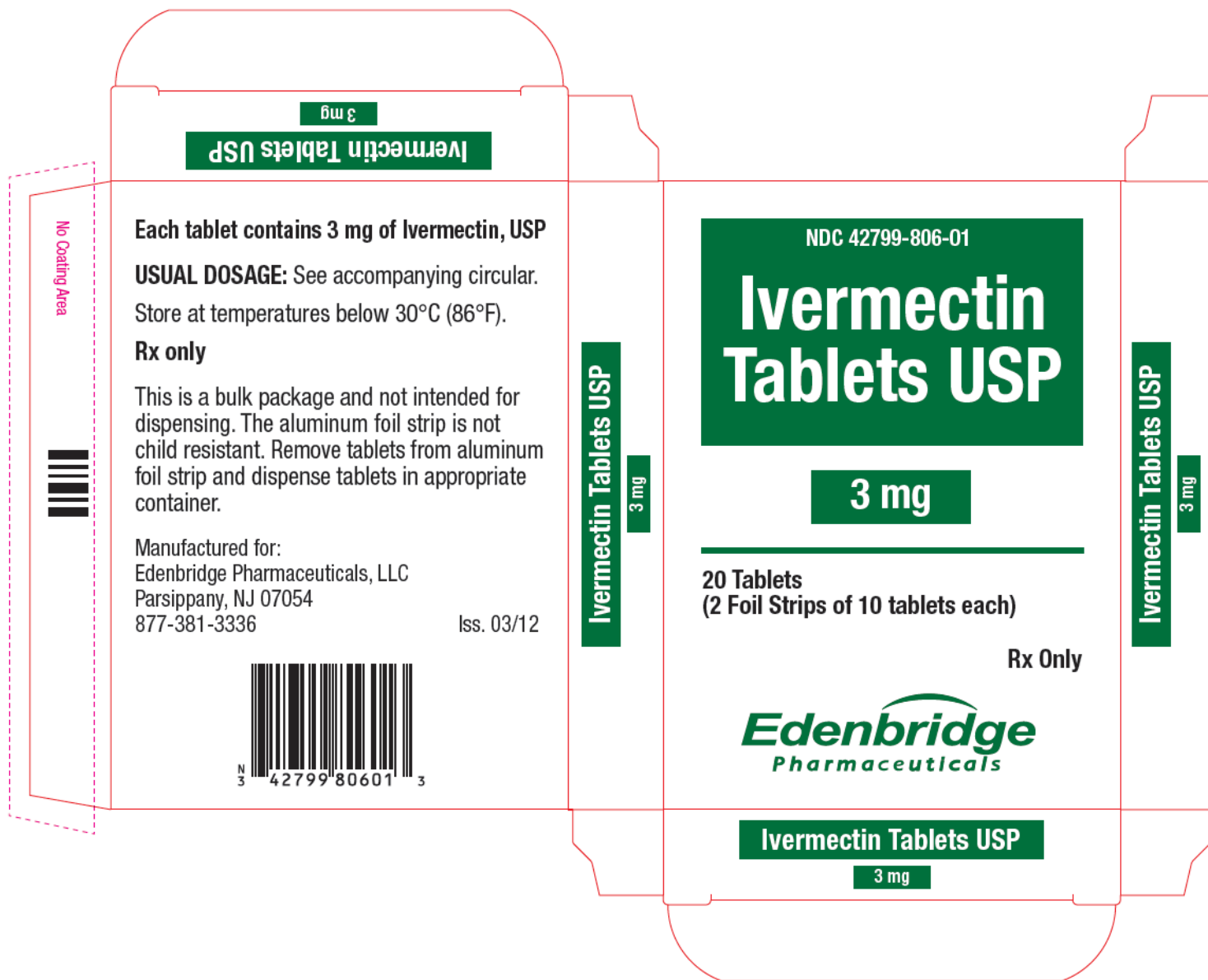


(b) (4)





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Ivermectin Tab R01-14, Flat size 3.625 x 19 Fold to 2.375 x 3.625 1/24/14 10

Drug Interactions
Post-marketing reports of increased (MR) (microthelium Normalized Ratio) have been reported when ivermectin was co-administered with warfarin.
Cardiomyopathy Myocardial impairment of heart failure
Long-term studies in patients have not been performed to evaluate the cardioprotective potential of ivermectin.
Ivermectin was not genotoxic in *in vitro* Ames and Ames fluctuation tests, Ames fluctuation tests with and without metabolic activation, the Mouse Lymphoma Cell Line L5178Y cytogenicity and mutagenicity assays, or the unscheduled DNA synthesis assay in human fibroblasts.
Ivermectin had no adverse effects on the fetus in rats in studies of repeated doses of up to 3 times the maximum recommended human dose of 200 mcg/kg on a weight-by-weight basis.

Pregnancy
Teratogenic Effects
Pregnancy Category C
Ivermectin has been shown to be teratogenic in mice, rats, and rabbits when given in repeated doses of 0.2, 0.1, and 0.5 times the maximum recommended human dose, respectively (on a weight-by-weight basis). Teratogenicity was characterized in these species based on the following criteria: congenital malformations were not observed in offspring. Those developmental effects were found only on or near doses that were not toxic to the pregnant female. Thus, ivermectin does not appear to be an embryofetal toxic to the developing fetus. These are, however, not adequate and well-controlled studies in pregnant women. Ivermectin should not be used during pregnancy unless the potential benefit justifies the potential risk.

Warnings
Ivermectin is contraindicated in horses with a known or suspected infection. Treatment of horses who intend to breed should only be undertaken when the risk of delayed treatment to the mother outweighs the possible risk to the newborn foal.
Podiatric Use
Safety and effectiveness in pediatric patients weighing less than 15 kg have not been established.

Use in Children
Clinical studies of ivermectin did not include sufficient numbers of subjects aged 65 and over to determine whether they responded differently than younger subjects. Other reported clinical experience has not identified differences in responses between the elderly and younger patients. In general, treatment of an elderly patient should be cautious, including the greater frequency of decreased hepatic, renal, or cardiac function, and of concomitant disease or other drug therapy.

Usage in Patients with Hemocytopenia and Thrombocytopenia
In a randomized, controlled, double-blind study, patients being treated for visceral leishmaniasis with ivermectin showed a decrease in hemoglobin and platelet counts compared to placebo. In a study of ivermectin in patients with visceral leishmaniasis, ivermectin was associated with a decrease in hemoglobin and platelet counts compared to placebo. In a study of ivermectin in patients with visceral leishmaniasis, ivermectin was associated with a decrease in hemoglobin and platelet counts compared to placebo. In a study of ivermectin in patients with visceral leishmaniasis, ivermectin was associated with a decrease in hemoglobin and platelet counts compared to placebo.

ADVERSE REACTIONS
Strongyloides
In clinical studies involving a total of 109 patients given either one or two doses of 170 to 200 mcg/kg of ivermectin, the following adverse reactions were reported as possibly, probably, or definitely related to ivermectin therapy as a whole:
Dizziness or vertigo (0.9%), constipation (0.9%), diarrhea (1.8%), nausea (1.8%), sore throat (0.9%), headache (0.9%), rash (0.9%), and oral candidiasis (0.9%).
Other adverse reactions reported in clinical studies included: headache (1.8%), dizziness (1.8%), nausea (1.8%), constipation (0.9%), diarrhea (1.8%), sore throat (0.9%), rash (0.9%), and oral candidiasis (0.9%).

Onchocerciasis
In a clinical study, patients treated with ivermectin experienced more adverse effects than patients treated with placebo. However, ivermectin was better tolerated than placebo in comparative studies involving 37 patients treated with ivermectin.
The most common adverse reactions associated with ivermectin were: headache (1.8%), dizziness (1.8%), nausea (1.8%), constipation (0.9%), diarrhea (1.8%), sore throat (0.9%), rash (0.9%), and oral candidiasis (0.9%).

Laboratory Test Findings
In clinical studies involving 183 patients given either one or two doses of 170 to 200 mcg/kg ivermectin, the following laboratory abnormalities were seen regardless of drug administration: decrease in hemoglobin (1.8%), decrease in platelet count (1.8%), leukopenia and anemia were seen in one patient.

Onchocerciasis
In clinical studies involving 963 adult patients treated with 100 to 200 mcg/kg ivermectin Tablets, the following adverse reactions were reported as possibly, probably, or definitely related to the drug in 2.1% of patients: facial edema (1.2%), peripheral edema (1.2%), cough (1.2%), and tachycardia (1.2%). Other adverse reactions reported in clinical studies included: headache (1.2%), dizziness (1.2%), nausea (1.2%), constipation (0.6%), diarrhea (1.2%), sore throat (0.6%), rash (0.6%), and oral candidiasis (0.6%).

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