

Meningitis Diseases

Is a serious infectious disease characterized by a redness & swelling of the protective membranes covering the brain and spinal cord due to bacterial or viral infection.

Sign and Symptoms

- Fever
- Stiff neck
- Headache
- Nausea or vomiting
- Difficulty concentrating
- Seizures
- Drowsiness
- Sensitivity to light
- Loss of appetite and thirst
- Skin rash (sometimes, such in meningococcal meningitis)



Mood of Transmission

The infection is transmitted from the infected person to others by:

- Droplets of respiratory or throat secretions from carriers.
- Contact with the patient's personal instruments or surrounding surfaces contaminated with spray and respiratory secretions



Complications of meningitis

- Epileptic seizures.
- Hearing loss.
- Brain damage
- Hydrocephalus (fluid accumulation between the brain and skull).



Prevention

Vaccination is one of the most effective ways to protect against meningococcal diseases



Can prevent the spread of the disease by:

- Cleaning hands.
- Personal Hygiene: Don't share drinks, foods, utensils or toothbrushes with anyone else.
- Avoid direct close or prolonged contact with others who may have symptoms.
- Avoid crowded places, hugs, kissing, especially with those with symptoms
- Cover your mouth when you need to cough or sneeze.



Meningococcal Vaccine

- Meningococcal conjugate vaccine (ACWY135) is an effective vaccine consisting of antigen from the bacterial polysaccharide capsule of subtypes (A; C; Y; W135) that stimulates the body to produce antibodies to these compounds, thus producing effective immunity and preventing the emergence of the disease.



Target Group

Who is eligible for the vaccine:

- Haj and Umrah
- Travelers to endemic countries
- Health care workers in laboratories
- Immunocompromised patients

Dose and Schedule:

- For children aged 9 months to 23 months (in case of travel only) give 2 doses with 3 months interval
- From 2 to 55 years of age only one dose
- In some cases a booster dose is recommended after 5 years

Vaccine Safety:

Vaccine is safe but sometimes it can cause mild side effects such as low-grade fever, pain or redness at the injection site. Light reactions disappear automatically within a few days.



Sultanate of Oman - Ministry of Health
General Directorate of Primary Health Care
Health Education and Awareness Programs
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Vaccination...
Protect and protect you
And for others from disease infection

