



# COVID-19

Courtesy Christian Daniel Assoun (Physicist)  
AMERICAN INSTITUTE FOR PLASMA PHARMACY  
AND NEUROSCIENCES, non Profit Organization

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**PROJECT**

**PROTOCOL PHYSICO-CHEMICAL and PHARMACEUTICAL  
INTENSIVE CARE UNIT AT HOSPITAL**

**Code S2020/0056/2019**

**DEGENERATIVE and INFECTIOUS PATHOLOGIES**

**WLL (WHOLE LUNG LAVAGE)**

**Elimination of HEMOSIDERIN-and CHO(CHOLESTEROL) polymers-Termination of ROS in alveolar structures.**

**Important Notice :**

This protocol is exclusively reserved for medicine doctors applicants and under their responsibilities.

HOSPITAL NAME or INSTITUTION

Address:

Country

Director or Administrator name or Chairman of the medicine board

Telephone

Fax

e-address @ XYXYXY ID ----- skype ID----- whatsapp

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THE PRESENT PROTOCOL (WWL modified ) CAN PREFERABLY APPLIED to ALZHEIMER DISEASE (intensive care )(AD) PATIENTS or to COVID-19 PATIENTS (intensive care-intubation stage)

**Application of the protocol and abstract of the project:**

Important notice:

SEVERAL CYCLES

## **ACTION 1 cycle**

### **CLEANING OF ALVEOLAR STRUCTURES**

considered as mechanical action WLL(physics-saline solution dynamics chemistry).

- Sodium Heparin ( **if** compatible with the biochemistry clinic data of the patient )

The application of the protocol is linked to the survey of clinical bio-chemistry and vital constants of the patients at IUC.

## **ACTION 2 cycle**

### **CHELATION OF HEMOSIDERIN**

Drugs associated and added to the first action ( SALINE SOLUTION)

Choice among the following chelation agents:

**DEFERIPRONE ( DFP)**

DEFERIOAMINE(DFO)

DEFERASIROX(DFX)

### **ACTION 3 cycle**

#### **CHELATION and dissolution of CHOLESTEROL**

#### **Drugs are added to saline solution**

- CYCLODEXTRIN (molecular cage form to be elected)
- Ursodeoxycholic Acid

### **ACTION 4 cycle**

**Protection of the alveolar structures against contaminants agents resulting from the ROS induced by toxic molecules or viral genes.**

#### **The drugs are added to the saline solution**

- Azithromycin
- Zinc Citrate)/Zinc Carbonyl(patent)
- OrthoSilicic Acid(Silanol compound)-SiHR57-SiliconG57

Possible Associated protocols to 1 to 4

**ECMO extra corporal oxygenation**

**ECTR dialysis- removal of CO2 others toxic compounds.**

**For each drug (listed in the following list) added in the LAVAGE saline solution(or other) the applicant(MED doctor) is aware of the CAS number and adversarial effects of the compounds – routine concentrations for the WWL lavage.**

Regarding possible intake drug protocol (routine drug administration calculate on the basis of the pharma vigilance notice delivered by the manufacturer )

If one drug was delivered (routes of administration) by oral or intranasal via or intravenous via intraperitoneal the concentration must be seriously appreciated.

Possible drugs list: LAVAGE LIQUID compounds or routes of administration .

- Sodium Heparin ( if compatible with the biochemistry clinic data of the patient )
- CYCLODEXTRIN (form to be elected)
- DEFERIPRONE ( DFP)
- DESFERIOAMINE(DFO)
- DEFERASIROX(DFX)
- Zinc Citrate)/Zinc Carbonyl (patent)
- Ursodeoxycholic Acid
- OrthoSilicic Acid(Silanol compound)-SiHR57
- Azithromycin

Contact:

[support@aipn2-neurosciences-alzheimer.com](mailto:support@aipn2-neurosciences-alzheimer.com)

[www.silicon-g57.us](http://www.silicon-g57.us)

**At first goal, the protocol is addressed to patients under intubation( decision) and with severe pulmonary stress.**

The first aid of the protocol( all this information will be shortly indicated in our website): certainly later with new button **(hospital techniques - protocols and products)**

**[www.aipn2-neurosciences-alzheimer.com](http://www.aipn2-neurosciences-alzheimer.com)**

to be more clear, at my point of view for Covid-19 infection , the first job is to **clean** alveolar structures (with help of WLL), who contains toxic by products as well as HEMOSIDERIN and CHOLESTEROL(named **CHO** in the studies and in the patents applications US-LU-IE 2019-2020 you can appreciate this very good video taken by the med Radiologist **Dr Rodolphe Gombergh** in Paris, if you cannot read this video correctly, I will try to find a good one, because it's very recent Video.

**The first action is to clean ( WE DO NOT SPEAK ABOUT drugs oral(others) via only for the moment the WLL procedure( mechanical).**

**Saline solution added with:**

- **One** of the best choice of chemicals for chelation as well as **DEFERIPRONE(DFP)** or **DEFERIOAMINE(DFO)** or **DEFERASIROX(DFX)** this choice is under the expertise of the med doctors at your ICU
- **CYCLODEXTRIN** a very interesting product to capture **CHOLESTEROL** , others
- **Ursodeoxycholic acid** a very interesting product to capture **CHOLESTEROL**, others

**All the vital parameters must be permanently during intubation and lavages, surveyed mainly (EKG) and CT scans.**

**Special point to be added or excluded in the WLL procedure( is Sodium Heparin ) regarding to clinical chemistry of the patient mainly Iron status and Sodium Status among others, the Sodium heparin will probably help in the Protocol.**

During the four cycles ( if, WLL first physical chemistry mechanical works well) , to protect the alveolar functions in order to prevent the aggregation of side products of the ROS- as well as CHO copolymers and hemosiderin( the same contaminant and toxic effect in synaptic clefts) it could be fine if possible to recover **by side products** of WLL in order to be analyzed (ICP MS -LC-MS/LC-MS-MS ) in the future ( at our point of view very interesting for the ROS mechanisms may be already done(if yes please be kind to forward us this study for Covid-19 stage WWL.

**COMMENTS not included in the PPT presentation.**



**The protectors** could be : in WLL

**Zinc Citrate associated to OrthoSilicic Acid this complex is named ( Si-G57 or SiHR 57) ( Glycan Industries source)**

**Other protectors in WLL**

Azithromycin( you can decide the dose in mg/L)

This Protocol can be assimilated as ENGINEERING protocol in order to act rapidly in IUC- we registered this protocol June July 2019- US- Luxemburg and 2020 8 of April 2020 in Ireland- we do not invent new molecules but working with best molecules included our we prepare with our electrochemistry patent( Zinc Carbonyl)1996.

REGARDING cures for COVID there are lot of solutions on the table at international level, it's another discussion, the same for ALZHEIMER.

Alzheimer-Covid 19 the same combat because very recently Chinese studies or elsewhere pointed neurological facts ( memory losses...) and ageusia and anosmia, therefore neuro loco regional tissues affected by COVID-19.

These by side products( hemosiderin and CHO(Cholesterol plaques... others )and APO (accelerating A $\beta$ -amyloid production) are the result of ROS mechanisms and block the synaptic transmission.

In both cases we need to clean Lungs or neuronal tissues (the best way seems to be intranasal via, in order to by pass the BBB(who often causes molecular weight problems ( steric effects of the drugs(steric congestion) in this case hemosiderin proximity, for this reason we must clean Hemosiderin and CHO false polymers.

**The hemosiderin has been detected in AD brain by the works or Argonne Laboratories US.**

How hemosiderin is produced:

to simplify the discussion

A violent ROS caused by the viral attack of Covid-19 generate alt level of cytokine response CRS and increase the ROS status, if the level of Cytokines production is much higher than the normal average concentration.

**Hemoglobin is under cyanosis effect and produce Hemosiderin.**

**The protocol would be applied to AD patients with severe pulmonary stress at intubation stage.**

**It could be interesting to recover WLL products coming from the lavages and examine by LC-MS/MS or NMR the identification of the molecules coming from the chelation.**

Also in the video you can appreciate the blue balls are the areas where the hemosiderin is forming a “clot” and avoid O2 exchange and go to cyanosis CO-CO2, it’s “mechanical fact” based on molecular stress caused by ROS considerably accelerate by the Covid-19 attack.

IMAGES below 3D-4D of the pulmonary attack with COVID-19 ( video courtesy Dr Rodolphe Gombergh ( Radiologist Paris).

<https://fr.news.yahoo.com/coronavirus-video-degats-coronavirus-organisme-130913163.html>

Blue balls structures are by side products of the ROS among others as well as Hemosiderin-Cholesterol.



09.00 **LCI**  
SPÉCIALE  
CORONAVIRUS

**DR RODOLPHE GOMBERGH • Radiologue**

**EXCLUSIF : LE VIRUS FILMÉ !**

**Audrey & Co** **VIRUS** | 1 514 nouveaux décès aux États-Unis dus au coronavirus en 24h  
(Université Johns Hopkins)

Spin off of the study.

It could be great if the protocol could help patients in plenty of ICU AD -Covid19- for Cancers we hope to work with Dr Charles Limoli in Irvine University and complete our NOA at NASA NSPIRES ( emergency protocol for Space debris remediation and Medical food or drug (without side effects for astronauts( against hard radiation) hard UV- X and gamma rays-cosmic radiative package and DNA and neuronal tissues damages.

Bibliography

Scientific and med references, publications, abstracts, clinical trials.