NAME: AMUSAN OPEMIPO

DEPT : ANATOMY

MATRIC NO.:17/MHS01/061

1.)

Doctors can examine the baby after birth to ascertain whether it has been infected – either by taking samples from its nose or throat or by looking for antibodies to COVID-19 in the baby’s blood. Out of approximately 110 known cases only two babies have been reported to be positive of COVID-19 from a swab in the nose or throat – one child in China and another in Peru.

**So the Corona Virus can be said to not be a teratogen**, because the two infected babies were said to have been tested 36 to 16 hours respectively after birth so there is a case that the children got the virus after birth.

REFERENCE: https://theconversation.com/coronavirus-pregnant-women-and-infants-new-research-136639

2.)

**IMPACT OF AGEING ON COVID-19**

Scientist have identified that age in relation to **low CD3+CD8+ T cells(indicating damaged immune response)** as a pre-indication of death in patients with COVID-19.

Below is a chart showing the fact that age has a great effect on the COVID-19 patients.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **AGE** | **NUMBER OF DEATHS** | **SHARE OF DEATHS** | **WITH UNDERLYING CONDITIONS** | **WITHOUT UNDERLYING CONDITIONS** | **UNKNOWN IF WITH UNDERLYING COND.** | **SHARE OF DEATHS OF UNKNOWN + W/O COND.** |
| **0 - 17 YEARS OLD** | **3** | **0.04%** | **3** | **0** | **0** | **0%** |
| **18 - 44 YEARS OLD** | **309** | **4.5%** | **244** | **25** | **40** | **1.0%** |
| **45 - 64 YEARS OLD** | **1,581** | **23.1%** | **1,343** | **59** | **179** | **3.5%** |
| **65 - 74 YEARS OLD** | **1,683** | **24.6%** | **1,272** | **26** | **385** | **6.0%** |
| **75+ YEARS OLD** | **3,263** | **47.7%** | **2,289** | **27** | **947** | **14.2%** |
| **TOTAL** | **6,839** | **100%** | **5,151** | **137** | **1,551** | **24.68%** |

REFERENCE: <https://www.worldometers.info/coronavirus/coronavirus-age-sex-demographics/>

3.)

**IMPACT OF ENVIRONMENT ON COVID-19**

COVID-19, like many other diseases have risk factors when it comes t the area of environment, Scientist claim that the novel corona virus can now be carried by the air, wind. Crona Virus like any other viruses has a certain temperature in which they can live or die in.

I quote the WHO(World Health Organization ) on the issue of temperature

“Only minimal reduction in virus concentration after 21 days at 4°C and -80°C.

Reduction in virus concentration by one log only at stable room temperature for 2 days. This would indicate that the virus is more stable than the known human coronaviruses under these conditions.

Heat at 56°C kills the SARS coronavirus at around 10000 units per 15 min (quick reduction).”

**IMPORTANCE OF OOGENESIS**

Oogenesis can be defined as the process of producing the female gamete from the primordial germ cell

* Oogenesis enables the production of the female gamete into Ampulla for fertilization
* Oogenesis does the selection of mature primordial germ cells
* Oogenesis allows fertilization to occur in Mammals

**IMPORTANCE OF SPERMATOGENESIS**

Spermatogenesis can be defined as the process of producing the male sexual gamete knoen as Sperm

* Spermatogenesis enables the production of the male gamete and release in the female reproductive tract for Fertilization
* Spermatogenesis enables for the release of mature sperms cells
* Spermatogenesis allows fertilization to occur in Mammals

4.) **PERSONAL HYGIENCE**

Personal hygiene is how you care for your body. This practice includes bathing, washing your hands, brushing your teeth, and more.

Every day, you come into contact with millions of outside germs and viruses. They can linger on your body, and in some cases, they may make you sick. Personal hygiene practices can help you and the people around you prevent illnesses. A disaster is a sudden, calamitous event that seriously disrupts the functioning of a community or society and causes human, material, and economic or environmental losses that exceed the community’s or society’s ability to cope using its own resources. Though often caused by nature, disasters can have human origins.

**DISASTER**

A disaster is a sudden, calamitous event that seriously disrupts the functioning of a community or society and causes human, material, and economic or environmental losses that exceed the community’s or society’s ability to cope using its own resources. Though often caused by nature, disasters can have human origins.