

NAME: ISHMA AHMED

SUBJECT: GSA

BATCH # 59

SUBMITTED TO: Sir Majid Chaudhry

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POLIOMYELITIS

Introduction:-

It is a disabling and life-threatening disease that mainly affects children under 5 years. It can infect a person's spinal cord causing reversible or irreversible paralysis.

Etiology:-

It is caused mainly by polio virus that spreads via oro-fecal route.

Signs & Symptoms:-

- Fatigue
- Headache
- Vomiting
- Stiffness of neck
- Pain & Muscle weakness
- Constipation
- Sore throat
- Flaccid paralysis

Types:-

- 1) Spinal polio (79% of paralytic cases)
- 2) Bulbospinal polio (19% " " ")
- 3) Bulbar polio (2% " " ")

Treatment:-

There is no specific cure for polio virus but supportive measures include:

- Treatment of pain with analgesics
- Antibiotics for secondary infections
- Fluid therapy
- Adequate diet with bed rest
- Hot packs for muscle pain
- Physiotherapy may be necessary
- Catheterization may be required
- Proper ventilation (iron lung)

Prevention:-

Preventive measure can be:

- Ensuring hygiene and good sanitation practices
- Polio vaccination
 - Inactivated polio vaccine (IPV)
 - Oral polio vaccine (OPV)