PRODUCT DOSING

Please see drug information sheets for details, but recommended dosing is:

Clofazimine: 2-5 mg/kg/day (can be given every other day in smaller children)

Cycloserine: 15-20 mg/kg/day

Ethambutol: 15-25 mg/kg/day

Ethionamide: 15-20 mg/kg/day

Isoniazid: 15-20 mg/kg/day

Levofloxacin: 15-20 mg/kg/day

Linezolid: 10-12 mg/kg once daily for children < 12 years who weigh 16 kg or more; 15 mg/kg once daily in children < 12 years who weigh less than 16 kg; 10 mg/kg once daily in children 12 years and above

Moxifloxacin: 10-15 mg/kg/day

Pyrazinamide: 30-40 mg/kg/day
PRODUCT PREPARATION AND DISPENSING:

It is recommended that the tablets of each of the pediatric formulations of the medication listed above (ethambutol, ethionamide, isoniazid, levofloxacin, linezolid, moxifloxacin, pyrazinamide: cycloserine comes in a capsule formulation and specific instructions are below.) be dissolved in 50mL of water (or other liquids such as breast milk, porridge, yogurt, etc,) and then given to the child within 10 minutes. However, 50mL may be too much liquid for children, and clinical experience suggests in field studies that as little as 5mL per tablet can be used to dissolve the tablet.

Potential dispensing containers include medicine cups, spoons, or syringes (with the plunger removed and a finger placed over the opening).

The liquid should first be placed in the dispensing container (minimum 5mL maximum 50mL per tablet). The tablets should then be added to the liquid and the solution agitated until the tablet is completely dissolved. The child should be given the dissolved tablet mixture within 10 minutes of preparation. If the solution sits longer than 10 minutes then it should be re-shaken/stirred/agitated again until the dissolved tablet is completely mixed.

Another 5mL of liquid should be added to any remaining residue in the dispensing container, swirled to dissolve any remaining residue, and then administered to the child.

Any leftover liquid should be discarded according to standard operating procedures.
**CYCLOSERINE**

The cycloserine capsules should be administered and swallowed whole whenever possible. If not possible, for children weighing 6 kg and above, the capsule can be opened and its contents can be dissolved in 50mL of water (or other liquids such as breast milk, porridge, yogurt, etc.,) and then given to the child within 10 minutes. However, 50mL may be too much liquid for children, and as little as 5mL per capsule can be used to dissolve the capsule contents.

Potential dispensing containers include medicine cups, spoons, or syringes (with the plunger removed and a finger placed over the opening). Syringes may be easier to use in infants and very young children, but it is important that they be thoroughly cleaned after each administration.

The liquid should first be placed in the dispensing container (minimum 5mL maximum 50mL per capsule). The capsule’s content should then be added to the liquid and the solution agitated until completely dissolved. The child should be given the dissolved mixture within 10 minutes of preparation. If the solution sits longer than 10 minutes then it should be re-shaken/stirred/agitated again until it is completely mixed.

Another 5mL of liquid should be added to any remaining residue in the dispensing container, swirled to dissolve any remaining residue, and then administered to the child.

Any leftover liquid should be discarded according to standard operating procedures.

**SUSPENSION PREPARATION**

For younger children or those whose weights are less than 6 kg, a solution of the dispersible tablets should be made using water or breast milk or another appropriate liquid. This solution should be prepared with 12mL of liquid to make a suspension. This should be prepared in a syringe or medicine cup and then immediately administered to the child to give the proper dose per weight.

<table>
<thead>
<tr>
<th>Drugs</th>
<th>Quantity of Liquid for Suspension Preparation</th>
<th>Suspension concentration in mg/mL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cycloserine: 125mg tablet</td>
<td>12mL</td>
<td>10mg/mL</td>
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</tbody>
</table>

IF A CHILD VOMITS AND IT IS WITHIN 30 MINUTES OF THE DOSE BEING ADMINISTERED, THEN THE DOSE SHOULD BE READMINISTERED. IF THE CHILD VOMITS 30 MINUTES AFTER THE DOSE HAS BEEN ADMINISTERED, THERE IS NO NEED TO READMINISTER THE DOSE.

IF THE CHILD NEEDS TO BE HELD DOWN TO ADMINISTER THE MEDICATION, MAKE SURE HIS OR HER HEAD IS RAISED ABOVE 30 DEGREES. THIS WILL REDUCE THE RISK OF CHOKEING AND ASPIRATION.