

Are N95 respirators with Exhalation valves appropriate for COVID???

Protecting your patients

1

cover
valve
respirator surface

Exhalation valve is a one-way valve that opens only when you exhale.

2

When you exhale, the valve flaps open.

Airborne particles travel freely through the valve.

3

N95 without a valve doesn't allow droplets to go across the respirator.

How does this apply to COVID?

Not protected

N95 + valve

Exhaled airborne contaminants pass through the valve on the N95.

Your respirator protects you, but the patient is at risk if you are an asymptomatic or presymptomatic carrier.

Protected

N95 without valve

N95 without valves can prevent contaminants dispersing between you and other people.

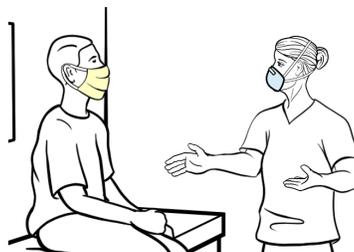
Likewise, valves on other masks are also ineffective to protect those around you.

What are exhalation valves for?



N95 with valves are invented for **industrial use**.

They block out inhalation of airborne contaminants while cooling the user.



N95 with valves do not protect patients.

Always wear a respirator that doesn't have a valve to protect those around you from getting infected.