<http://www.cdc.gov/tb/publications/slidesets/treatment_guidelines/2003/default.htm>

Algorithm to Guide Duration of Continuation Phase Treatment for **Culture-Positive TB** Patients

**Culture-Positive TB**

High clinical suspicion for **ACTIVE TB**

Place patient on Initial Phase regimen

**INH, RIF, EMB, PZA for 2 mos**

Is **specimen** collected at end of Initial Phase (2 mos) culture POSITIVE?

NO

YES

Continuation Phase

4-mos Regimen

With INH + RIF

Was there **CAVITATION**

on initial CXR?

NO

YES

Continuation Phase

4-mos Regimen

INH + RIF

Is the patient **HIV** Positive?

NO

YES

Continuation Phase

7-mos Regimen

With INH + RIF

Continuation Phase

7-mos Regimen

INH + RIF

Algorithm to Guide Treatment of **Culture-Negative** TB

High clinical suspicion to ACTIVE TB despite **NEGATIVE SMEARS** based on:

Abnormal chest X-ray

Clinical symptoms

No other diagnosis

Positive TST

**Culture-NEGATIVE TB**

Patient placed on **INITIAL Phase** regimen INH, RIF, EMB, PZA for **2 months**

YES

Continuation Phase

For Culture-Positive TX

Is initial culture positive?

NO

Was there SYMPTOMS

Or CHEST X-RAY improved after 2-mos TX?

YES

No

Continuation Phase

INH + RIF

For 2 mos

Discontinue TX

Patient presumed to have LTBI

Algorithm for Management of Treatment Interruptions

In the **Initial Phase**

How long is the interruption?

Is it **< 14 days**?

YES

NO

NO

Is the TX completed **within 3 mos**?

Start over from beginning

YES

Continue TX to complete total doses warranted

Start over from beginning

Algorithm for Management of Treatment Interruptions

In the **Continuation Phase**

What is the total % of doses completed?

NO

YES

YES

NO

Is the duration of interruption **< 3 mos** ?

Additional TX may NOT be necessary if sputum was AFB smear negative at baseline

If sputum smear was positive, continue TX to complete planned total # of doses warranted

Is it **< 80%** ?

Continue TX if not completed in **6 mos**, start INITIAL Phase 4-drug regimen from beginning

Start INITIAL Phase 4-drug regimen from beginning