

Percent Risk of	Disease by Age	
Age at Infection	Risk of Active TB) de la constance de la consta
Birth – 1 year*	43%	
1 – 5 years*	24%	One an other a
6 – 10 years*	2%	
11 – 15 years*	16%	and a
Healthy Adults	5-10% lifetime risk	
HIV Infected Adults ⁺	30-50% lifetime	
*Miller, Tuberculosis in Children Little Brown, Boston, 1963	*WHO, 2004	Z

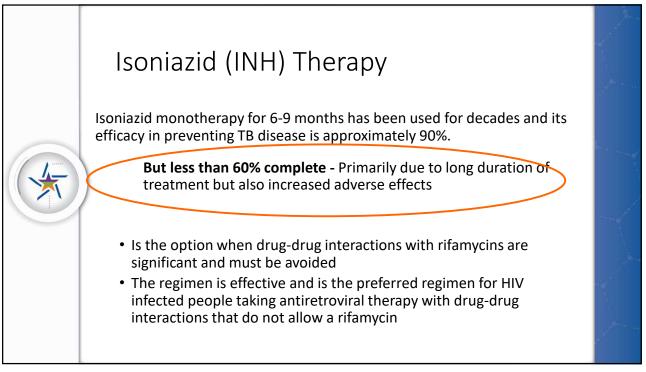


Treatment Options for LTBI

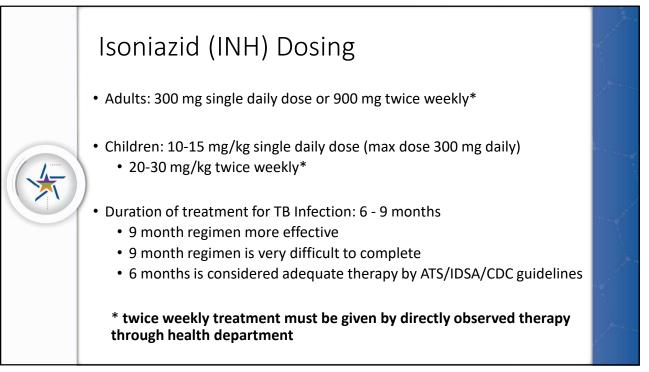
Drug	Duration	Number of Doses
INH + Rifapentine (3HP)	Once weekly x 12 weeks	12
Rifampin	Daily x 4 months	120
INH + Rifampin	Daily x 3-4 months	90-120
INH	Daily x 9 months	270
INH	Daily x 6 months	180

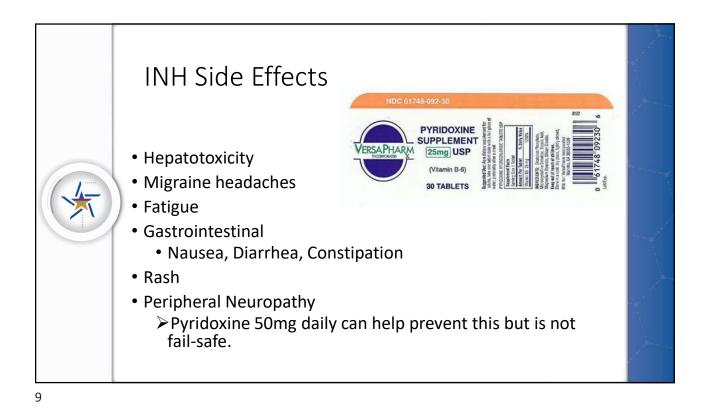
The longer the duration/more doses, the less likely your patient is to complete treatment

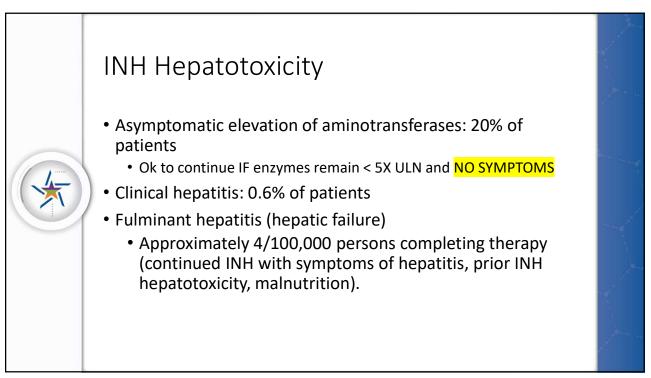
Fewer than 60% complete 9 months of INH







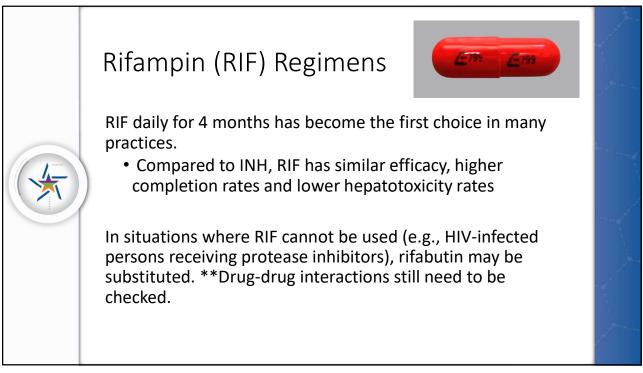


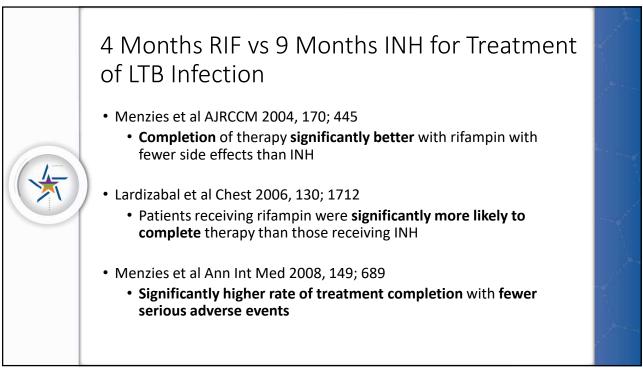


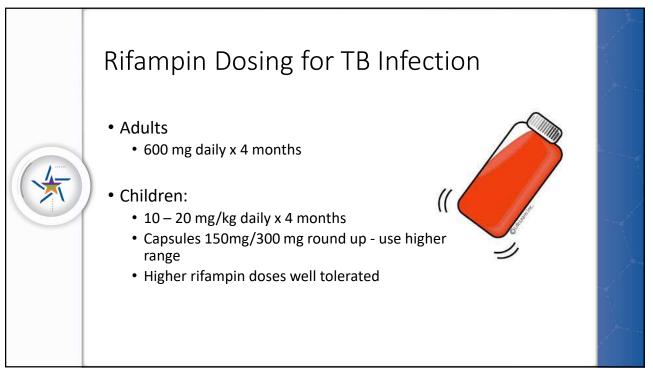
 Severe INH Liver Injuries Among Persons Being Treated for LTBI, U.S., 2004-2008

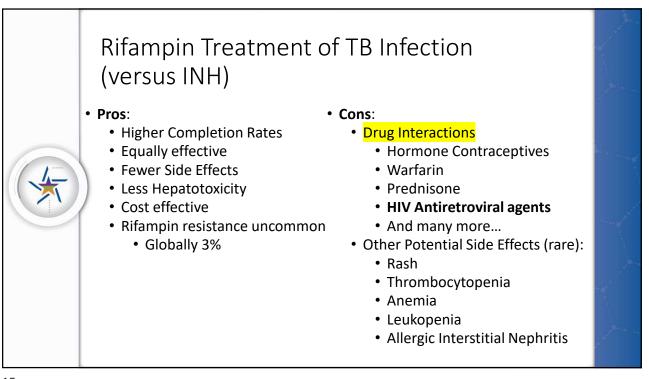
 MWWR 3/5/10/ 59(08); 224-229

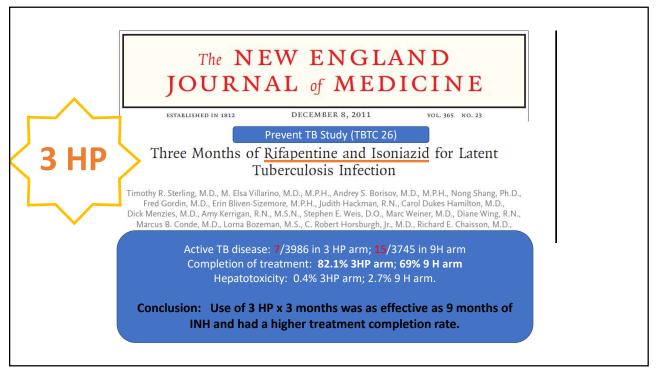
 "Medical providers should emphasize to patients that <u>INH treatment should be stopped immediately upon the earliest onset of symptoms</u> (e.g. excess fatigue, nausea, vomiting, abdominal pain, or jaundice), even before a clinical evaluation has been conducted, and that initial symptoms might be subtle and might not include jaundice."

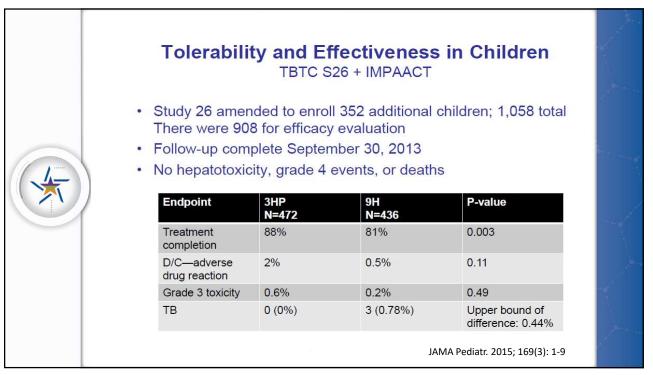


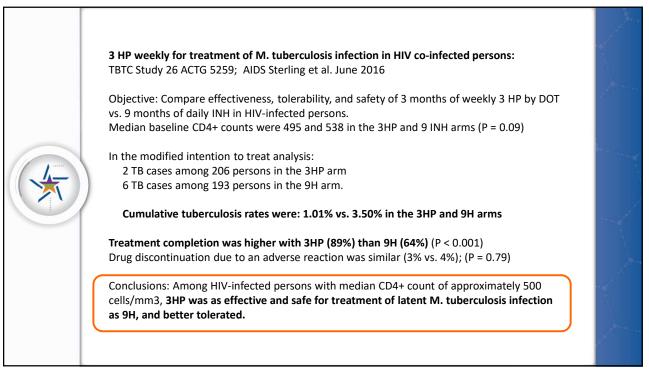


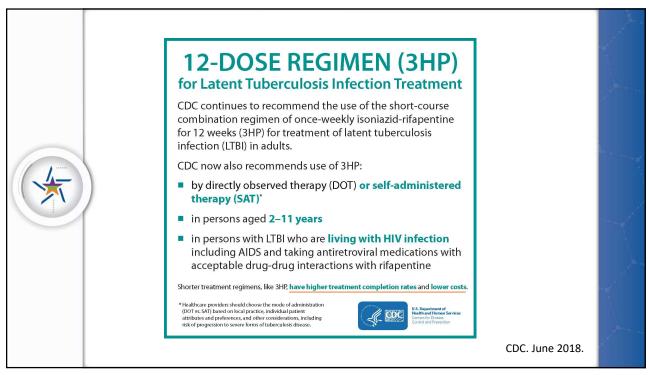


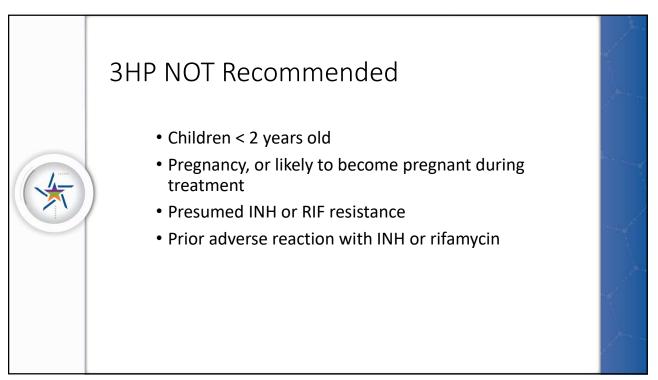












	Dosing for 3 HP			
	 Adults and children > 45 kg 900 mg INH once weekly 900 mg Rifapentine once weekly Vitamin B 6 50 mg once weekly 	 Children 2 – 12 year INH 15 mg/kg (rour nearest 50 or 100 r Rifapentine 10-14 kg: 14.1-25 kg: 25.1-32 kg: 32.1-49.9 kg: ≥ 50 kg: 	nd to	

