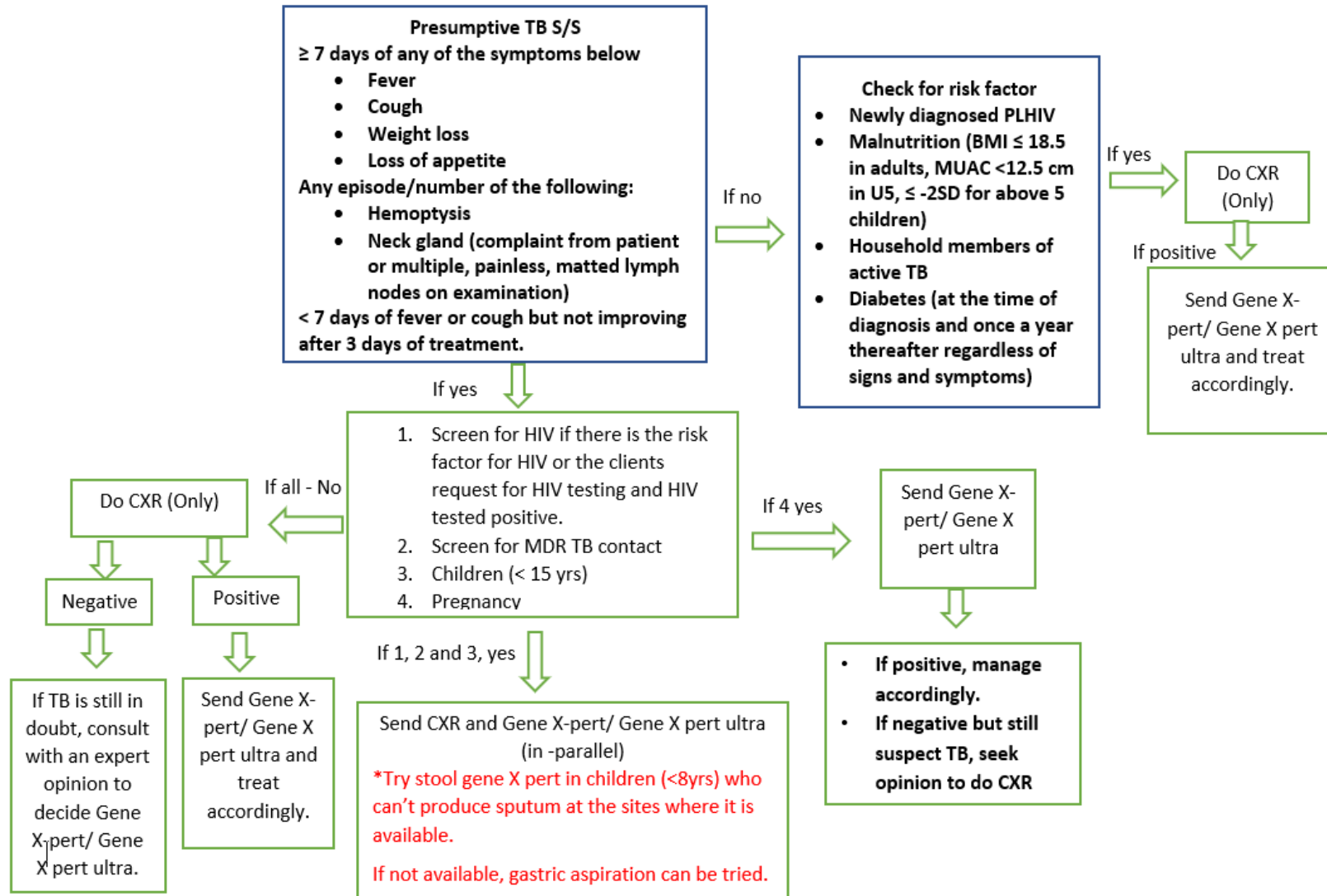


TB screening and diagnosis



Interpretation on GeneXpert results in TB diagnosis

	Gene Xpert MTB result	Gene Xpert Rifam result	Next step
T	MTB detected-high/med/low/very low	Rifam sensitive	Refer to NTP for DSTB treatment
TT	MTB detected -Trace	Rifam sensitive / or indeterminate	See the management below.
N	MTB not detected	no result	Treat according to CXR result
I	MTB indeterminate	No result	Send for 2 nd Gene with a new sputum sample and manage according to 2 nd GXP result
TI	MTB detected	Rif resistance indeterminate	
RR	MTB detected-high/med/low	Rif resistance	Refer to NTP for DR-TB treatment
RR	MTB detected-very low/trace	Rif resistance	Send for 2nd Gene with a new sputum sample if the patient meets (all) of the following criteria; 1. New patient (Initial regime) 2. M0 gene result (no follow up) 3. No comorbidities (DM, HIV) 4. No MDR contact history Refer to NTP for further management