

Timeline for the Management of TB Disease*

	MONTH						If extended treatment needed**		
	1	2	3	4	5	6**	7	8	9
Drugs 6 month regimen**	ISONIAZID (INH)						INH		
	RIFAMPIN (RIF)						RIF		
	PYRAZINAMIDE (PZA)								
	ETHAMBUTOL (EMB)***								
	B6 25mg						B6 25 mg		
Treatment	DAILY DOT			DAILY DOT or 3X WEEK DOT			→		
	Directly Observed Therapy			Directly Observed Therapy					
RN Visit (minimum)	✓	✓	✓	✓	✓	✓	✓	✓	✓
Adverse Reactions Review	✓	✓	✓	✓	✓	✓	✓	✓	✓
Sputum Specimens	x3 [∇]	x1 [∇]	x1 [✦]				x1 at end of treatment		
Chest X-Rays	✓		optional				✓ at end of treatment		
Baseline tests	CMP, CBC, visual acuity/color, HIV, Hepatitis B and C								
Follow-up Tests	Monthly visual acuity and color vision testing required when patient is on EMB. Other follow-up tests are only needed if baseline value is abnormal, adverse reactions develop or other clinical indication.								

*Report suspected or confirmed TB cases within one working day of diagnosis.

**For patients requiring treatment longer than six months (e.g., those with cavitory disease whose culture has not converted to negative after 2 months treatment, those with drug resistance, etc.) follow treatment guidelines: <http://cid.oxfordjournals.org/content/early/2016/07/20/cid.ciw376.full.pdf>

***All patients should start on 4 drug therapy. Discontinue EMB when drug susceptibilities indicate patient is susceptible to all first line drugs.

[∇] Follow these general guidelines regarding frequency of sputum collection:

- 1- Infectious patients in isolation may require frequent sputum collection to determine when the patient is non-infectious.
- 2- For infectious patients, collect one sputum after 2 weeks of treatment is completed. If that sputum is smear negative, collect 2 more (all must be at least 8 hours apart).
- 3- Once 3 consecutively negative sputum are obtained, consider releasing patient from isolation.
- 4- After this, collect sputum once a month until there is a negative culture.

[✦] Consult with experts if smear/culture are still positive after two months treatment.