

System Disorder: Meningitis

Category	Subcategory	Details	Notes
Disorder/Disease Process	Meningitis	Inflammation of the meninges, typically due to infection.	
Diagnosis	Alterations in Health	Fever, Headache, Stiff neck, Altered mental status, Photophobia, Nausea	
Pathophysiology	Related to Client Problem	Infection causing inflammation of meninges, potentially leading to increased intracranial pressure and impaired neurological function.	
Health Promotion and Disease Prevention		Vaccinations, Good hygiene, Avoiding close contact with infected individuals	Meningococcal, Pneumococcal, Haemophilus influenza type B vaccines
Assessment	Risk Factors	Recent viral infection, Immunosuppression, Communal living settings, Age factors	Infants and young adults are at higher risk
	Expected Findings	Fever, Severe headache, Neck stiffness, Altered consciousness, Photophobia, Skin rash (in certain types)	
	Laboratory Tests	CBC, Blood cultures, CSF analysis via lumbar puncture	Includes glucose, protein, cell count, culture

	Diagnostic Procedures	Lumbar puncture, CT/MRI	To rule out other causes
Safety Considerations		Monitoring for increased intracranial pressure, Seizure precautions, Isolation if needed	
Patient-Centered Care	Nursing Care	Monitor vitals, Neurological status assessment, Pain and fever management, Seizure precautions	
	Medications	Antibiotics, Antivirals, Corticosteroids, Analgesics, Antipyretics	Based on the type of meningitis
	Client Education	Disease process understanding, Medication adherence, Recognizing complications	
	Therapeutic Procedures	Hydration, Electrolyte management, Supportive care	
Interprofessional Care		Infectious Disease Specialist, Neurologist, Critical Care Team, Pharmacist	
Complications		Increased Intracranial Pressure, Seizures, Hearing loss, Brain damage, Hydrocephalus, Sepsis	Early treatment is crucial

Additional Notes: