ᓄᓇᕕᒻᒥ ᐃᓅᓯᕐᓂᓄᑦ ᑲᑎᒪᔨᑦ
RÉGIE RÉGIONALE DE LA SANTÉ ET DES SERVICES SOCIAUX DU NUNAVIK
NUNAVIK REGIONAL BOARD OF HEALTH AND SOCIAL SERVICES
Inuulitsivik
Centre de Santé et Services Sociaux Inuulitsivik
Inuulitsivik Health & Social Services Centre
Puvirnituq, Québec J0M 1P0
T 819 988-2957 / F 819 988-2796
UNGAVA TULATTAVIK HEALTH CENTER
CENTRE DE SANTÉ TULATTAVIK DE L'UNGAVA

Title	Adverse reactions of the main TB treatments
TB toolbox CODE	DSPu-TB TB ACT-ITL-EFFETS-INDESIRABLES_EN
Date modified	2025-06-01

Medication	**Common adverse reactions**	**Rare but important adverse reactions**	**Likelihood of hepatitis***	**Likelihood of a rash***
Isoniazid (INH)	▪ Rash ▪ Hepatitis ▪ Peripheral neuropathy	▪ Neurotoxicity ▪ Anemia ▪ Hepatic necrosis	+++	++
Rifampicin (RMP)	▪ Drug interactions ▪ Rash ▪ Orange urine, tears or sweat ▪ Anemia	▪ Hepatitis ▪ Influenza-like illness ▪ Neutropenia ▪ Thrombocytopenia	++	++++
Pyrazinamide (PZA)	▪ Hepatitis ▪ Rash ▪ Hyperuricemia ▪ Arthralgia	▪ Gout	++++	+++
Ethambutol (EMB)	▪ Ocular toxicity (visual acuity, red-green discrimination)	▪ Rash ▪ Neurotoxicity ▪ GI disorders	+	+
Fluroquinolone (FQN)	▪ Rash	▪ Tendinitis ▪ Ruptured tendon ▪ Prolonged QT interval		
Amikacin (AM)	▪ Nephrotoxicity ▪ Ototoxicity			
Rifapentine (RPT)	▪ Drug interactions ▪ Rash ▪ Orange urine, tears or sweat ▪ Anemia ▪ Hypersensitivity reaction	▪ Influenza-like illness ▪ Hepatitis ▪ Neutropenia ▪ Thrombocytopenia	++	++++
Drawn from: Gestion par les intervenants de santé publique des cas et de leurs contacts dans la communauté, Guide de pratique professionnelle (INSPQ, 2025).			* ++++ = more likely/ + = less likely	

- INH, RIF and PZA can trigger hepatic conditions, ranging from a slight asymptomatic increase of transaminases to a fulminant hepatitis.
- These drugs should be removed from the therapeutic protocol following a medical opinion and if:
  - an icterus appears;
  - the serum concentration of transaminases (AST or ALT) is 3 times higher than the upper limit of the normal range AND the person is symptomatic;
  - the serum concentration of transaminases (AST or ALT) is 5 times higher than the upper limit of the normal range.