



# **S4 HEALTHCARE PVT LTD**

## **HUMAN IMMUNODEFICIENCY VIRUS KIT**

N.

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## WHAT IS HUMAN IMMUNODEFICIENCY VIRUS

HIV is a virus that attacks cells in the immune system, which is our body's natural defence against illness. The virus destroys a type of white blood cell in the immune system called a T-helper cell, and makes copies of itself inside these cells. T-helper cells are also referred to as CD4 cells.

As HIV destroys more CD4 cells and makes more copies of itself, it gradually weakens a person's immune system. This means that someone who has HIV, and isn't taking antiretroviral treatment, will find it harder and harder to fight off infections and diseases.

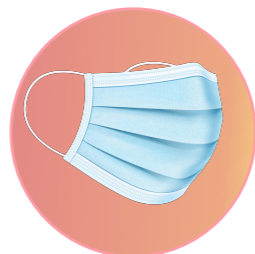
If HIV is left untreated, it may take up to 10 or 15 years for the immune system to be so severely damaged that it can no longer defend itself at all. However, the rate at which HIV progresses varies depending on age, general health and background.

### FACT ABOUT HIV

- HIV stands for human immunodeficiency virus.
- People with HIV can enjoy a long and healthy life by taking antiretroviral treatment which is effective and available to all.
- Once a person has HIV, the earlier they are diagnosed, the sooner they can start treatment which means they will enjoy better health in the long term.
- It's possible for antiretroviral treatment to reduce the level of HIV in the body to such low levels that blood tests cannot detect it. People living with HIV whose viral load is confirmed as undetectable cannot pass on HIV.
- Regular testing for HIV is important to know your status.
- HIV is found in semen, blood, vaginal and anal fluids, and breastmilk.
- HIV can't be transmitted through sweat, saliva or urine.
- Using external (or male) condoms or internal (or female) condoms during sex is the best way to prevent HIV and other sexually transmitted infections.
- If you inject drugs, always use a clean needle and syringe, and never share equipment.
- If you're pregnant and living with HIV, the virus in your blood could pass into your baby's body, during birth or afterwards through breastfeeding. Taking HIV treatment and becoming undetectable eliminates this risk.



# 6 Pc KIT



## CONTENTS OF A HIV KIT

- ISOLATION GOWN / PROTO GOWN: Protective clothing, protect skin from head to ankles.
- GLOVES: Protective gear for hands.
- SHOE COVER: Protect footwear.
- FACE MASK 3PLY: Respiratory protection, coverage area include mouth and nose.
- GOGGLES / FACE SHIELD: Protect eyes and face.
- WASTE BAG: For containment of biohazard waste.





# COVERALL

## SPECIFICATIONS

- **SIZE :**
  - Length: 65" (Including hood cover)
  - Chest: 53"
  - Ankle Ring (Fully extended): 9"
  - Cuff / Wrist Ring (Fully extended): 6"
  - Sleeves: 23.5"
  - Hood Width: 9.5"
  - Hood Length: 13.5"
- **MATERIAL : NON WOVEN + PP SPUNBOUND**
- **GSM : 50GSM (35 +15) / 90GSM (70 + 20)**
- **PP LAMINATE COATED**
- **FASTENING : ZIP**
- **OVERLAPPING FLAP TO SEAL ZIP**
- **COLOUR : WHITE / BLUE**
- **ADDED FEATURE : EXTENDED FLAP TO SECURE ZIP AND HOOD COVER**
- **PROTECTION RANGE : HEAD TO ANKLE**

### VARIANT 1

GSM: 50 (35 +15)

FABRIC: NON-WOVEN

LAMINATE: YES

### VARIANT 2

GSM: 40

FABRIC: NON-WOVEN

LAMINATE: NO

### VARIANT 4

GSM: 90 (70 + 20)

FABRIC: NON WOVEN

LAMINATE: YES

### VARIANT 3

GSM: 60 GSM

FABRIC: SSMMS

LAMINATE: NO





# SHOE COVER

A shoe cover or an over shoe provides a physical barrier between micro-organisms and the wearer. It offers protection by helping prevent contamination from or of hands, eyes, hair and any other exposed areas of the body, and from entering or exiting the controlled environment. If you work in medical, laboratory, cleanroom, chemical or emergency environments, the hazards you may face are likely to be diverse and complicated. So it will in most cases be efficient to have a system for protection and control that has disposable shoe covers available from a dispenser within the clothing area for whenever they are required. The shoe covers that you use should be approved of according to your workplace rules and procedures, one of which should be that they are never reused, as this will increase contamination. Furthermore, it is paramount that they are disposed of properly and in line with a strict process.

## SPECIFICATIONS

- TYPES :
  - Ankle Length
  - Knee Length
- MATERIAL :
  - Type 1 Polythelene (PE)
  - Type 2 Non Woven Fabric (NFW)



- SIZE :
  - PE Ankle Length 380mm x 145mm
  - NWF Ankle Length 390mm x 150mm
  
  - PE Ankle Length x Width: 18" x 16"
  - NWF Ankle Length x Width: 18" x 16"
  - Shoe Opening (Stretch): 9"
  - Shoe Elastic: 6"

- SIZE :
  - PE Knee Length 380mm x 145mm
  - NWF Knee Length 390mm x 150mm
  
  - PE Knee Length x Width: 18" x 16"
  - NWF Knee Length x Width: 18" x 16"
  - Shoe Opening (Stretch): 9"
  - Shoe Elastic: 6"



# GLOVES

## SPECIFICATIONS

- MATERIAL : NITRILE
  - Tactile sensitivity: Touch and feel experience with high dexterity.
  - Tear and puncture resistance: Offers superior strength and durability
  - Powder free: Eliminates powder-related complications and sensitivity.
  - Nitrile formulation: Delivers highest protection for wide range of chemicals.
  - Low particulate: Minimises glove-related contamination.
  - Textured fingertips: For enhanced nonslip grip, wet or dry.
  - Latex free: Prevents latex-induced allergies or skin irritations.
  - Double washed: Will not foam on wetting
- SIZE : MEDIUM / LARGE



# SHOE COVER

## SPECIFICATIONS

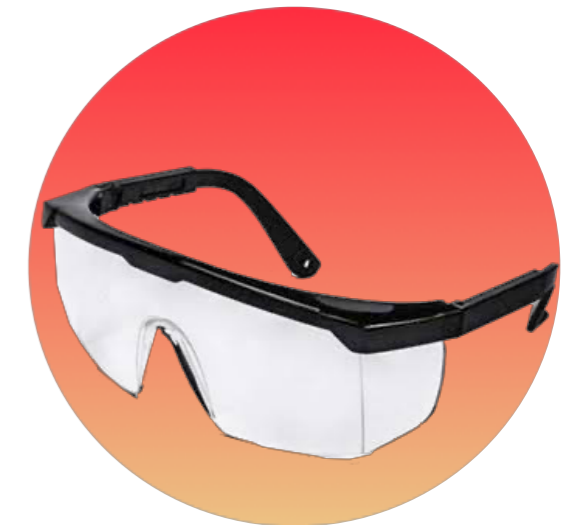
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# GOGGLES

- With transparent glasses, zero power.
- Accommodates for prescription glasses.
- Covered from all sides. Covers the eyes and surrounding areas.
- Flexible frame to easily fit all sizes and types of faces without too much pressure.
- Scratch and fog resistant. Indirect venting to reduce fogging.
- Adjustable band to secure firmly so as not to become loose during clinical activity.
- May be re-usable (provided appropriate arrangements for decontamination are in place) or disposable.
- Quality compliant with below standards or equivalent to:
  - A. EU standard directive 86/686/EEC , EN 166/2002
  - B. ANSI/SEA Z87.1-2010



# FACE MASK

## SMT 05

### CONSTRUCTION

INNER LAYER : NON WOVEN + PP SPUNBOUND 18GSM

FILTER LAYER : NON WOVEN + PP SPUNBOUND + MELTBLOWN 18GSM

OUTER LAYER : NON WOVEN + PP SPUNBOUND 25GSM

LACE : NON WOVEN + PP SPUNBOUND 32GSM

### MEASUREMENT

LENGTH: 18CM  $\pm$  5%

WIDTH : 9CM  $\pm$  5% (NOT LESS THAN 16CM WHEN FULLY EXTENDED)

NUMBER OF PLEATS : 3

LACE 91CM  $\pm$  5%

NOSE STRIP : NOT LESS THAN 100MM X 2MM



TIE

## SML 05

### CONSTRUCTION

INNER LAYER : NON WOVEN + PP SPUNBOUND 18GSM

FILTER LAYER : NON WOVEN + PP SPUNBOUND + MELTBLOWN 18GSM

OUTER LAYER : NON WOVEN + PP SPUNBOUND 25GSM

### MEASUREMENT

LENGTH: 18CM  $\pm$  5%

WIDTH : 9CM  $\pm$  5% (NOT LESS THAN 16CM WHEN FULLY EXTENDED)

NUMBER OF PLEATS : 3

LOOP : 14.5CM  $\pm$  5%

NOSE STRIP : NOT LESS THAN 100MM X 2MM



LOOP





# WASTE BAG

## BIO-HAZARD WASTE BAG

Our Bio-hazard waste bags are marked with the international biohazard symbol. Our plastic biohazard bags alert others of the biohazards waste contained within and ensures correct handling.

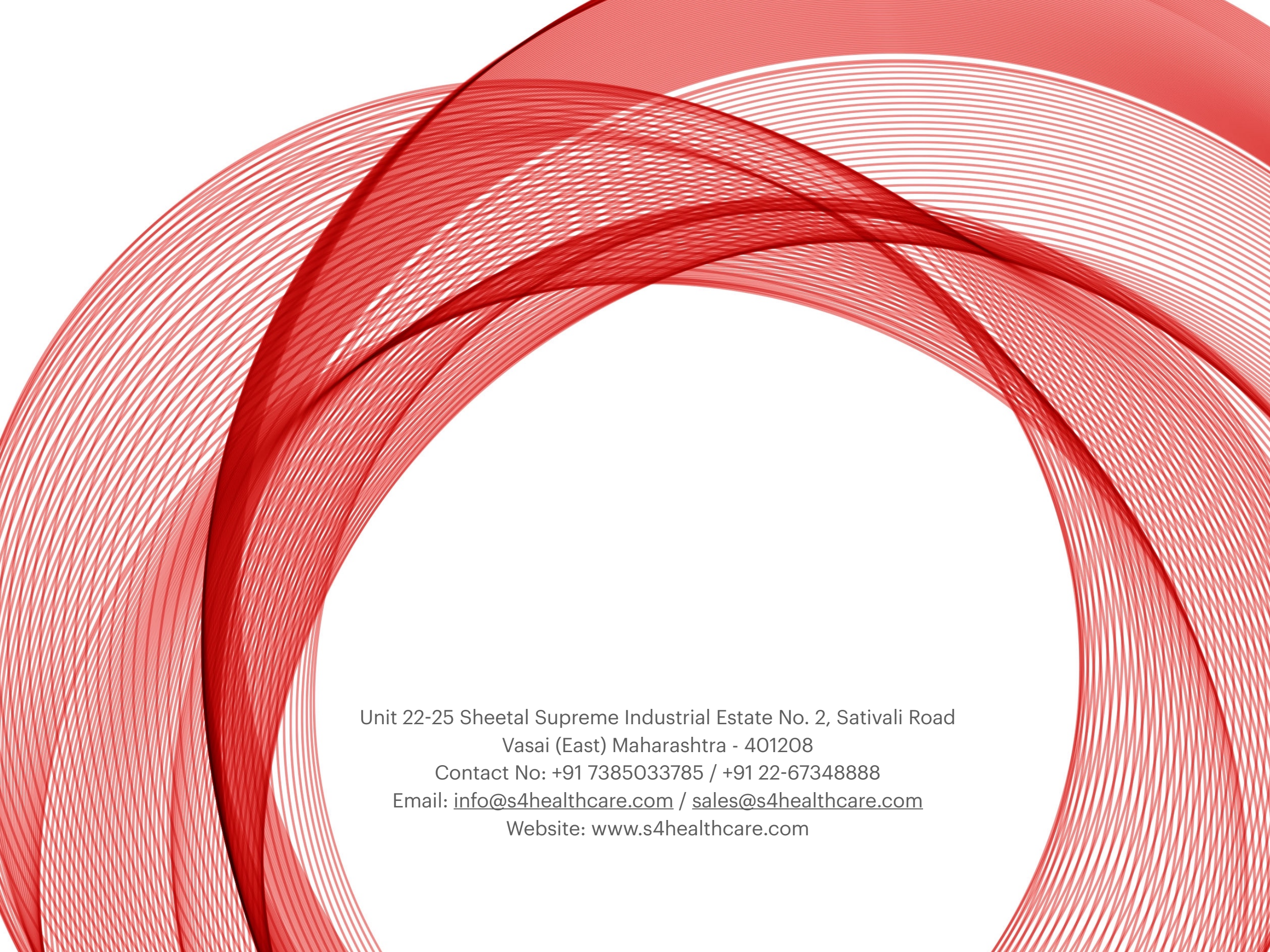




# ACCOMPLISHMENTS & CERTIFICATIONS

S4 Healthcare Pvt Ltd is proudly certified by the standards and platforms mentioned below. We appreciate their support and recognition in aiding our mission to provide qualities and innovation to make products that are safe for healthcare and safe for you.





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# 2019 - nCoV WUHAN CORONAVIRUS

## SYMPTOMS



HIGH FEVER



COUGH



SORE TROATH



HEADACHE

## CONTAGION



AIR BY COUGH OR SNEEZE



PERSONAL CONTACT



CONTAMINATED OBJECTS



ANIMAL CONTACT

## PREVENTION



WASH YOUR HANDS OFTEN



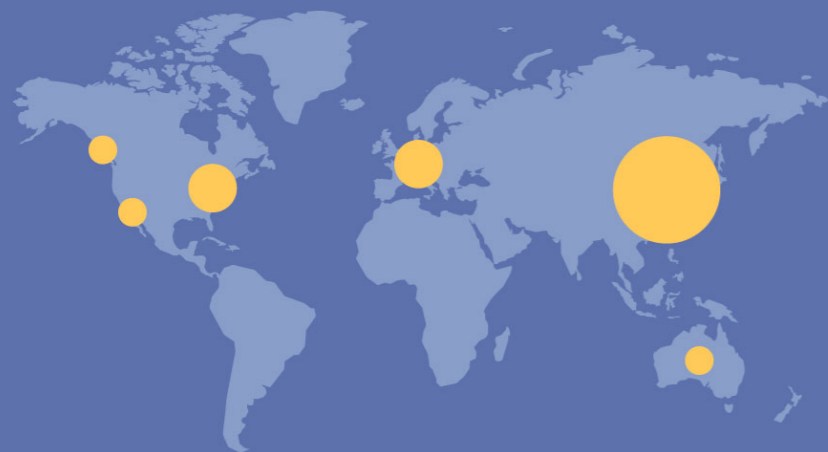
WEAR A FACE MASK



AVOID CONTACT WITH SICK PEOPLE



ALWAYS COVER YOUR COUGH OR SNEEZE



# HOW TO USE HAND SANITIZER



## STEP ONE

Place a drop of sanitizer, the size of a dime in your palm



## STEP TWO

Rub hands palm to palm



## STEP THREE

Backs of fingers to opposing palms with fingers interlocked



## STEP FOUR

Once dry your hands are safe

# HOW TO **WASH YOUR HANDS**

PROTECT YOURSELF AND OTHERS AGAINST INFECTIONS



Wet hands



Apply soap



Rub hands  
palm to palm



Lather the back  
of both hands



Scrub between  
your fingers



Rub the back of  
fingers on the  
opposing palm



Clean thumbs



Wash fingernails  
and fingertips



Rinse hands



Dry with a  
single use towel



Use the towel  
to turn off the faucet



Your hands are clean



It may be tempting to get in touch or contact with family and friends keep in mind that their safety is just as important as your own. Maintain Social Distancing. It is perhaps single handedly the only way we can stop this virus from spreading. Use social mediums to communicate.

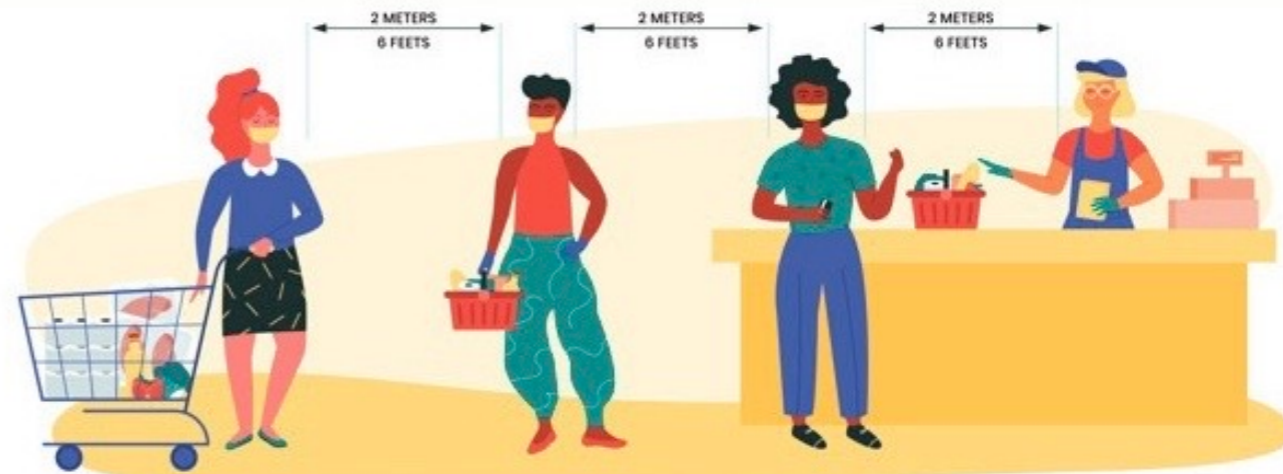


Keep checking in on your family and friends. Check in on people you know are alone. Loneliness can cause severe deterioration of health. Remember mental health is just as important as physical health.



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Work from home. Conference calls can help in maintain your work flow. Avoid meeting in clusters. Dont let your work cost you your life. It's a great way to keep busy and to check in on your peers at the same time.



Remember to maintain 6 Feet (2 Meters) of distance at grocery stores and chemists. Be patient.



Thankyou to our doctors working on the front line risking their lives to save our lives.

Thankyou to those who are mindfully disinfecting and keeping places of contact sanitised, disinfected and clean.



Thankyou to those who are carrying out intensive search and developing vaccines

Thankyou to our heroes.

Old age homes are experiencing more deaths due to loneliness and inactivity than corona virus. Thankyou to the doctors and nurses at old age homes who are doing everything they can to prevent this from happening.



Thankyou to those who are carrying out tests for the general public.

Thankyou to generations of nurses and doctors who have come out of retirement, those who are currently working and the medical students who have volunteered to protect and care for those in need.



**Airline Workers :** Pilots, Air-hostesses, In-flight & Off-flight staff are ensuring that requirements for various essential commodities are reaching counties in need globally.

**Hospitality Workers :** Chefs, Waiters, Delivery agents, Hotel staff are working beyond their entailed duties to ensure people within their cities are fed and are receiving any essentials they need.

**Construction Workers :** Builders, Architects, Infrastructure technicians and engineers are strategising and putting up temporary hospitals and isolation wards, testing booths to ensure treatment and accommodation is available for as many infected people as possible.

**Government Officials :** Legal Authorities, Judiciaries, Government panels, Ministers, Presidents, Various Parties are imposing and taking precautionary measures with immense research and strategy for the safety of their nations and global health every day.

**Armed Forces :** All Air Force, Army and Police Officials are putting their life on the line to keep laws in place and protecting the population from those who violate or do not understand the significance of social distancing. They are working around the clock to contain the movement of



It is important to include all the people working tirelessly around the clock for the well being of our world in our prayers and in giving thanks. They too are risking their lives every second of every minute of everyday to ensure you still have yours. With due respect please comply with and co-operate in helping yourself and the people around stay safe.

**Healthcare Providers :** Manufacturing units, Pharmaceutical companies, their Labour and Administration workers, Delivery agents who are putting their lives on the line to travel back and forth to their factories in order to produce protective equipment such as disposable medical products (Masks, Gowns, Gloves etc) and Medicines to fulfil government and global requirements are operating 24/7 and ensuring you get quality products and in immense quantities.

**Entertainers :** Musicians, Artists, Bloggers, General Public are ensuring that lockdowns are filled with healthy activities and entertaining sources to keep you busy and mentally healthy. So do not forget to thank your friends, your peers, entertainers and yourselves.

**Navy Personnel :** Navy officials are risking and supporting us all by coming in direct contact with infected patients by sheltering them in ships that have temporarily been converted into isolation and hospital wards.

**Shopkeepers :** Chemists and Grocery Stores are ensuring people receive the essential items they need while taking care of anyone in need around them. They too are risking their lives everyday while catering to crowds of people tirelessly.

**Journalists :** News Channels, Writers, Newspapers are making sure they keep you informed 24/7 and are helping the general public differentiate between and eliminate any fake news.

**Healthcare Workers :** Doctors, Laboratory staff, Research units, Nurses, Pharmacists, Hospitality staff in hospitals, Security, Volunteers, Medical students, Hospital Procurement units are all directly in line of risk. They are working on the front line around the clock to ensure the safety and recovery of infected and affected patients while checking and analysing the remaining general public. Those who are working on vaccinations and those who are studying the virus for more information for better preventive measures and the immense amount of supporting and assisting staff.