

BAYLISASCARIASIS (*Baylisascaris procyonis*)

Drug	Adult dosage	Pediatric dosage
Drug of choice:	No drug has been demonstrated to be effective. Albendazole 25 mg/kg/d PO x 20d started as soon as possible (up to 3d after possible infection) might prevent clinical disease and is recommended for children with known exposure (ingestion of raccoon stool or contaminated soil). ¹ Mebendazole , levamisole or ivermectin could be tried if albendazole is not available. Steroid therapy may be helpful, especially in eye and CNS infections ² . Ocular baylisascariasis has been treated successfully using laser photocoagulation therapy to destroy the intraretinal larvae. ³	

1. WJ Murray and KR Kazacos, Clin Infect Dis 2004; 39:1484.

2. PJ Gavin et al, Clin Microbiol Rev 2005; 18:703.

3. CA Garcia et al, Eye 2004; 18:624.

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MANUFACTURERS OF DRUGS USED TO TREAT PARASITIC INFECTIONS

albendazole – <i>Albenza</i> (GlaxoSmithKline)	lumefantrine/artemether – <i>Coartem</i> , <i>Riamet</i> (Novartis)
<i>Albenza</i> (GlaxoSmithKline) – albendazole	<i>Malarone</i> (GlaxoSmithKline) – atovaquone/proguanil
<i>Alinia</i> (Romark) – nitazoxanide	malathion – <i>Ovide</i> (Medicis)
<i>AmBisome</i> (Gilead) – amphotericin B, liposomal	mebendazole – <i>Vermox</i> (McNeil), others
amphotericin B – <i>Fungizone</i> (Apothecon), others	mefloquine – <i>Lariam</i> (Roche)
amphotericin B, liposomal – <i>AmBisome</i> (Gilead)	§ meglumine antimonate – <i>Glucantime</i> (Aventis, France)
<i>Ancobon</i> (Valeant) – flucytosine	† melarsoprol – <i>Mel-B</i>
§ <i>Antiminth</i> (Pfizer) – pyrantel pamoate	† <i>Mel-B</i> – melarsoprol
• <i>Aralen</i> (Sanofi) – chloroquine HCl and chloroquine phosphate	<i>Mepron</i> (GlaxoSmithKline) – atovaquone
§ artemether – <i>Artenam</i> (Arenco, Belgium)	metronidazole – <i>Flagyl</i> (Pfizer), others
§ artemether/lumefantrine – <i>Coartem</i> , <i>Riamet</i> (Novartis)	§ miconazole – <i>Monistat i.v.</i>
§ <i>Artenam</i> (Arenco, Belgium) – artemether	§ miltefosine – <i>Impavido</i> (Zentaris, Germany)
§ artesunate – (Guilin No. 1 Factory, People's Republic of China)	§ <i>Monistat i.v.</i> – miconazole
atovaquone – <i>Mepron</i> (GlaxoSmithKline)	<i>NebuPent</i> (Fujisawa) – pentamidine isethionate
atovaquone/proguanil – <i>Malarone</i> (GlaxoSmithKline)	§ niclosamide – <i>Yomesan</i> (Bayer, Germany)
azithromycin – <i>Zithromax</i> (Pfizer), others	† nifurtimox – <i>Lampit</i> (Bayer, Germany)
• <i>Bactrim</i> (Roche) – TMP/Sulfa	nitazoxanide – <i>Alinia</i> (Romark)
§ benznidazole – <i>Rochagan</i> (Brazil)	<i>Nix</i> (GlaxoSmithKline) – permethrin
• <i>Biaxin</i> (Abbott) – clarithromycin	• <i>Nizoral</i> (Janssen) – ketoconazole
§ <i>Biltricide</i> (Bayer) – praziquantel	§ ornidazole – <i>Tiberal</i> (Roche, France)
† bithionol – <i>Bitin</i> (Tanabe, Japan)	<i>Ornidyl</i> (Aventis) – eflornithine (Difluoromethylornithine, DFMO)
† <i>Bitin</i> (Tanabe, Japan) – bithionol	<i>Ovide</i> (Medicis) – malathion
§ <i>Brolene</i> (Aventis, Canada) – propamidine isethionate	§ oxamniquine – <i>Vansil</i> (Pfizer)
chloroquine HCl and chloroquine phosphate – <i>Aralen</i> (Sanofi), others	§ <i>Paludrine</i> (AstraZeneca, United Kingdom) – proguanil
clarithromycin – <i>Biaxin</i> (Abbott), others	paromomycin – <i>Humatin</i> (Monarch); <i>Leshcutan</i> (Teva, Israel; topical formulation not available in US)
• <i>Cleocin</i> (Pfizer) – clindamycin	<i>Pentam 300</i> (Fujisawa) – pentamidine isethionate
clindamycin – <i>Cleocin</i> (Pfizer), others	pentamidine isethionate – <i>Pentam 300</i> (Fujisawa), <i>NebuPent</i> (Fujisawa)
<i>Coartem</i> (Novartis) – artemether/lumefantrine	† <i>Pentostam</i> (GlaxoSmithKline, United Kingdom) – sodium stibogluconate
crotamiton – <i>Eurax</i> (Westwood-Squibb)	permethrin – <i>Nix</i> (GlaxoSmithKline), <i>Elimite</i> (Allergan)
dapsone – (Jacobus)	§ praziquantel – <i>Biltricide</i> (Bayer)
§ <i>Daraprim</i> (GlaxoSmithKline) – pyrimethamine USP	primaquine phosphate USP
† diethylcarbamazine citrate (DEC) – <i>Hetrazan</i>	§ proguanil – <i>Paludrine</i> (AstraZeneca, United Kingdom)
• <i>Diflucan</i> (Pfizer) – fluconazole	proguanil/atovaquone – <i>Malarone</i> (GlaxoSmithKline)
§ diloxanide furoate – <i>Furamide</i> (Boots, United Kingdom)	§ propamidine isethionate – <i>Brolene</i> (Aventis, Canada)
doxycycline – <i>Vibramycin</i> (Pfizer), others	§ pyrantel pamoate – <i>Antiminth</i> (Pfizer)
eflornithine (Difluoromethylornithine, DFMO) – <i>Ornidyl</i> (Aventis)	pyrethrins and piperonyl butoxide – <i>RID</i> (Pfizer), others
§ <i>Egaten</i> (Novartis) – triclabendazole	§ pyrimethamine USP – <i>Daraprim</i> (GlaxoSmithKline)
<i>Elimite</i> (Allergan) – permethrin	<i>Qualaquin</i> – quinine sulfate (Mutual Pharmaceutical Co/AR Scientific)
<i>Ergamisol</i> (Janssen) – levamisole	quinacrine
<i>Eurax</i> (Westwood-Squibb) – crotamiton	* quinidine gluconate (Eli Lilly)
• <i>Flagyl</i> (Pfizer) – metronidazole	§ quinine dihydrochloride
§ <i>Flisint</i> (Sanofi-Aventis, France) – fumagillin	quinine sulfate – <i>Qualaquin</i> (Mutual Pharmaceutical Co/AR Scientific)
fluconazole – <i>Diflucan</i> (Pfizer), others	<i>Riamet</i> (Novartis) – artemether/lumefantrine
flucytosine – <i>Ancobon</i> (Valeant)	• <i>RID</i> (Pfizer) – pyrethrins and piperonyl butoxide
§ fumagillin – <i>Flisint</i> (Sanofi-Aventis, France)	• <i>Rifadin</i> (Aventis) – rifampin
• <i>Fungizone</i> (Apothecon) – amphotericin	rifampin – <i>Rifadin</i> (Aventis), others
§ <i>Furamide</i> (Boots, United Kingdom) – diloxanide furoate	§ <i>Rochagan</i> (Brazil) – benznidazole
§ furazolidone – <i>Furozone</i> (Roberts)	* <i>Rovamycine</i> (Aventis) – spiramycin
§ <i>Furozone</i> (Roberts) – furazolidone	† sodium stibogluconate – <i>Pentostam</i> (GlaxoSmithKline, United Kingdom)
† <i>Germanin</i> (Bayer, Germany) – suramin sodium	* spiramycin – <i>Rovamycine</i> (Aventis)
§ <i>Glucantime</i> (Aventis, France) – meglumine antimonate	• <i>Sporanox</i> (Janssen-Ortho) – itraconazole
† <i>Hetrazan</i> – diethylcarbamazine citrate (DEC)	<i>Stromectol</i> (Merck) – ivermectin
<i>Humatin</i> (Monarch) – paromomycin	sulfadiazine – (Eon)
§ <i>Impavido</i> (Zentaris, Germany) – miltefosine	† suramin sodium – <i>Germanin</i> (Bayer, Germany)
iodoquinol – <i>Yodoxin</i> (Glenwood), others	§ <i>Tiberal</i> (Roche, France) – ornidazole
itraconazole – <i>Sporanox</i> (Janssen-Ortho), others	<i>Tindamax</i> (Mission) – tinidazole
ivermectin – <i>Stromectol</i> (Merck)	tinidazole – <i>Tindamax</i> (Mission)
ketoconazole – <i>Nizoral</i> (Janssen), others	
† <i>Lampit</i> (Bayer, Germany) – nifurtimox	
<i>Lariam</i> (Roche) – mefloquine	
§ <i>Leshcutan</i> (Teva, Israel) – topical paromomycin	
levamisole – <i>Ergamisol</i> (Janssen)	

(continued)

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| TMP/Sulfa – <i>Bactrim</i> (Roche), others | • <i>Vibramycin</i> (Pfizer) – doxycycline |
| § triclabendazole – <i>Egaten</i> (Novartis) | • <i>Yodoxin</i> (Glenwood) – iodoquinol |
| § <i>Vansil</i> (Pfizer) – oxamniquine | § <i>Yomesan</i> (Bayer, Germany) – niclosamide |
| • <i>Vermox</i> (McNeil) – mebendazole | • <i>Zithromax</i> (Pfizer) – azithromycin |
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- * Available in the US only from the manufacturer.
- § Not available commercially. It may be obtained through compounding pharmacies such as Panorama Compounding Pharmacy, 6744 Balboa Blvd, Van Nuys, CA 91406 (800-247-9767) or Medical Center Pharmacy, New Haven, CT (203-688-6816). Other compounding pharmacies may be found through the National Association of Compounding Pharmacies (800-687-7850) or the Professional Compounding Centers of America (800-331-2498, www.pccarx.com).
- † Available from the CDC Drug Service, Centers for Disease Control and Prevention, Atlanta, Georgia 30333; 404-639-3670 (evenings, weekends, or holidays: 770-488-7100).
- Also available generically.

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