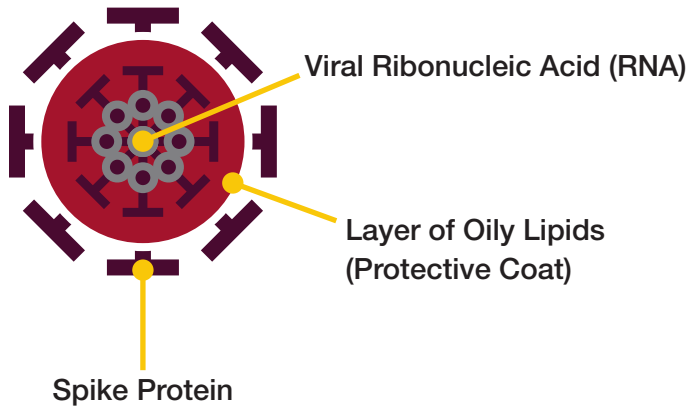


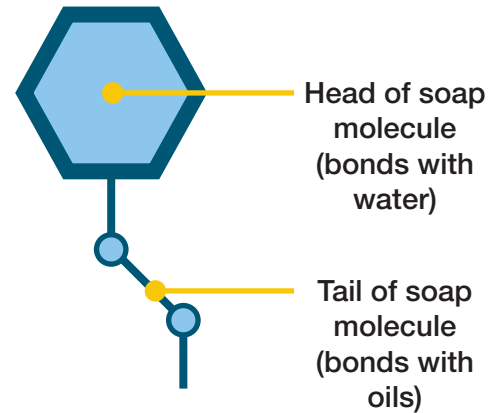
COVID-19 Prevention - Why Soap is Better

The following is an overview of how soap breaks down COVID-19 and other viruses.

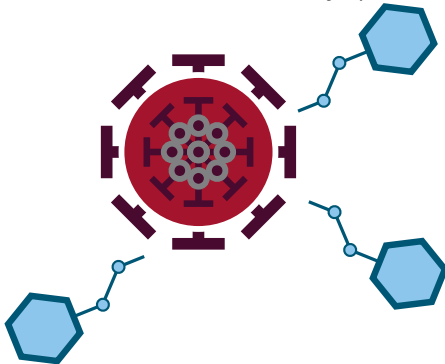
Make Up of the Virus



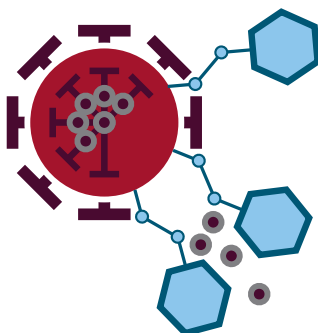
Soap Molecule



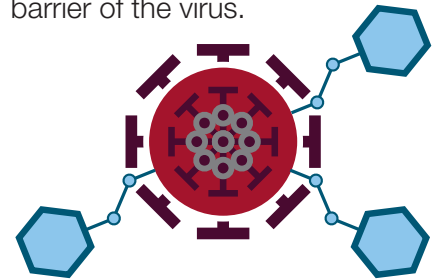
1. When using soap and water for handwashing, the head of the soap molecules bonds with water and the tail bonds with oily lipids.



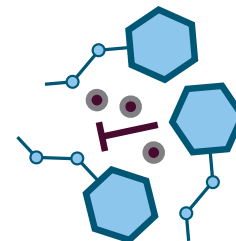
3. The soap molecule tails will group and wedge together into the oily barrier causing it to break down and release fragments of the virus.



2. The tails of the soap molecules will attempt to bond with the oily protective barrier of the virus.



4. The soap molecules then surround the fragments, encapsulating them before being washed away with water.



- Wash your hands often with soap and water for at least 20 seconds especially after you have been in a public place, or after blowing your nose, coughing, or sneezing.
- If soap and water are not readily available, use a hand sanitizer that contains at least 60% alcohol. Cover all surfaces of your hands and rub them together until they feel dry.
- Avoid touching your eyes, nose, and mouth with unwashed hands