

# CRITICAL HEALTHCARE INFORMATION

## NOVEL CORONAVIRUS SARS-CoV-2 INFECTION PREVENTION MEASURES

On the 31 of December 2019, WHO was informed by Chinese authorities about several cases of pneumonia in Wuhan City, Hubei Province of China. The 7<sup>th</sup> of January 2020, **a new coronavirus was identified and initially named "2019-nCoV", and currently "SARS-CoV-2"**. Since then, numerous cases have appeared in different countries, and **human-to-human transmission has been proven**. Worldwide investigations are ongoing to learn more about this new virus.

Regarding **infection prevention measures**, standard precautions must be implemented in healthcare settings for all patients, all cares and by all healthcare workers. **In case of contact with a suspected or confirmed COVID 19 patient, transmission-based precautions** must be implemented.

As infection control specialists, we support health care settings in implementing the infection prevention measures.

GENUS	<b>Novel coronavirus</b> (SARS-CoV-2) <i>Different from viruses SARS-CoV and MERS-CoV</i> <b>Enveloped virus with RNA genome</b> from <i>Coronaviridae</i> family
TRANSMISSION	- <b>Transmission from human to human</b> via direct contact through hands or airborne transmission via exposure to contaminated droplets - <b>Transmission via contact with infected animals</b>
SYMPTOMS	Respiratory symptoms, fever, cough, shortness of breath and difficulty breathing. In more severe cases, the infection can cause pneumonia, severe acute respiratory syndrome, kidney failure and even death.
INCUBATION	From 7 to 14 days
RECOMMENDED EFFICIENCY	<b>Virucidal activity against enveloped virus according to standard EN 14476</b> on vaccinia virus

# INFECTION PREVENTION MEASURES:

<b>FOR HEALTHCARE WORKERS</b>	<b>TRANSMISSION-BASED PRECAUTIONS:</b> <ul style="list-style-type: none"> <li>• Practice hand hygiene with high level of compliance</li> <li>• Use adapted respiratory protective mask*</li> <li>• Wear long sleeve, water resistant and single use disposable gown</li> <li>• Eye protection (for aerosol generating by care procedures)</li> <li>• Routinely clean and disinfect patient-contact surfaces</li> </ul>
<b>FOR ALL PATIENTS &amp; VISITORS</b>	Hand hygiene with alcohol-based hand sanitizer
<b>FOR SUSPECTED PATIENTS (cough + fever)</b>	Wear surgical mask Place patients in pre-identified individual isolation room

\*FFP2 or surgical mask according national recommendations

## PRODUCT RECOMMENDATIONS\* :

**\*All recommended products are compliant with EN 14476 or have limited spectrum activity against vaccinia virus according to EN 14476**

ENVIRONMENTAL HYGIENE		INSTRUMENT REPROCESSING	
<b>Floors &amp; Surfaces (concentrated products)</b>	SURFANIOS PREMIUM ANIOS OXY'FLOOR	<b>Pre-disinfection</b>	ANIOSYME X3 ANIOS'CLEAN EXCEL D
<b>Surfaces (ready-to-use)</b>	WIP'ANIOS EXCEL ANIOS QUICK WIPES ANIOSPRAY QUICK SURFA'SAFE PREMIUM	<b>High-level disinfection</b>	ANIOXYDE 1000 LD STERANIOS 2% ANIOSEPT ACTIV ANIOXY-TWIN CONCENTRÉ OPASTER ANIOS
<b>Airborne disinfection</b>	ASEPTANIOS AD		
HAND HYGIENE			
	ANIOSGEL 800 ANIOSRUB 800 ANIOSGEL 85 NPC ANIOSRUB 85 NPC		

### References :

- <https://www.who.int/emergencies/diseases/novel-coronavirus-2019>  
<https://www.cdc.gov/coronavirus/2019-ncov/about/index.html>  
<https://www.pasteur.fr/fr/centre-medical/fiches-maladies/coronavirus-wuhan>  
[https://www.sfi2h.net/wp-content/uploads/2020/01/2019-nCoV\\_fichesoignants22janv\\_vf.pdf](https://www.sfi2h.net/wp-content/uploads/2020/01/2019-nCoV_fichesoignants22janv_vf.pdf)  
<https://www.ecdc.europa.eu/en/novel-coronavirus-china>