

TB MEDICATIONS MONITORING

MSRM 140301.04
Attachment A
(11/05)

Condition	Medications	Signs and Symptoms	Monitoring/Comments
Hepatitis	Amikacin Ethionamide Isoniazid Para-Aminosalicylic Acid (PAS) Rifampin Pyrazinamide Rifabutin Rifapentine	Jaundice, fatigue, nausea, anorexia, abdominal pain, dark urine, light stool.	Liver function test (LFT) baseline and every 3 months. If baseline is abnormal then monitor monthly. Signs and symptoms assessment monthly.
Peripheral neuropathy	Isoniazid	Tingling or numbness of hands and/or feet. Monitor every month.	Assess monthly
Seizures	Isoniazid Rifampin Rifabutin Rifapentine		Monitor carbamazepine and phenytoin levels
Orange discoloration of body fluids	Rifampin Rifabutin Rifapentine		Normal with rifamycin use. Will permanently discolor soft contact lenses
Gout	Pyrazinamide	Tenderness, redness, warmth around swelling joints, particularly of the big toe.	Uric acid levels baseline then every 3 months. If baseline is abnormal then every month. Signs and symptoms assessment monthly.
Retrobulbar	Ethambutol	Decreased visual acuity or decreased red-green color discrimination in one or both eyes.	Baseline and monthly visual acuity and color vision Signs and symptoms assessment monthly.
Ototoxicity	Amikacin Capreomycin Kanamycin Streptomycin	Can affect hearing alone or hearing and balance. Can be permanent if the offending drug is not stopped.	Audiogram baseline and every 3 months. Azithromycin baseline only. Capreomycin and Kanamycin monthly. Streptomycin after baseline repeat as needed. Signs and symptoms assessment monthly.
	Ciprofloxacin		Do not use concurrently with theophylline
	Clofazamine Levofloxacin		Avoid ultraviolet exposure.
Pregnancy	Clofazamine Levofloxacin		Do not use in pregnancy
Diabetes	Levofloxacin		Routine finger sticks
Anticoagulants	Rifampin Rifabutin Rifapentine		Monitor at least every 3 months
Renal function	Capreomycin Kanamycin Streptomycin		Baseline and monthly. Streptomycin after baseline repeat as needed.
CNS toxicity	Cycloserine	Psychosis, convulsions.	Assess mental status at least monthly. Requires larger doses of pyridoxine than Isoniazid.
Thrombocytopenia	Rifampin	Bleeding tendencies, bruising, Petechiae.	Baseline CBC and Platelets and every 3 months. If baselines are abnormal monitor monthly. Signs and symptoms assessment monthly.