

## **Corona Virus Treatment By Curative Measures In The infected Patients & Preventive Approaches**

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### **What is the problem?**

Curative measures for Corona virus in the infected patients.

### **Apa masalahnya?**

Tindakan kuratif untuk virus Corona pada pasien yang terinfeksi.

### **Background:**

Corona virus has become pandemic and highly contagious for human being, the virus spreads through droplets from mouth and nose of the infected people. Once a person is infected by corona virus, the virus remains in the nostrils, in the mouth cavity, in the throat for some time. At this stage the person is infected and depending upon immunity of the person and load of the virus the infection spreads inside the body and respiratory system. Finally it creates acute respiratory problem and the patient goes in the critical stage.

During the resting stage of corona virus in the nasal cavity, mouth cavity and throat, we can control and eliminate these viruses using very basic mechanism. Corona virus has an envelope or coating which contains fatty acid layer. According to WHO washing hands with soap for twenty seconds will kill corona virus by disintegrating the fatty acid layers of capsid of corona virus.

### **Latar Belakang:**

Virus Corona telah menjadi pandemi dan sangat menular bagi manusia, virus ini menyebar melalui tetesan dari mulut dan hidung orang yang terinfeksi. Setelah seseorang terinfeksi oleh virus korona, virus itu tetap berada di lubang hidung, di rongga mulut, di tenggorokan untuk beberapa waktu. Pada tahap ini orang tersebut terinfeksi dan tergantung pada kekebalan orang tersebut dan jumlah virusnya, infeksi menyebar di dalam tubuh dan sistem pernapasan. Akhirnya itu menciptakan masalah pernapasan akut dan pasien pergi pada tahap kritis.

Selama tahap istirahat virus korona di rongga hidung, rongga mulut dan tenggorokan, kita dapat mengendalikan dan menghilangkan virus ini menggunakan mekanisme yang sangat mendasar. Virus Corona memiliki amplop atau pelapis yang mengandung lapisan asam lemak. Menurut WHO, mencuci tangan dengan sabun selama dua puluh detik akan membunuh virus korona dengan menghancurkan lapisan asam lemak kapsid virus korona.

### **Proposed Solution:**

I propose that edible emulsifier molecules will effectively kill corona viruses, I further propose that when a corona virus has already infected a person and rested in the nasal passage, mouth and throat region, the edible emulsifying molecules is contacted on the virus as nasal drop or as mouth wash for twenty second or more will killed viruses.

Further I propose nano-formulated emulsifier will kill an internalized corona virus when the person is given appropriate dose of the nano-emulsifying molecules. The mode of action may be described as when nano emulsifier is orally taken by the patient and absorbed in the blood system and circulated the virus particles waiting on the cell membrane to penetrate will come in contact with nano-emulsifier and get killed.

**Method of the Application:**

1. Nasal drop: These emulsifier will be taken as a nasal drop to wet the entire nostril passage and allow to keep the liquid for at-least 20 seconds. The emulsifier nasal drop will kill all the corona virus inside nasal cavity.
2. The edible emulsifier can be used as mouth wash and gargle for few minutes to kill the viruses in the mouth and throat. The patient will retain the emulsifier liquid in the mouth and then expel it.
3. The new nano-fabricated emulsifying molecules (edible) may be orally administered which will pass through the elementary canal and eventually reach intestine for absorption in the blood, the blood will carry these administered molecules in contact with the corona virus in the lung cells and eventually killing them by disintegrating the capsid outside the cell before penetration.
4. All the above emulsifier and nano-emulsifier may be conjugated with drug molecules for better management of corona virus and elimination of corona virus.

**Note: This is brief note of my solutions for corona virus curative measures, I will give the detail of synthesis and the molecular mode of action afterwards.**

**Solusi yang Diusulkan:**

1. Saya mengusulkan bahwa molekul pengemulsi yang dapat dimakan secara efektif akan membunuh virus korona, saya lebih lanjut mengusulkan bahwa ketika virus korona telah menginfeksi seseorang dan beristirahat di daerah hidung, mulut dan tenggorokan, molekul pengemulsi yang dapat dimakan dihubungi pada virus sebagai tetes hidung atau karena mencuci mulut selama dua puluh detik atau lebih akan membunuh virus.
2. Lebih lanjut saya mengusulkan pengemulsi yang diformulasikan-nano akan membunuh virus korona yang diinternalisasi ketika orang itu diberikan dosis yang sesuai dari molekul pengemulsi nano. Mode tindakan dapat digambarkan seperti ketika nano emulsifier diambil secara oral oleh pasien dan diserap dalam sistem darah dan diedarkan partikel virus yang menunggu pada membran sel untuk menembus akan bersentuhan dengan nano-emulsifier dan terbunuh.

**Metode Aplikasi:**

1. Tetes hidung: Pengemulsi ini akan diambil sebagai tetes hidung untuk membasahi seluruh lubang hidung dan memungkinkan untuk menjaga cairan setidaknya selama 20 detik. Tetes hidung pengemulsi akan membunuh semua virus korona di dalam rongga hidung.
2. Pengemul yang dapat dimakan dapat digunakan sebagai pembersih mulut dan berkumur selama beberapa menit untuk membunuh virus di mulut dan tenggorokan. Pasien akan menyimpan cairan pengemulsi di mulut dan kemudian mengeluarkannya.
3. Molekul pengemulsi buatan-nano yang baru (dapat dimakan) dapat diberikan secara oral yang akan melewati saluran elementer dan akhirnya mencapai usus untuk penyerapan dalam darah, darah akan membawa molekul-molekul yang diberikan ini dalam kontak dengan virus korona dalam sel paru-paru dan akhirnya membunuh mereka dengan menghancurkan kapsid di luar sel sebelum penetrasi.
4. Semua pengemulsi di atas dan pengemulsi nano dapat dikonjugasikan dengan molekul obat untuk pengelolaan yang lebih baik dari virus corona dan eliminasi virus corona.

**Catatan: Ini adalah catatan singkat dari solusi saya untuk langkah-langkah kuratif virus korona, saya akan memberikan detail sintesis dan mode aksi molekuler setelahnya.**

An inventor, professor with an extraordinary record in patent publications, an advanced educational background, proven dynamic leadership and lecturing capabilities.

I am carrying out research work on diverse field of technology. A short list of technological fields I have extensively worked is given below. I have hundreds of inventions on the following technological areas of which many are sold to US companies and are patented in USA, Australia, China, WIPO and also in India. My technological innovations are purchased by PEPSICO, Meat and Live stock Australia, Bill Gates Milinda Gates Foundation and other companies. My inventions are sold through stringent selection among submission from inventors worldwide. Few inventions and patents are interdisciplinary. I have many inventions not yet patented and few trade secret inventions on nanotechnology. My invented and patented nanofertilizer is already launched in India and will be launched in other counties as well.

1. **Nanotechnology** (WO2014132106, US 9359265B2, US20130219979A1, US20130219979, US20160318820, china(CN104114028A),Australia(AU2012369910A1), India(IPO0154/KOL/2012),WIPO(WO2013121244A1 US20150375302A1
2. **Electrochemistry and chemical engineering** US20140377662A1 WO2014140700A1 US9577260B2 US20150052739A1 CN104419834A CN105228955A IN962KOL2013A IN734KOL2013A CN104419834B
3. **Polymer science and technology** US20170226282A1 IN-201731001688
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5. **Electronics and sensor device** US20150140305A1 US20170226282A1
6. **Metallurgy** WO2014132106A1 US20150375302A1

7. **Agriculture** US 9359265B2, US20130219979A1, US20130219979, US20160318820,  
china(CN104114028A), Australia (AU2012369910A1),  
India(IPO0154/KOL/2012),WIPO(WO2013121244A1)
8. **Mechanical engineering** Under process
9. **Food technology and food processing** US20170223990A1 US20170215460A1
10. **Electrical engineering** Under process

<b>Sl. No</b>	<b>Name of Applicant(s)</b>	<b>Patent No.</b>	<b>Award Date</b>	<b>Agency/Country</b>
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9.	Dr.Nilanjan Deb	IPO 296/KOL/2013	14.03.2013	Intellectual

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10.	Dr.Nilanjan Deb	US14769808	15.04.2013	Intellectual Ventures
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18.	Dr.Nilanjan Deb	AU-2012369910	04.09.2014	Intellectual Ventures
19.	Dr.Nilanjan Deb	CN-201410410702.7	15.08.2014	Intellectual Ventures
20.	Dr.Nilanjan Deb	US-14/464, 420	26.08.2014	Intellectual Ventures
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53.	Dr.Nilanjan Deb	US 10196319B2	05.02.2019	Xinova-LLC
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