

# TB Meningitis and its complications

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# Disclosures

None

# Learning objectives

- To know about the magnitude of the problem
- How to Diagnose TBM
- Clinical spectrum of TBM
- Common complications of TBM
- How the mortality and morbidity of TBM can be reduced.
- To manage TBM and its complications

# Why TBM is important

- TBM - 13.91% cases of Meningitis
- 4.5 % of all cases of TB
- 100000 to 500000 new cases per year
- High Mortality – 42.2 % in hospitalized patients
- High Morbidity
- Challenges in Diagnosis and treatment
  
- Large and persistent gaps in case detection and treatment

# Complications of TBM

- Raised intracranial Pressure-Hydrocephalus
- Infarcts
- Hyponatremia
- Paradoxical response
- Seizures
- Visual Loss
- Myelitis

# Key messages

- TBM is a Medical emergency
- #2 Infectious disease Killer in the World
- 23 % population of the World has latent TB
- 14 % of TB cases are extrapulmonary
- TB is endemic in 22 countries.
- There is still no single, Rapid, accurate and cost effective TB diagnostic test suitable for use at the point of care
- Delay in diagnosis and starting treatment results in high morbidity and mortality.
- Suspect it any neurological presentation and treat empirically even if diagnosis is not established.