

Replacement of face mask with reusable face cover to prevent from virus



As face masks sticks to the face area one tries to touch it or remove it due to itching or while talking but instead of that if we make helmet like cover made just from normal PVC sheet which completely covers front face area can be used in place of normal face mask. Holes can be made at down side of cover near to neck part as we know virus is heavy so it cannot move upwards in air so down side holes can only pass the air. PVC sheet is completely transparent so we can see through it easily so no need of holes. Thus there are no holes near to nose or mouth region. We can also use some more holes back side of ear for ventilation. There is no itching problem as there is gap maintained between face and cover. We person goes out he will wear it like an helmet after coming home or while removing it he can spray proper sanitizer or alcohol or even soap water on it. After removing he has to wash it with soap and it can be reused after 5-10 mins. This idea is just for common man who does not know how to use face mask and unknowing touch and adjust the face mask. if PVC sheet is not there normal high grade polythene can be used to make cover and it just costs max Rs 50. It will also help in preventing shortage of face masks needed for doctors.

Pros in short

- Reusable by soap washing or alcohol spray and cost effective.
- Air inlet provided just at downside of cover prevents corona virus as upward travel not possible.
- Before removing this cover spray alcohol or sanitizer properly on hands and on whole cover so that corona gets killed then only remove it from face.
- If common man uses normal mask or handkerchief, every 10 mins he touches the mask for adjusting or removes it while talking this can be prevented.
- It is transparent so we can easily see through it so no need of making holes on front side.
- If someone sneezes or coughs, sneeze into the cover itself and put alcohol spray immediately on it so that if virus is present it can be killed. It takes time to remove handkerchief while coughing and mostly people removes normal face mask while coughing which cannot be done here as it is not easy to remove immediately.
- It can be made at home easily one can use front side of old television cover or can use any high grade polythene bag to make mask it. It will just cost around Rs 50 to buy PVC sheet in market (but it's closed now).

I think if finding drug takes time then why not try some methods to keep it away from our body and only nose eyes and mouth are the parts from where it can enter in our body so it can be protected by this type of cover.