

Scabies

Technique of application of topical agents listed below is extremely important to ensure effectiveness. Manufacturer's directions for product use need to be followed closely. Do not apply after a hot bath.

Adults & Children over 2 years:

Apply to the whole body below the ears paying particular attention to the areas between the fingers and toes, wrists, axillae, external genitalia, buttocks and under finger and toenails.

Face, neck & scalp application is necessary in immunosuppressed and adults over 65 years.

Children 2 months-2 years:

As per adults but also apply to face, neck, scalp and ears.

The product should be re-applied to the hands if they are washed with soap and water.

Pregnancy & Breastfeeding: Either product may be used in pregnancy. Care must be taken that a breastfeeding infant does not suckle on treated skin (thereby avoiding oral ingestion of the scabicide).

| Drug | Dose | Contact time | Repeat application |
|---|--|--------------|--------------------|
| Permethrin 5% Cream (Lyclear® Dermal Cream) 30g tube | Adults & Children > 12yrs: Apply up to 30g at night Children 6-12yrs: Apply up to 15g (½ of a 30g tube) at night Children ≥ 2mths-5yrs: Apply up to 7.5g (¼ of a 30g tube) at night | 12 hours | One week later |
| 2nd line option | | | |
| Malathion 0.5% Liquid (Derbac M®) | Adults & Children ≥6mths: Apply as directed | 24 hours | One week later |
| Due to ongoing supply shortages of <i>Lyclear</i> ® Dermal Cream and <i>Derbac M</i> ®, a third line option, for the topical treatment of scabies has been added, Benzyl benzoate 25%w/v. It should be reserved for third line use as it may be irritant to the skin. Benzyl benzoate 25%w/v should not be applied to the face and neck or to mucous membranes. | | | |
| 3rd line option | | | |
| Benzyl Benzoate 25%w/v Application | Adults Apply to the entire body (including soles of the feet, but excluding head and neck) for two consecutive nights | 8 – 12 hours | One week later |

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| | <p>Children Dosing as for adults but dilute solution with equal parts water prior to use</p> <p>Infants Dosing as for adults but dilute solution with 3 parts water prior to use</p> | | |
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Treatment-Resistant Scabies

In cases of treatment-resistant scabies, advice should be sought from dermatology, public health or microbiology. If **urgent** treatment is required then oral ivermectin **may** be considered, giving due consideration to the unlicensed nature of the drug, the age and co-morbidities of the patient, and other prescribed or non-prescribed drugs they may be taking. It is generally available through unlicensed suppliers in 3mg tablets.

| Drug | Dose | Duration | Notes | | | | | | | | | | | | | | | | |
|------------------|--------------------------------|--|--|------------------|--------------------------------|---------|---|---------|---|---------|---|---------|---|----------|---|-----------|---|-------|-------------------|
| Ivermectin | 200 micrograms/kg | Two doses one week apart (Day 1 and day 8) | <p>Should be taken on an empty stomach with a glass of water.</p> <p>Safety has not been established in pregnancy.</p> <p>Please document patient's weight on prescription.</p> <p>Sample Calculation</p> <p><i>Body weight = 70kg</i></p> <p><i>Dosing = 200 micrograms /kg</i></p> <p><i>Dose = 70 x 200 = 14,000 micrograms = 14mg</i></p> <p><i>Tablets available = 3 mg, so rounding to the nearest 3mg, dose is 5 tablets (15mg)</i></p> <p>Ivermectin dosing table:</p> <table border="1"> <thead> <tr> <th>Body Weight (kg)</th> <th>Number of 3mg tablets per dose</th> </tr> </thead> <tbody> <tr> <td>45 - 52</td> <td>3</td> </tr> <tr> <td>53 - 67</td> <td>4</td> </tr> <tr> <td>68 - 82</td> <td>5</td> </tr> <tr> <td>83 - 97</td> <td>6</td> </tr> <tr> <td>98 - 112</td> <td>7</td> </tr> <tr> <td>113 - 127</td> <td>8</td> </tr> <tr> <td>127 +</td> <td>200 micrograms/kg</td> </tr> </tbody> </table> | Body Weight (kg) | Number of 3mg tablets per dose | 45 - 52 | 3 | 53 - 67 | 4 | 68 - 82 | 5 | 83 - 97 | 6 | 98 - 112 | 7 | 113 - 127 | 8 | 127 + | 200 micrograms/kg |
| Body Weight (kg) | Number of 3mg tablets per dose | | | | | | | | | | | | | | | | | | |
| 45 - 52 | 3 | | | | | | | | | | | | | | | | | | |
| 53 - 67 | 4 | | | | | | | | | | | | | | | | | | |
| 68 - 82 | 5 | | | | | | | | | | | | | | | | | | |
| 83 - 97 | 6 | | | | | | | | | | | | | | | | | | |
| 98 - 112 | 7 | | | | | | | | | | | | | | | | | | |
| 113 - 127 | 8 | | | | | | | | | | | | | | | | | | |
| 127 + | 200 micrograms/kg | | | | | | | | | | | | | | | | | | |