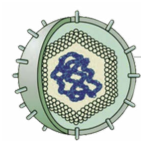




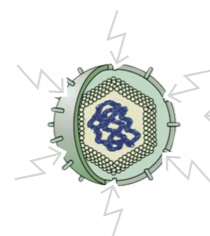
Efficacies of disinfectants: Viruses

Enveloped viruses



Lipid membrane

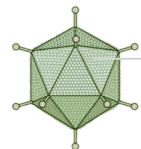
Fragile outer envelope, easy for the disinfectant to destroy



After disinfection

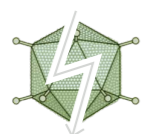
Lipid envelope is no longer functional

Non-enveloped viruses



Capsid

Robust capsule containing genetic information. More difficult for disinfectants to destroy



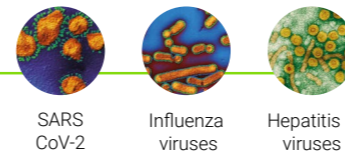
After disinfection

Capsid is no longer functional

Level 1 easy to inactivate

All enveloped viruses

Examples of enveloped viruses



SARS CoV-2 Influenza viruses Hepatitis B viruses

spectrum of efficacy

virucidal activity against enveloped viruses

Level 2 a little more difficult to inactivate

All enveloped viruses + these 3 non-enveloped viruses



Adenoviruses Noroviruses Rotaviruses

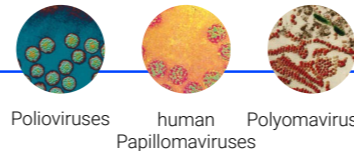
spectrum of efficacy

limited spectrum virucidal activity

Level 3 most difficult to inactivate

All enveloped viruses + all non-enveloped viruses

Examples of non-enveloped viruses



Polioviruses human Papillomaviruses Polyomaviruses

spectrum of efficacy

virucidal



Research for infection protection
hartmann-science-center.com

Unite for safety
Clean your hands

World Hand Hygiene Day
5.5.2022

#TogetherStrongAgainstGerms #MissionInfectionPrevention