



Title: **Disinfection of HMD cushion**

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1. Introduction

The HMD is usually used by different people during demonstrations, training or similar events. Therefore, special attention must be paid to compliance with hygiene principles. The face pad in particular must be disinfected before each use in order to limit the potential spread of pathogens as much as possible. In principle, only people who are free of infections should use the HMD.

2. Training Content

General Information

When selecting the appropriate disinfection method, potential hazards for the user and the device must be taken into account. Wipe disinfection is always the method of choice in this case. This ensures that the surface to be disinfected is evenly wetted and the effect is enhanced by the mechanical effect. It is advisable to use pre-saturated wipes that are sufficiently saturated with the disinfectant. This is best achieved by using pre-soaked disposable wipes with non-abrasive material.

While disinfectant wipes containing ammonium chloride are generally more compatible with materials than those containing alcohol, they also pose greater health risks if used incorrectly and can cause skin irritation or allergic reactions.

In our opinion, disinfectant wipes with an ethanol content of 45% offer the greatest benefit in terms of disinfecting effect in relation to material compatibility when used correctly and as intended.

The HMDs used by Innerspace have face pads made of artificial leather (HTC Vive Pro) or silicone (Meta Quest 3). These materials can also be disinfected without hesitation (in the stated concentration of 45% ethanol).

When disinfecting, make sure that the lenses on the inside and outside of the device do not come into contact with the disinfectant.

Sustainability

When using disposable wipes, it is important to us to choose manufacturers who place as much importance on sustainability in production and the choice of materials used as we do. For this reason, we only use disinfectant wipes that are **made from 100% biodegradable non-woven material**.

Recommended Disinfection Wipes



Innerspace uses and recommends **Descosept Sensitive Wipes** Desotex BIO from Dr. Schumacher

Step by Step Instruction



Wipe the surface to be disinfected completely and until it is **fully wetted**.



Always allow a exposure time of **one minute**.



All disinfected surfaces must be **completely dry** before the HMD is released for use again.