

The Impact of Covid-19 on Women Health

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Abstract

Over 30 million people have been infected by the corona virus in India Covid-19 can infect people of all gender and ages. Some women and girls may be at higher risk because they are poorer and lack information and resources as because they are at the front line as caregivers and workers in the health and service sectors. Women make up a significant proportion of all health care workers and more than 80% of nurses and midwives. Covid-19 pandemic has affected women more profoundly than men in several areas. Both at workplace and at home with an increased workload due to lockdown and quarantine measures. A lack of adequate domestic and emotional support can have consequences on women's mental health. The risk of anxiety, depression and post-traumatic stress disorder is also much higher in women.

Key Words: Mental Health, Pandemic and Covid-19, SARS-COV-2 Virus

Introduction:

Rarely discovered in the 1960s the name of this virus comes from the crown – like spikes that it has its surface. The word corona came from the Latin word “Crown”. Corona viruses are a large group of viruses that infect animals and mammals like bats, pigs. This is zoonotic because they get a transfer from animals to humans.

Causes for infection from corona virus:

A) Animal Pathogens:

The body physiology of every animal is different; every animal have some specific micro-organism residing in their body – eating them affects the incompatibility in the creature and the chance of traditional suffering increases.

B) Transmission:

Transmission of corona virus takes place while making contact with a surface of object that has the virus and then touching your nose, eyes or mouth.

C) Consumption of wildlife foods such as bats:

The most common cause of the infection of the corona virus is eating wild animals. Most of the cases have come across for eating bats and snakes.

Sign and symptoms of the infection:

Some people get infected with corona viruses at one point in their lines, but symptoms are typically mild to moderate.

The viruses can cause lower respiratory tract illnesses such as pneumonia and bronchitis.

Corona virus usually affects the respiratory system is human, so the various symptoms traditionally observed in human beings are –

- a) Fever
- b) Coughing
- c) Pneumonia
- d) Sore throat
- e) Respiratory illness

- f) Kidney failure
- g) Difficulty in breathing

Corona virus disease (Covid-19) is an infectious disease caused by the SARS-COV-2 Virus. Most people infected with the virus will experience mild to moderate respiratory illness and recover without requiring special treatment. Older people and those with underlying medical conditions like cardiovascular disease, diabetes chronic respiratory disease or cancer are more likely to develop serious illness, anyone can get sick with Covid-19 and become seriously ill or die at any age.

The virus can spread from an infected person's mouth or nose in small liquid particles when they cough, sneeze, speak, sing or breathe. These particles range from smaller droplets to larger aerosols. It is important to practice respiratory etiquette.

SARS-COV-2 has spread rapidly, resulting in a pandemic. The virus enters host cells through angiotensin converting enzyme 2 (ACE 2) and transmembrane protease serine subtype 2 (TMPRSS 2). These enzymes are widely expressed in reproductive organs. Corona virus disease 2019 (Covid-19) could also impact human reproduction. Current evidence suggests that sperm cells may provide an inadequate environment for the

virus to penetrate and spread. Oocytes within antral follicles are surrounded by cumulus cells, which rarely express ACE 2 and TMPRSS 2. The possibility of transmission of the virus through sexual intercourse and assisted reproductive techniques seems unlikely. Early human embryos express.

Corona virus entry receptors and proteases, implying that human embryos are potentially vulnerable to SARS COV-2 in the early stages of development. Data on the expression of ACE 2 and TMPRSS 2 in the human endometrium are sparse. It remains unclear whether SARS-COV-2 directly affects the embryo and its implantation. Vertical transmission of the virus from mother to fetus in the third trimester is possible, and further data on human reproduction are required to establish this possibility.

Conclusion:

Covid-19 pandemic has affected women much more profoundly than men, both as frontline crisis is gradually developing and as a consequence mental health issues are likely to grow exponentially. Protect yourself and others from infection by staying at least one metre apart from others, wearing a properly fitted mask and washing your hands as using an alcohol-based rub frequently.

References:

Books:

- 1) The Corona Virus, Dr. Swapnil Parikh, Maherra Desai, Dr. Rajesh Parikh, Page No. 4-5.
- 2) Corona Virus Information and Safety by Himanshu Sharma.
- 3) एक ग्रहण भारत पर भी (कोरोना), सत्यम कुमार श्रीवास्तव.

Web Resources:

- 1) <https://www.frontiersin.org>
- 2) <https://www.acog.org>
- 3) <https://www.weforum.org>
- 4) <https://www.asbmb.org>
- 5) <https://www.thelancet.com>
- 6) <https://www.pubmed.ncbi.nlm.nih.gov>
- 7) <https://kfs.org>
- 8) <https://plan-international.org>