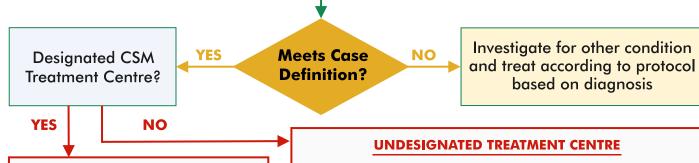




# CEREBROSPINAL MENINGITIS CASE MANAGEMENT GUIDE



**HEALTH FACILITY -** Screen for sudden onset of fever (Temperature >38.5°C - rectal or >38.0°C - axillary) and **ONE** of the following: Headache, neck stiffness, altered consciousness, vomiting, poor appetite and bulging fontanelle in infants.



### **DESIGNATED TREATMENT CENTRE**

- 1. Collect CSF sample
- 2. Administer medication according to standard protocol
- 3. Complete case investigation form
- 4. Complete laboratory form
- Notify LGA DSNO to send sample to designated State laboratory with the case-based and laboratory forms
- Immediately notify the LGA DSNO or contact mobile team where available
- 2. If staff are trained to do Lumbar Puncture (LP) procedure, follow steps for a designated CSM treatment centre
- 3. Commence treatment immediately according to standard protocol
- 4. If no staff is trained to do LP,
  - a. Contact LGA DSNO/EPR team to collect CSF sample
  - If antibiotics have already been administered, mobile team to collect CSF if within two hours of first dose
- 5. Complete case investigation form and refer immediately to designated treatment centre if medications are unavailable or unable to manage case

#### **LABORATORY TEAMS:**

[To Do On Daily Basis]

- Receive and document sample ensuring that each sample is linked to an Epid Number
- Screen sample for integrity based on laboratory SOPs
- Test all CSF samples received using Pastorex AND culture
- Send aliquots to NCDC Laboratory, Gaduwa for PCR
- Feedback results to the surveillance team on results

#### **SURVEILLANCE TEAMS:** [To Do On Daily Basis]

#### Reporting & Case Search

- Active case search
- DSNO or designate to assign Epi Number to all new suspected cases that meet the Standard Case Definition
- Fill case- based form for each case and if more than five (5) cases use the line list form
- Collate case forms
- Identify contacts of cases for sensitisation

#### Sample Management

- Collect and package sample from health facility (H.F) and transport to designated laboratory
- Follow-up with laboratory and collect sample result
- Provide feedback on sample result to H.F

## <u>Analysis</u>

- Maintain and update line list
- Analyse case forms at Ward and LGA level to determine threshold (pre-alert, alert and epidemic)
- Send report to State Epidemiologist /DSNO





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