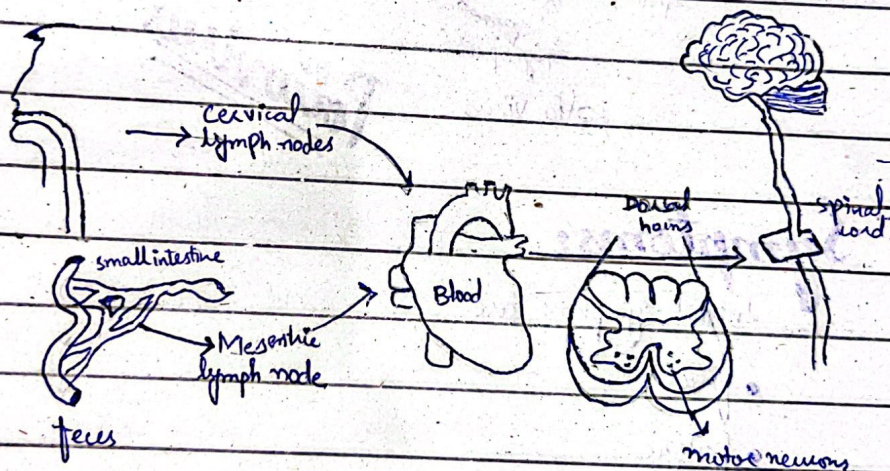


Polio / Poliomyelitis

Polio:

Polio or Poliomyelitis is an illness caused by a virus that mainly affects nerves in the spinal cord or brain stem. In its more severe form, Polio can lead to a person being unable to move certain limbs, also called as paralysis.

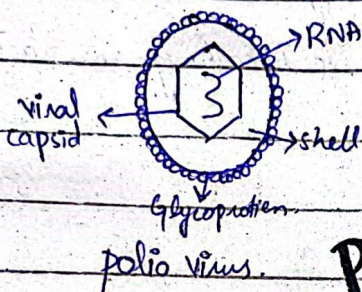
It can also lead to trouble breathing or sometimes death.



Polio is a Acute disease in which motor neurons coming out of spinal cord targeted by polio virus.

Polio virus is a type of enterovirus. (RNA based pathogen) because the transmission through Faecal-oral route.

The virus travel from the gastrointestinal tract & enters into the blood then enters the lymphatic system & then attack the CNS. When it effect the motor neurons in the spinal cord then may be acut paralysis occur.



Poliovirus

Symptoms:

Initial symptoms are

- fever
- fatigue
- headache
- Vomiting
- Stiffness of neck & pain in limbs.
- Irreversible paralysis.
- 5-10% die when their breathing muscles become immobilized.

Causes:

Polio is caused by polio virus.

caused by eating or drinking contaminated food

Treatment:

Treatment will depend on your symptoms, age & general health. Physical exercise also added.

• A vaccine can prevent polio, but there is no specific treatment for people who became infected.

• IPV (inactivated Poliovirus) • OPV (oral poliovirus Vaccine)

Prevention

Measures to prevent polio include:

• Good hygiene & handwashing

• Vaccines.

The polio vaccine is recommended to be given at these ages:

• 2 months

• 4 months

• Between 6 - 18 months.

• Between 4 - 6 years.