

TABLE 246e-1 OVERVIEW OF AGENTS USED FOR THE TREATMENT OF PARASITIC INFECTIONS (CONTINUED)

Drugs by Class	Parasitic Infection(s)	Adverse Effects	Major Drug-Drug Interactions	Pregnancy Class ^a	Breast Milk
Pentamidine isethionate	Leishmaniasis, trypanosomiasis	<i>Frequent:</i> hypotension, hypoglycemia, pancreatitis, sterile abscesses at IM injection sites, GI disturbances, reversible renal failure. <i>Occasional:</i> hepatotoxicity, cardiotoxicity, delirium. <i>Rare:</i> anaphylaxis	No major interactions	C	No information
Piperazine and derivatives					
Piperazine	Ascariasis, enterobiasis	<i>Occasional:</i> nausea, vomiting, diarrhea, abdominal pain, headache. <i>Rare:</i> neurotoxicity, seizures	None reported	C	No information
Diethylcarbamazine ^e	Lymphatic filariasis, loiasis, tropical pulmonary eosinophilia	<i>Frequent:</i> dose-related nausea, vomiting. <i>Rare:</i> fever, chills, arthralgias, headaches	None reported	Not assigned ^d	No information
Praziquantel	Clonorchiasis, ^b cysticercosis, diphyllorbothriasis, hymenolepiasis, taeniasis, opisthorchiasis, intestinal trematodes, paragonimiasis, schistosomiasis ^b	<i>Frequent:</i> abdominal pain, diarrhea, dizziness, headache, malaise. <i>Occasional:</i> fever, nausea. <i>Rare:</i> pruritus, singultus	No major interactions	B	Yes
Pyrantel pamoate	Ascariasis, eosinophilic enterocolitis, enterobiasis, ^b hookworm, trichostrongyliasis	<i>Occasional:</i> GI disturbances, headache, dizziness, elevated aminotransferases	No major interactions	C	No information
Pyronaridine	Malaria	<i>Occasional:</i> headache, nausea	None reported to date	B	Yes
Quinacrine ^h	Giardiasis ^b	<i>Frequent:</i> headache, nausea, vomiting, bitter taste. <i>Occasional:</i> yellow-orange discoloration of skin, sclerae, urine; begins after 1 week of treatment and lasts up to 4 months after drug discontinuation. <i>Rare:</i> psychosis, exfoliative dermatitis, retinopathy, G6PD-induced hemolysis, exacerbation of psoriasis, disulfiram-like effects	Primaquine: toxicity potentiated by quinacrine	C	No information
Quinine and quinidine	Malaria, babesiosis	<i>Frequent:</i> cinchonism (tinnitus, high-tone deafness, headache, dysphoria, nausea, vomiting, abdominal pain, visual disturbances, postural hypotension), hyperinsulinemia resulting in life-threatening hypoglycemia. <i>Occasional:</i> deafness, hemolytic anemia, arrhythmias, hypotension due to rapid IV infusion	Carbonic anhydrase inhibitors, thiazide diuretics: reduced renal elimination of quinidine Amiodarone, cimetidine: increased quinidine levels Nifedipine: decreased quinidine levels; quinidine slows metabolism of nifedipine Phenobarbital, phenytoin, rifampin: accelerated hepatic elimination of quinidine Verapamil: reduced hepatic clearance of quinidine Diltiazem: decreased clearance of quinidine	X	Yes ^g
Quinolones					
Ciprofloxacin	Cyclosporiasis, isosporiasis	<i>Occasional:</i> nausea, diarrhea, vomiting, abdominal pain/discomfort, headache, restlessness, rash. <i>Rare:</i> myalgias/arthralgias, tendon rupture, CNS symptoms (nervousness, agitation, insomnia, anxiety, nightmares or paranoia); convulsions	Probenecid: increased serum levels of ciprofloxacin Theophylline, warfarin: serum levels increased by ciprofloxacin	C	Yes

(Continued)