

Headset Hygiene in Healthcare

Maintaining Cleanliness in Virtual Reality: A Guide to VR Headset Hygiene in Healthcare Settings

Virtual Reality (VR) headsets have become integral tools in healthcare, aiding in patient treatment, therapy, and medical training. However, their frequent use in hospitals and clinics necessitates strict hygiene practices to prevent the transmission of germs and ensure the well-being of both patients and healthcare providers. This guide outlines essential steps for maintaining VR headset hygiene in healthcare settings.

The Importance of VR Headset Hygiene

VR headsets can harbor various forms of dirt, ranging from visible substances like makeup and sweat to invisible microorganisms such as bacteria and viruses. Regular cleaning is crucial to reduce the risk of infection and maintain a safe and healthy environment for users.

Cleaning Recommendations:

Standard Methods

1 Visual Check of Components:

Conduct a thorough visual check to ensure all headset components are free of debris and damage. In the case of damaged components, contact us or the manufacturer directly.

2 Remove Detachable Parts:

If possible, remove detachable components such as facial rubber, nose protectors, or light-blocking protectors for a more thorough cleaning between fissures.

3 Disposable Pads:

Utilize disposable face pads compatible with the headset to absorb wetness and grease. These pads are especially beneficial for shared headsets.

4 Sanitizing Wipes:

Clean the headset thoroughly before and after each use with alcohol wipes or specialized VR wipes. Pay special attention to the straps and facial interface. Consider using hypoallergenic, fragrance-free wipes like VR Cover for effective yet gentle cleaning.

5 Microfiber Cloth on Lenses:

After disinfecting, use a dry microfiber cloth to clean the lenses, maintaining sharp vision and optimizing the user experience.

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Advanced Methods: UVC Disinfectant Appliances

Investing in UVC disinfectant appliances like CleanBox can offer multiple benefits due to their highly effective 99.9% germ-killing capabilities.

The UVC disinfection process of germs, bacteria, viruses, and fungi is rapid (typically a few minutes), allowing for a quick turnaround between uses. This is particularly beneficial in busy hospital environments where efficient turnover of equipment is essential.

To acquire a **Cleanbox** product, contact us so we can connect you with the manufacturers.

Additional Recommendations

Storage: Store headsets in a dry, dust-free place after each use.

- **WARNING:** Do not leave the Headset exposed to direct sunlight or bright artificial light to avoid damaging the lenses.
- **Patient Instructions:** Advise patients to clean their hands with alcohol-based sanitizer before using the kit.
- **Surface Cleaning:** Clean all surfaces in contact with the patient after each session, including chairs, tables, and controllers.
- **Quarantine Measures:** Consider quarantining equipment if not in regular use, based on official health organization guidelines for COVID-19 survival on different surfaces.

CleanBox Procedure

If the hospital has a CleanBox, refer to the manufacturer's guide for instructions, or follow these steps:

- 1 **Turn on CleanBox** - wear latex gloves and place the headset onto the hanger inside the device.
 - 2 **Place Controllers** - put controllers on the device floor, close the door, and activate the sanitation cycle.
 - 3 **Wait for Cycle Completion** - wait for the cycle to end (indicated by the change in the light).
 - 4 **Retrieve Headset and Controllers** - take out the headset and controllers, place them back into the box, and follow
 - 5 the packaging procedure.
- End Procedure** - complete the process, ensuring authorized personnel oversee logistics and quality control.

