

# CRITICAL HEALTHCARE INFORMATION

## NOVEL CORONAVIRUS COVID-19 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 named "COVID-19"**. 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 patient affected by the virus, extra precautions** must be implemented.

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

GENUS	<p><b>Novel coronavirus</b> (COVID-19)</p> <p><i>Different from viruses SARS-CoV and MERS-CoV</i></p> <p><b>Enveloped virus with RNA genome</b> from <i>Coronaviridae</i> family</p>
TRANSMISSION	<ul style="list-style-type: none"> <li>- <b>Transmission from human to human</b> via direct contact through hands or airborne transmission via exposure to contaminated droplets</li> <li>- <b>Transmission via contact with infected animals</b></li> </ul>
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

### ECOLAB HEALTHCARE

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# INFECTION PREVENTION MEASURES:

<b>FOR HEALTHCARE WORKERS</b>	<b>REINFORCED STANDARD PRECAUTIONS:</b> <ul style="list-style-type: none"> <li>• Practice hand hygiene with high level of compliance</li> <li>• Use respiratory protective mask, EU FFP3</li> <li>• Wear single use disposable coat</li> <li>• Eye protection</li> <li>• Routinely clean and disinfect patient-contact surfaces</li> </ul>
<b>FOR ALL PATIENTS, VISITORS AND STAFF</b>	Use soap and water to wash hands or an alcohol hand rub if hands are visibly clean.
<b>FOR SUSPECTED PATIENTS (cough + fever)</b>	Wear surgical mask Place patients in pre-identified individual isolation room

# PRODUCT RECOMMENDATIONS:

ENVIRONMENTAL HYGIENE	
<b>Floors &amp; Surfaces (concentrated products)</b>	(DVV enveloped virus efficacy only) ACTICHLOR PLUS
<b>Surfaces (ready-to-use)</b>	INCIDIN OXYWIPE S INCIDIN OXYFOAM S (DVV enveloped virus efficacy only)

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

HAND HYGIENE	
<b>Alcohol based handrubs</b>	SKINMAN SOFT PROTECT SPIRIGEL COMPLETE SKINMAN FOAM

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

HAND HYGIENE	
<b>Soaps</b>	SERAMAN SOFT SERAMAN SENSITIVE FOAM SERAMAN SENSITIVE

All recommended hand wash products are effective in the physical removal of microbes, including viruses.

## References :

<https://www.who.int/emergencies/diseases/novel-coronavirus-2019>

<https://www.cdc.gov/coronavirus/COVID-19/about/index.html>

<https://www.pasteur.fr/fr/centre-medical/fiches-maladies/coronavirus-wuhan>

[https://www.sf2h.net/wp-content/uploads/2020/01/COVID-19\\_fichesoinnants22janv\\_vf.pdf](https://www.sf2h.net/wp-content/uploads/2020/01/COVID-19_fichesoinnants22janv_vf.pdf)

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