

COMVATTM
DUO₃
Ultraviolet light & ozone treatment

A SOLUTION TO IMPACT ON EMERGENCY SITUATION COVID-19

More than
5.600.000
infection



More than
356.000
dead

Humanity is facing an international pandemic never seen in centuries

Comvat DU03™

is specially designed to act directly
in prevention and associated
with the current COVID-19 alert



Let's break
the chain
of transmission!

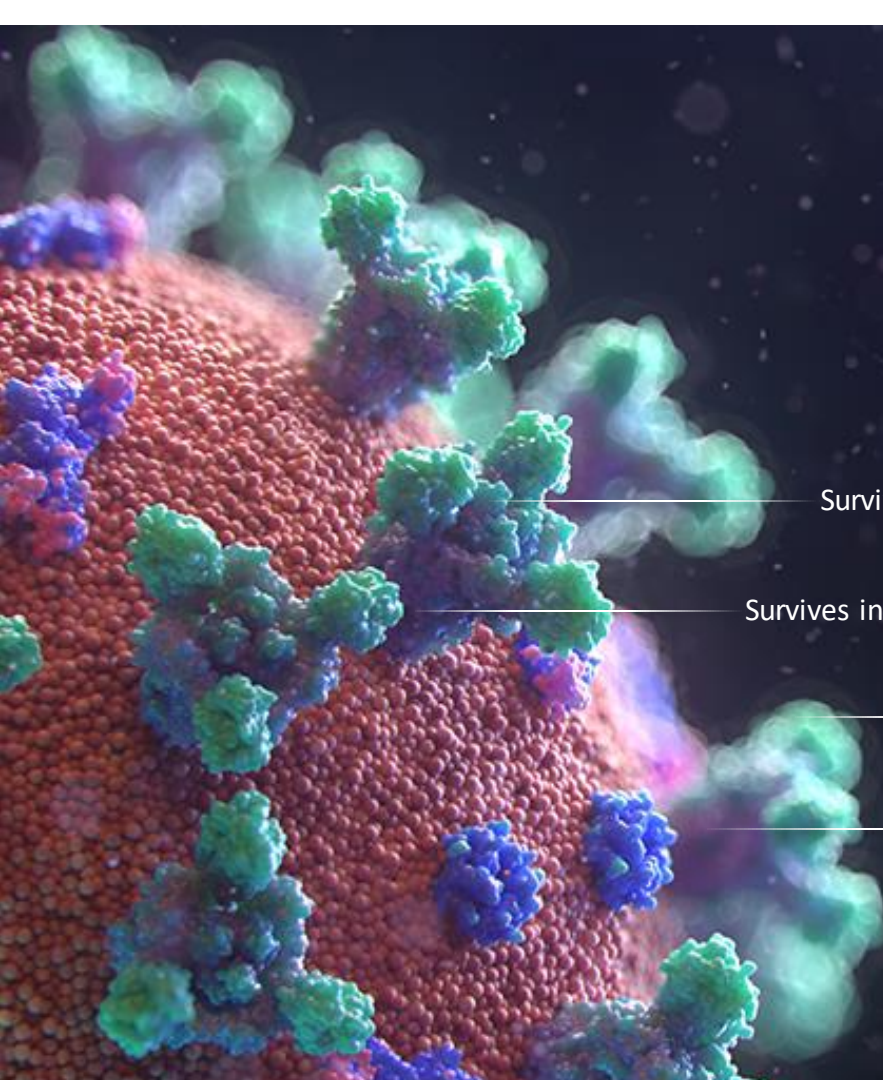
SARS-CoV 2 is a highly pathogenic coronavirus

Survives in different environments of heat and temperature.

Survives in suspension.

Influence of the pH.

Survival on biological fluids.

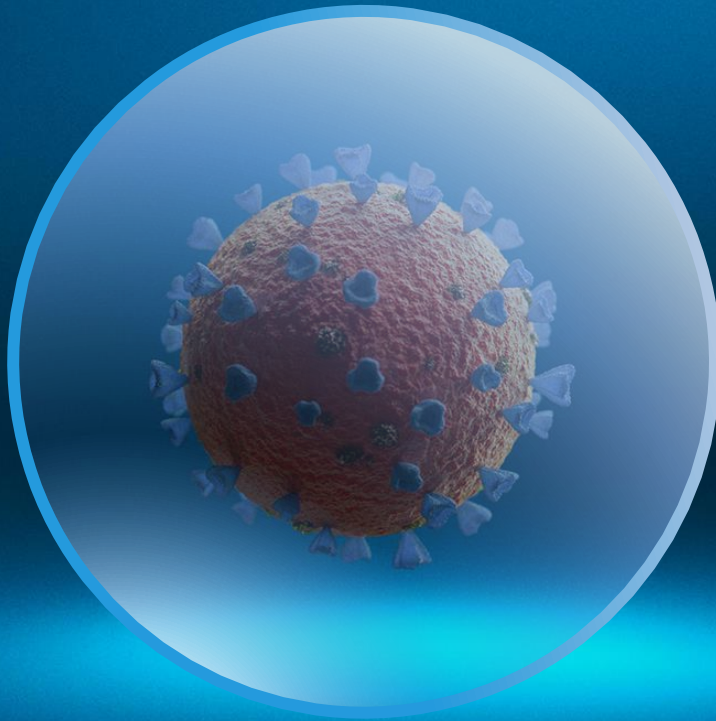


INTERmedic has envisaged the essential need of an efficient and adaptative environment and has responded with the solution

COMBATTM
DUO
Ultraviolet light & ozone treatment **3**

Disinfection + antiseptis

PREVENTION



UV + O₃ + DOSIMETRIES
in the safest way
to inactive the virus

Assuring a correct **dosimetry**, to inactivate the virus.

Taking into **consideration the Surface, and volume of the area** to be disinfected.

Ensuring to **cover all places, surfaces and textures** inside the area which is being cleaned.

Ensuring we are dealing with a **safe device to both the environment and general population.**

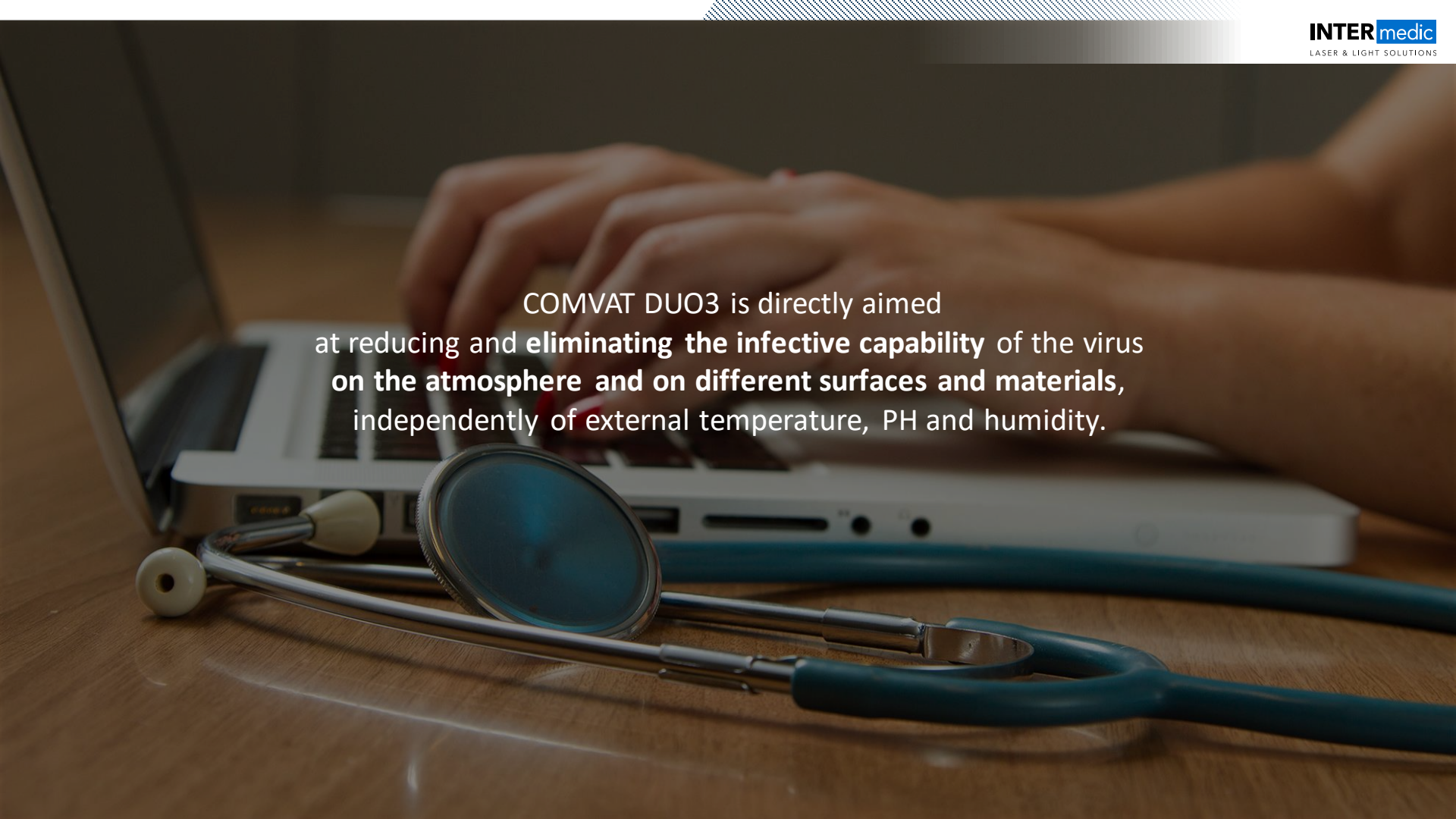
Ensuring that the strictest of measures and protocols achieved through more than 20 years in the market.

SARS-CoV-2 was detected in door handles and handrails of COVID-19 infected patients

SARS-CoV2 RNA was detected in the hospital atmosphere¹

Other tools such as bedtables, phones and beds have COVID-19 presence, with or without mechanical ventilation.

SARS-CoV-2 can remain in different surfaces such as metal, glass or plastic
up to 9 days!



COMVAT DUO3 is directly aimed
at reducing and **eliminating the infective capability** of the virus
on the atmosphere and on different surfaces and materials,
independently of external temperature, PH and humidity.

CHAIN BREAKING FORMULA

COMVAT DUO3




PREVENTIVE MEASURES

Hand Washing

Face Masks

Social distance



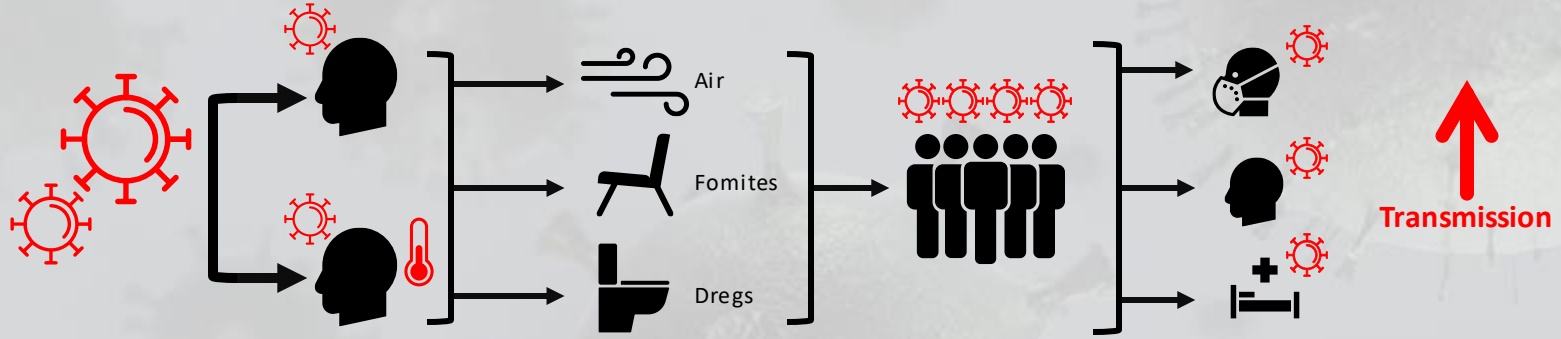


COMVAT DUO3 acts directly in monitoring the hygiene and disinfection of the hospital and clinic's atmosphere, to ensure the safety of the medical treatments and the quality of control during the hospital-phase of the infection.

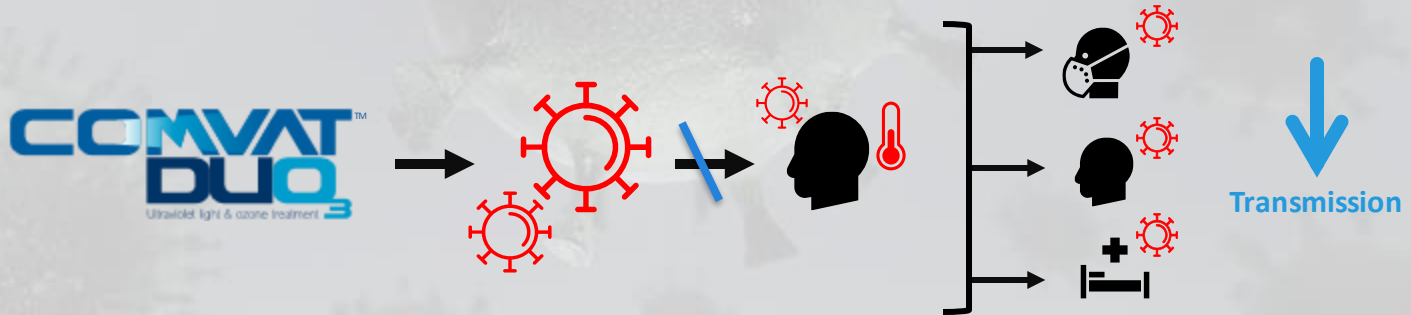
COMVAT DUO3 is firstly aimed
to these hospitals, clinics and GP's,
in order to protect health professionals.



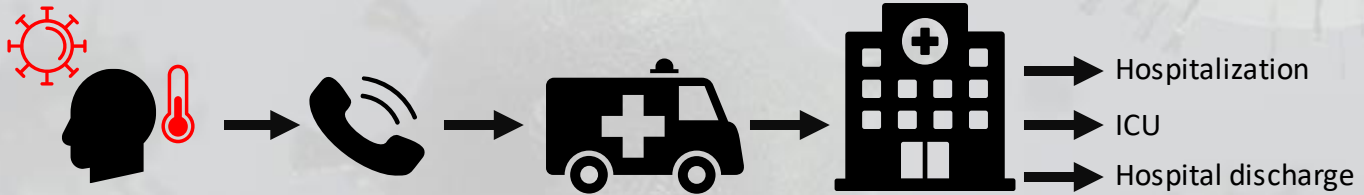
Current transmission chain



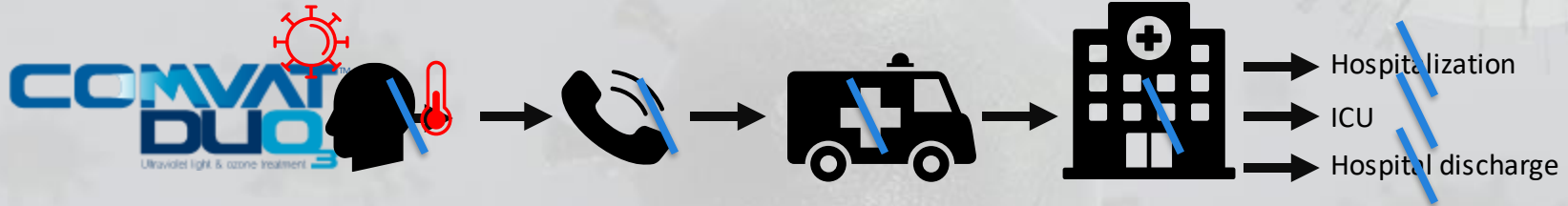
Breakdown of the transmission chain



Actual process



Desired process



CONVAT DUO3 helps public or private health:

Fighting against in-hospital infections

Providing safety for health workers

Providing security for patients visiting or entering Health Centers

Reducing the use of hospital beds and resources

CONVAT DUO3 helps economic distress: faster reactivation

CONVAT DUO3 helps building social confidence

Room

Treatment

A
Sala < 20 m²

UV-C

B
Sala 20 - 30 m²

O3

C
Sala 30 - 40 m²

UV-C + O3

D
Sala > 40 m²

Treatment Finished

Star Time 16:52:59

UV-C Cycle:

Actual Time ----

O3 Cycle:

End Time 16:53:59



!! WARNING!!
Treatment running

Stop

Star

Room

Treatment

A
Sala < 20 m²

UV-C

B
Sala 20 - 30 m²

O3

C
Sala 30 - 40 m²

UV-C + O3

D
Sala > 40 m²

Treatment Finished

Star Time 16:52:59

UV-C Cycle:

Actual Time ----

O3 Cycle:

End Time 16:53:59



!! WARNING!!
High Ozone level in the room

Stop

Star

!!WARNING!! Presence in the room

94%

Room

Treatment

A

Sala < 20 m²

UV-C

B

Sala 20 - 30 m²

O3

C

Sala 30 - 40 m²

UV-C + O3

D

Sala > 40 m²

Treatment Finished

Star Time

16:52:59

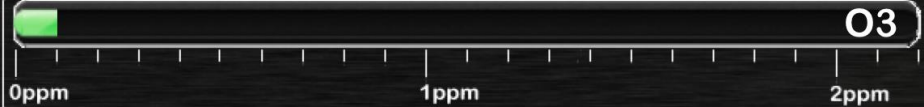
UV-C Cycle:

Actual Time

O3 Cycle:

End Time

16:53:59



No Treatment
Save Ozone level in the room

Stop

Star

Room

Treatment

A
Sala < 20 m²

UV-C

B
Sala 20 - 30 m²

O3

C
Sala 30 - 40 m²

UV-C + O3

D
Sala > 40 m²

Room A: < 20m² & UV-C Selected : 6 minutes

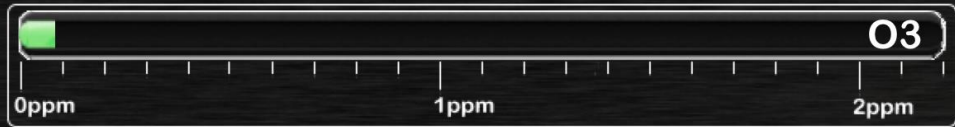
Star Time 16:52:59

UV-C Cycle:

Actual Time 16:53:22

O3 Cycle:

End Time 16:53:59

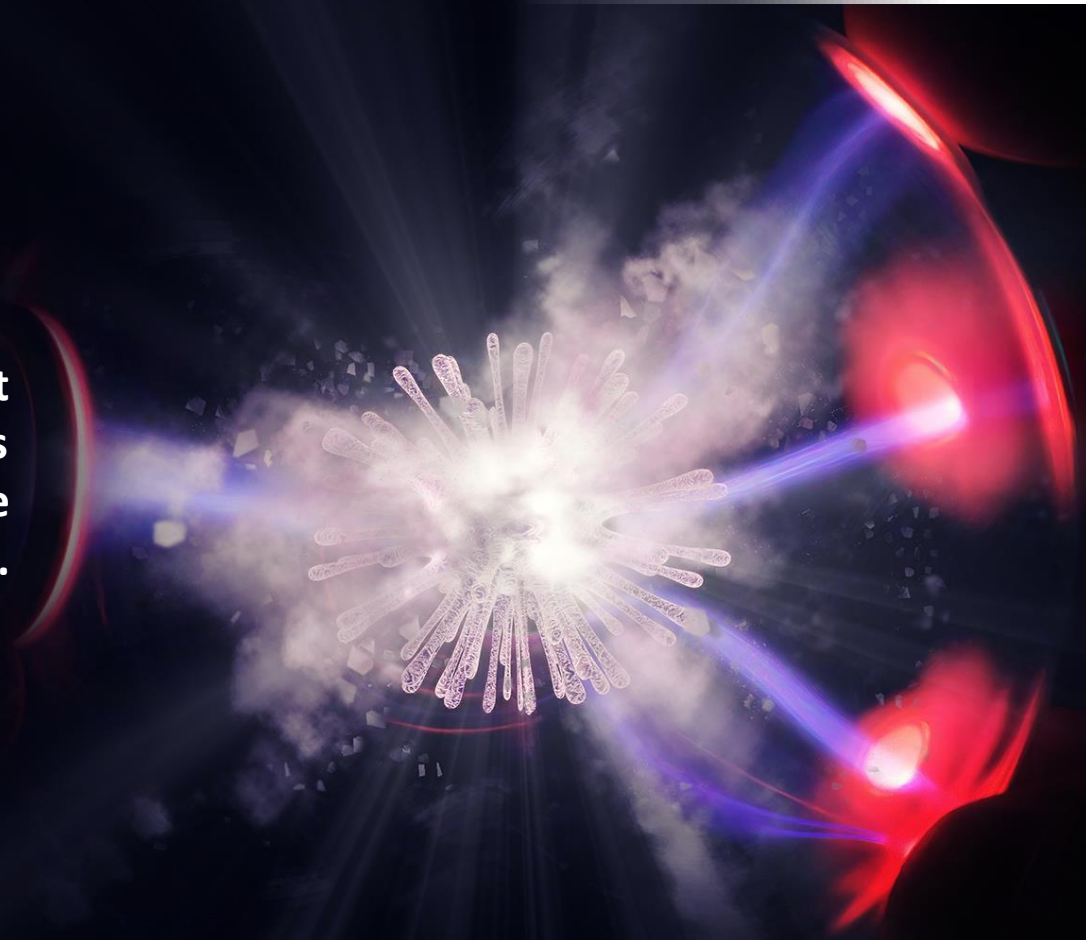


No Treatment
Save Ozone level in the room

Stop

Star

**While there's no treatment
we need powerful measures
to stop the spread of the
virus globally.**



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