will a single Shycocan cover my entire house?

One device covers one room up to 1000 square feet of uninterrupted space. It does not cover any area outside of the indoor space where it is installed, even if the room size is much smaller or with any partitions. Under these conditions, every room in the house that needs to be under protection requires one device each.

14) Where should Shycocan be installed?

Shycocan may be deployed safely in all environments both large and small enclosed spaces. Shycocan builds a safer environment in hospitals, clinics, homes, retail stores, restaurants & hotels, schools & colleges, places of worship, residential, commercial buildings, industrial and sporting environments etc.

15) Does the effectiveness of Shycocan reduce if the number of people in the given area increases?

It is recommended that people maintain reasonable distance, avoid body contact and not overcrowd the indoor space. There is a need to allow the Photons to cover the whole room and provide protection by releasing electrons that neutralize the virus. e.g. a conference room with normal seating would be safe to operate. However, very close proximity of people in a room or a space may reduce its effectiveness.

16) How do I know if my Shycocan is working effectively?

There are multiple ways to find out if the Shycocan device is working.

- An indicator light in the front panel of the device shows it to be working.
- In case the device is not working an inbuilt alarm starts to hoot.
- Holding a CFL bulb or tube light infront to the device at a distance of 1-2 feet makes it flicker, indicating the emission of Photon mediated electrons.
- For more complex environments where multiple devices are installed, our trained professionals check the density of electrons using an oscilloscope. This service is available on request.

17) Does Shycocan cure a patient infected by coronavirus?

Shycocan stops the transmission of the virus from the patient to other people who are not infected by the virus in the closed space where the device is installed. But, it does not help to cure patients that have already tested positive for coronavirus.

18) How long does the effect of Shycocan last?

Shycocan needs to be keptoperational continuously to protect the transmission of the coronavirus in the closed space. It is recommended that power back-up be installed to ensure that it does not stop working during any power failure.

19) Are there any side-effects of Shycocan on humans, other living beings, or the environment?

Shycocan does not have any side effects on humans, living organisms, plants, or the environment. All the relevant tests related to the environmental safety as prescribed by CE certification were carried out by UL (leading testing labs in the world), and it was determined that the device meets all safety standards. Further, it does not generate any Ozone, which may damage the human lungs. Every Shycocan is tested for the absence of Ozone before dispatching from the manufacturing location.

20) Should people having any medical ailments avoid using the Shycocan?

There are no known side-effects of Shycocan on people facing any medical condition. It is considered safe and highly recommended to be used to protect patients of any other medical ailments from contracting coronavirus as they may already have a depressed immune system due to other ailments.

21) What is the possibility of a person exposed to Shycocan contracting coronavirus once he/she moves beyond the device reach?

Shycocan protects the indoor space where it is installed. Once the person leaves that indoor space where the device is installed, they need to take precautions as advised by WHO guidelines.

22) Can the photon rays emitted from Shycocan contaminate food or water?

Shycocan does not harm food, water, and the environment.

23) May I keep my windows and doors open in a room where a Shycocan is running?

It is advisable to keep the doors and windows closed wherever possible. In case, they need to be kept open, Shycocan should be installed pointing away from the open windows or doors towards a wall or the closed area to maximise the emission of electrons.

24) What maintenance is required for a Shycocan devices?

Shycocan needs cleaning in the front plate to maintain the air circulation. This can be done by the customer. It does not require a periodic change of consumables or any other component.

25) How many hours should I keep it on? What is the electricity consumption?

Shycocan is designed for continuous use. It is recommended to be kept ON 24/7 or start thirty minutes before the closed space is used. The power consumption of the device is 30 W.