South African National TB Guidelines - Children

### TREATMENT TABLE B (REGIMEN 3B)

**Type of Monitoring**
- Monthly for first 2 months, thereafter every 2 months until completion of TB treatment

**Frequency of Monitoring**
- Every month for first 2 months, thereafter every 2 months until completion of TB treatment

**Monitoring Parameters**
- Presence of TB symptoms
- Treatment adherence - review the patient treatment card (Green card), conduct pill count
- Adverse events
- Weight gain - measure and record the patient's weight
- Review medication dosages and adjust according to weight

### TREATMENT OF UNCOMPROMICATED TB DISEASE IN CHILDREN < 8 YRS OR < 30 KG (EXCLUDING TB MENINGITIS AND MILIARY TB)

**Formulation/Body weight**
- Ethambutol 400 mg/8 ml solution
- Pyrazinamide 150 mg/3 ml solution
- Rifampicin (R) 150 mg/3 ml solution

**Dosage**
- Ethambutol: 60 mg/kg/day (max 400 mg/day)
- Pyrazinamide: 150 mg/kg/day (max 800 mg/day)
- Rifampicin: 15 mg/kg/day (max 300 mg/day)

**Duration**
- Rifampicin: 6 months
- Pyrazinamide: 6 months
- Ethambutol: 6 months

**Maximum daily dose**
- Ethambutol: 400 mg
- Pyrazinamide: 200 mg
- Rifampicin: 600 mg

**Regimen**
- Regimen 3B: Ethambutol, Pyrazinamide, Rifampicin (6 months) followed by Ethambutol and Pyrazinamide (6 months)

**Target dose or range (mg/kg/dose):**
- Rifampicin: 20 mg/kg as a single daily dose
- Pyrazinamide: 20 mg/kg as a single daily dose
- Ethambutol: 400 mg

**Time to completion of TB treatment:**
- 7 days a week for 4 months

### TREATMENT TABLE A (REGIMEN 3A)

**Type of Monitoring**
- Monthly for first 2 months, thereafter every 2 months until completion of TB treatment

**Frequency of Monitoring**
- Every month for first 2 months, thereafter every 2 months until completion of TB treatment

**Monitoring Parameters**
- Presence of TB symptoms
- Treatment adherence - review the patient treatment card (Green card), conduct pill count
- Adverse events
- Weight gain - measure and record the patient's weight
- Review medication dosages and adjust according to weight

### TREATMENT OF UNCOMPROMICATED TB DISEASE IN CHILDREN > 8 YRS OR > 30 KG (EXCLUDING TB MENINGITIS AND MILIARY TB)

**Formulation/Body weight**
- Ethambutol 400 mg/8 ml solution
- Pyrazinamide 150 mg/3 ml solution
- Rifampicin (R) 150 mg/3 ml solution

**Dosage**
- Ethambutol: 60 mg/kg/day (max 400 mg/day)
- Pyrazinamide: 150 mg/kg/day (max 800 mg/day)
- Rifampicin: 15 mg/kg/day (max 300 mg/day)

**Duration**
- Rifampicin: 6 months
- Pyrazinamide: 6 months
- Ethambutol: 6 months

**Maximum daily dose**
- Ethambutol: 400 mg
- Pyrazinamide: 200 mg
- Rifampicin: 600 mg

**Regimen**
- Regimen 3A: Ethambutol, Pyrazinamide, Rifampicin (6 months) followed by Ethambutol and Pyrazinamide (6 months)

**Target dose or range (mg/kg/dose):**
- Rifampicin: 20 mg/kg as a single daily dose
- Pyrazinamide: 20 mg/kg as a single daily dose
- Ethambutol: 400 mg

**Time to completion of TB treatment:**
- 7 days a week for 4 months

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**PYRIDOXINE PROPHYLAXIS**
- For all malnourished or HIV-positive children: pyridoxine 12.5 mg daily for children < 5 years and pyridoxine 25 mg/day for children > 5 years