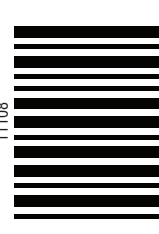
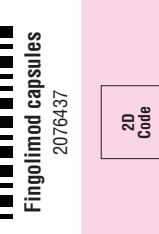


869-2025-09



2076437



2076437

HIGHLIGHTS OF PRESCRIBING INFORMATION

These highlights do not include all the information needed to use FINLOMID CAPSULES safely and effectively. See full prescribing information for FINLOMID CAPSULES.

FINLOMID capsules, for oral use

Initial U.S. Approval: 2010

RECENT MAJOR CHANGES

Warnings and Precautions (5.3, 5.9) 8/2023

INDICATIONS AND USAGE

Finlomid is a sphingosine 1-phosphate receptor modulator indicated for the treatment of relapsing forms of multiple sclerosis (MS), to include clinically isolated syndrome, relapsing-remitting disease, and active secondary progressive disease, in patients 10 years of age and older. (1)

DOSE AND ADMINISTRATION

- Assessments are required prior to initiating finlomid capsules. (2.1)
- Recommended doses for adults and pediatric patients (10 years of age and older) weighing more than 40 kg: 0.5 mg orally once daily, with or without food. (2.2, 2.3)
- First-Dose Monitoring (including reinitiation after discontinuation greater than 14 days and dose increases):
 - Observe all patients for bradycardia for at least 6 hours; monitor pulse and blood pressure hourly. ECGs should be performed at 1, 2, 4, and 6 hours after the first dose. (2.4)
 - Monitor until respiratory heart rate < 45 beats per minute (bpm) in adults, < 55 bpm in patients aged 12 years and above, or < 60 bpm in pediatric patients aged 10 to below 12 years; intervention (AV block, or if lowest postdose heart rate is at the end of the observation period). (2.4)
 - Monitor symptomatic bradycardia with ECG until resolved. Continue overnight if intervention is required; repeat first-dose monitoring for second dose. (2.4)
 - Observe patients overnight if at higher risk of symptomatic bradycardia, heart block, prolonged QTc interval, or if taking drugs with known risk of torsades de pointes. (2.4, 7.1)

DOSE FORMS AND STRENGTHS

0.5 mg hard capsules (3)

CONTRAINDICATIONS

- Recent myocardial infarction, unstable angina, stroke, transient ischemic attack (TIA), decompensated heart failure with hospitalization, or Class III/IV heart failure. (4)
- History of Mobitz Type II 2nd degree AV block or sick sinus syndrome, unless patient has a pacemaker. (4)
- Baseline QTc interval >500 msec. (4)
- Cardiac arrhythmias requiring anti-arrhythmic treatment with Class Ia or Class III anti-arrhythmic drugs. (4)
- Hypersensitivity to finlomid or its excipients. (4)

FULL PRESCRIBING INFORMATION: CONTENTS

- INDICATIONS AND USAGE
- DOSE AND ADMINISTRATION
- DOSE FORMS AND STRENGTHS
- CONTRAINDICATIONS
- WARNINGS AND PRECAUTIONS
- ADVERSE REACTIONS
- DRUG INTERACTIONS
- HOW SUPPLIED/STORAGE AND HANDLING
- PATIENT COUNSELING INFORMATION
- REFERENCES
- DESCRIPTION
- CLINICAL PHARMACOLOGY
- NONCLINICAL TOXICOLOGY
- CLINICAL STUDIES
- HOW SUPPLIED/STORAGE AND HANDLING
- PATIENT COUNSELING INFORMATION

INDICATIONS AND USAGE

Finlomid capsules are indicated for the treatment of relapsing forms of multiple sclerosis (MS), to include clinically isolated syndrome, relapsing-remitting disease, and active secondary progressive disease, in patients 10 years of age and older.

DOSE AND ADMINISTRATION

Assessment Prior to Initiating Finlomid Capsules

Obtain a cardiac evaluation in patients with certain preexisting conditions [see Warnings and Precautions (5.1)]. Prior to starting treatment, determine whether patients are taking drugs that could slow heart rate or affect atrioventricular (AV) conduction [see Dosage and Administration (2.4), Drug Interactions (7.5)].

Complete Blood Count (CBC)

Review results of a CBC [see Warnings and Precautions (5.2), Drug Interactions (7.6)].

Serum Transaminases (ALT and AST) and Total Bilirubin Levels

Prior to starting treatment with finlomid capsules, in patients 10 years of age and older, obtain serum transaminases [alanine transaminase (ALT) and aspartate transferase (AST)] and total bilirubin levels [see Warnings and Precautions (5.3)].

Prior Medications

If patients are taking antiepileptic, immunosuppressive, or immune-modulating therapies, or if there is a history of seizures, obtain a cardiac evaluation in patients with certain preexisting conditions before initiating treatment with finlomid capsules [see Warnings and Precautions (5.2), Drug Interactions (7.4)].

Vaccinations

Test patients for antibodies to varicella zoster virus (VZV) before initiating finlomid capsules; VZV vaccination of antibody-negative patients is recommended prior to commencing treatment with finlomid capsules [see Warnings and Precautions (5.2)]. It is recommended that pediatric patients complete all immunizations in accordance with current immunization guidelines prior to initiating finlomid capsules therapy.

Important Administration Instructions

Patients who initiate finlomid capsules, and those who reinstate treatment after discontinuation for longer than 14 days, require first-dose monitoring. This monitoring is also recommended when the dose is increased in pediatric patients [see Dosage and Administration (2.4)].

Finlomid capsules can be taken with or without food.

Recommended Dose

In adults and pediatric patients 10 years of age and older weighing more than 40 kg, the recommended dose of finlomid capsule is 0.5 mg orally once-daily.

Finlomid doses higher than 0.5 mg are associated with a greater incidence of adverse reactions without additional benefit.

First-Dose Monitoring

Finlomid capsules treatment results in a decrease in heart rate, for which monitoring is recommended [see Warnings and Precautions (5.1), Clinical Pharmacology (12.2)]. Prior to dosing and at the end of the observation period, obtain an electrocardiogram (ECG) in all patients.

First-6-Hour Monitoring

Administer the first dose of finlomid capsules in a setting in which resources to appropriately manage symptomatic bradycardia are available. Monitor all patients for 6 hours after the first dose for signs and symptoms of bradycardia with hourly pulse and blood pressure measurement.

Additional Monitoring After 6-Hour Monitoring

Continue monitoring until the abnormality resolves if any of the following is present (even in the absence of symptoms) after 6 hours:

- the heart rate 6 hours postdose is less than 45 beats per minute (bpm) in adults, less than 55 bpm in pediatric patients 12 years of age and older, or less than 60 bpm in pediatric patients 10 to 11 years of age;
- the heart rate 6 hours postdose is at the lowest value postdose suggesting that the maximum pharmacodynamic effect on the heart may not have occurred;
- the ECG 6 hours postdose shows new second or second degree or higher atrioventricular (AV) block.

If postdose symptomatic bradycardia occurs, initiate appropriate management, begin continuous ECG monitoring, and continue monitoring until the symptoms have resolved if no pharmacological treatment is required. If pharmacological treatment is required, continue monitoring overnight and repeat 6-hour monitoring after the second dose.

Overnight Monitoring

Continuous overnight ECG monitoring in a medical facility should be instituted:

- in patients that require pharmacologic intervention for symptomatic bradycardia. In these patients, the first-dose monitoring strategy should be repeated after the second dose of finlomid capsules;
- in patients with some preexisting heart and cerebrovascular conditions [see Warnings and Precautions (5.1)];
- in patients with a prolonged QTc interval before dosing or during 6-hour observation, or an additional risk for QT prolongation, or on concurrent therapy with QT prolonging drugs with a known risk of torsades de pointes [see Warnings and Precautions (5.1), Drug Interactions (7.1)];
- in patients receiving concurrent therapy with drugs that slow heart rate or AV conduction [see Drug Interactions (7.5)].

Monitoring After Reinitiation of Therapy Following Discontinuation

When restarting finlomid capsules after discontinuation for more than 14 days after the first month of treatment, perform first-dose monitoring, because effects on heart rate and AV conduction may recur on reintroduction of finlomid capsules [see Dosage and Administration (2.4)]. The same precautions (first-dose monitoring) as for initiating dosing are applicable. Within the first 2 weeks of treatment, first-dose procedures are recommended after interruption of 1 day or more; during Weeks 3 and 4 of treatment, first-dose procedures are recommended after treatment interruption of more than 7 days.

DOSE FORMS AND STRENGTHS

Finlomid capsules are available as 0.5 mg bright yellow capsule filled with white to off white powder, imprinted with "H" on each side and black ink and "77" on each side with blue ink, while the body is off white capsule.

CONTRAINDICATIONS

Finlomid capsules are contraindicated in patients who have:

- in the last 6 months experienced myocardial infarction, unstable angina, stroke, transient ischemic attack (TIA), decompensated heart failure requiring hospitalization or Class III/IV heart failure;
- a history or presence of Mobitz Type II second-degree AV block or sick sinus syndrome, unless patient has a functioning pacemaker [see Warnings and Precautions (5.1)];
- a baseline QTc interval >500 msec;
- cardiac arrhythmias requiring anti-arrhythmic treatment with Class Ia or Class III anti-arrhythmic drugs and had a hypersensitivity reaction to finlomid or any of the excipients in finlomid capsules. Observed reactions include rash, urticaria and angioedema upon treatment initiation [see Warnings and Precautions (5.2)].

WARNINGS AND PRECAUTIONS

5.1 Bradycardia and Atrioventricular Blocks

Because of a risk for bradycardia and AV blocks, patients should be monitored during finlomid treatment initiation [see Dosage and Administration (2.4)].

Reduction in Heart Rate

After the first dose of finlomid, the heart rate decrease starts within an hour. On Day 1, the maximum decline in heart rate generally occurs within 6 hours and recovers, although not to baseline levels, by 8 to 10 hours postdose. Because of physiological diurnal variation, there is a second period of heart rate decrease within 24 hours after the first dose. In some patients, heart rate decrease during the second period is more pronounced

5.2 Infections

Finlomid capsules cause a dose-dependent reduction in peripheral lymphocyte count to 20% to 30% of baseline values because of reversible sequestration in lymphoid tissues. Finlomid may therefore increase the risk of infections, some serious in nature [see Clinical Pharmacology (12.2)]. Life-threatening and fatal infections have occurred in association with finlomid.

Before initiating treatment with finlomid, a recent CBC (i.e., within 6 months or after discontinuation of prior therapy) should be available. Consider suspending treatment with finlomid if a patient develops a clinically significant infection, and reassess the benefits and risks prior to reinitiation of therapy. Because the elimination of finlomid after discontinuation may take up to 2 months, continue monitoring for infections throughout this time. Instruct patients receiving finlomid to report symptoms of infections to a physician. Patients with active acute or chronic infections should not start treatment until the infection(s) is resolved.

In MS placebo-controlled trials in adult patients, the overall rate of infections (72% with finlomid was similar to placebo. However, bronchitis, herpes zoster, influenza, sinusitis, and pneumonia were more common in finlomid-treated patients. Serious infections occurred at a rate of 2.3% in the finlomid group versus 1.6% in the placebo group.

In the postmarketing setting, serious infections with opportunistic pathogens including viruses (e.g., John Cunningham virus [JCV], herpes simplex virus 1 and 2, varicella zoster virus), fungi (e.g., cryptococcus), and bacteria (e.g., atypical mycobacteria) have been reported with finlomid. Patients with symptoms and signs consistent with any of these infections should undergo prompt diagnostic evaluation and appropriate treatment.

Herpes Viral Infections

In placebo-controlled trials in adult patients, the rate of herpetic infections was 9% in patients receiving finlomid 0.5 mg and 7% on placebo.

Two patients died of herpetic infections during controlled trials. One death was due to disseminated primary herpes zoster and the other was to herpes simplex encephalitis. In both cases, the patients were taking a 1.25 mg dose of finlomid (higher than the recommended 0.5 mg dose) and had received high-dose corticosteroid therapy to treat suspected MS relapses.

Serious, life-threatening events of disseminated varicella zoster and herpes simplex infections, including cases of encephalitis and multorgan failure, have occurred with finlomid in the postmarketing setting. Include disseminated herpetic infections in the differential diagnosis of patients who are receiving finlomid and present with an atypical MS relapse or multorgan failure.

Cases of Kaposi's Sarcoma

Cases of Kaposi's sarcoma have been reported in the postmarketing setting. Kaposi's sarcoma is an angioproliferative disorder that is associated with infection with human herpes virus 8 (HHV-8). Patients with symptoms or signs consistent with Kaposi's sarcoma should be referred for prompt diagnosis and management.

Cryptococcal Infections

Cryptococcal infections, including cases of fatal cryptococcal meningitis and disseminated cryptococcal infections, have been reported with finlomid in the postmarketing setting. Cryptococcal infections have generally occurred after approximately 2 years of finlomid treatment. The duration and mode of action of these drugs should be considered in the evaluation of the differential diagnosis of patients who are receiving finlomid and present with a cryptococcal infection should undergo prompt diagnostic evaluation and treatment.

Prior and Concomitant Treatment with Antiepileptic, Immunosuppressive, or Immune-Modulating Therapies

In clinical studies, patients who received finlomid did not receive concomitant treatment with antiepileptic, immunosuppressive, or immune-modulating therapies. The relationship between the risk of infection with finlomid with any of these therapies, and also with corticosteroids, would be expected to increase with the risk of immunosuppression [see Drug Interactions (7.4)].

When switching to finlomid from immune-modulating or immunosuppressive medications, consider the duration of their effects and their mode of action to avoid unintended additive immunosuppressive effects.

Varicella Zoster Virus Antibody Testing/Vaccination

Patients without confirmed history of chickenpox or without documentation of a full course of vaccination against VZV should be tested for antibodies to VZV before initiating finlomid. VZV vaccination of antibody-negative patients is recommended prior to commencing treatment with finlomid. Consider the duration of action of treatment with finlomid and the time postposed for 1 month to allow the full effect of vaccination to occur [see Drug Interactions (7.3), Use in Specific Populations (8.4)].

Human Papilloma Virus Infection

Human papilloma virus (HPV) infections, including papilloma, dysplasia, warts, and HPV-related cancer, have been reported in patients treated with finlomid in the postmarketing setting. Vaccination against HPV should be considered for patients with HPV infections. The duration and mode of action of these drugs should be considered in the evaluation of the differential diagnosis of patients who are receiving finlomid and present with HPV infection. Cancer screening, including Papicola virus (Pap) test, is recommended as per standard of care for patients using an immunosuppressive therapy.

5.3 Progressive Multifocal Leukoencephalopathy

Cases of progressive multifocal leukoencephalopathy (PML) have occurred in patients with MS who received finlomid in the postmarketing setting. PML is an opportunistic viral infection of the brain caused by the JC virus (JCV) that typically only occurs in patients who are immunocompromised, and that usually leads to death or severe disability. PML has occurred in patients who had not been treated previously with natalizumab, which has a known association with PML, were not taking any other immunosuppressive or immunomodulatory medications concomitantly, and did not have any ongoing systemic medical conditions resulting in compromised immune system function. The majority of cases have occurred in patients treated with finlomid for at least 2 years. The relationship between the risk of PML and the duration of treatment is unknown.

At the first sign or symptom suggestive of PML, withhold finlomid and perform an appropriate diagnostic evaluation. Typical symptoms associated with PML are diverse, progress over days to weeks, and include progressive weakness on one side of the body or clumsiness of limbs, disturbance of vision, and changes in thinking, energy, and orientation leading to confusion and personality changes.

Magnetic resonance imaging (MRI) findings may be apparent before clinical signs or symptoms. Cases of PML diagnosed based on MRI findings and the detection of JCV DNA in the cerebrospinal fluid in the absence of clinical signs or symptoms specific to PML, have been reported in patients treated with MS medications associated with PML, including finlomid. Many of these patients subsequently became symptomatic with PML. Therefore, monitoring with MRI for signs that may be consistent with PML may be useful, and any suspicious findings should lead to further investigation to allow for an early diagnosis of PML. In present, Lower PML-related mortality over fatality have been reported following discontinuation of another MS medication associated with PML in patients with PML who were initially asymptomatic compared to patients with PML who had characteristic clinical signs and symptoms at diagnosis. It is not known whether these differences are due to early detection and discontinuation of treatment or to differences in disease phenotype patterns.

If PML is confirmed, treatment with finlomid should be discontinued. Immune reconstitution inflammatory syndrome (IRIS) has been reported in patients treated with S1P receptor modulators, including finlomid, who developed PML and subsequently discontinued treatment. IRIS presents as a clinical decline in the patient's condition that may be rapid, can lead to serious neurological complications or death, and often associates with a relapse of PML. The association between IRIS and PML in patients with PML was generally within a few months after S1P receptor modulator discontinuation. Monitoring for development of IRIS and appropriate treatment of the associated inflammation should be undertaken.

5.4 Macular Edema

Finlomid increases the risk of macular edema. Perform an examination of the fundus, including the macula in patients before starting treatment, again 3 to 4 months after starting treatment, and again at any time after a patient reports visual disturbances while on finlomid therapy.

A dose-dependent increase in the risk of macular edema occurred in the finlomid clinical development program. In 2-year double-blind, placebo-controlled studies in adult patients with multiple sclerosis, macular edema with or without visual symptoms occurred in 1.5% of patients (11/739) treated with finlomid 1.25 mg, 0.5% of patients (4/783) treated with finlomid 0.5 mg, and 0.4% of patients (3/773) treated with placebo. Macular edema occurred predominantly during the first 3 to 4 months of therapy. These clinical trials excluded patients with diabetes mellitus, a known risk factor for macular edema (see below Macular Edema in Patients with History of Diabetes or Diabetes Mellitus). The majority of macular edema included blurring of vision and decreased visual function. Ophthalmological examination detected macular edema in some patients with no visual symptoms. Macular edema generally partially or completely resolved with or without treatment after drug discontinuation. Some patients had residual visual acuity loss after resolution of macular edema. Macular edema has also been reported in patients taking finlomid in the postmarketing setting, usually within the first 6 months of treatment. Continuation of finlomid in patients who develop macular edema has not been evaluated. A decision on whether or not to discontinue finlomid therapy should include an assessment of the potential benefits and risks for the individual patient. The duration of the disability has not been evaluated.

Macular Edema in Patients with History of Diabetes or Diabetes Mellitus

Patients with a history of events and patients with diabetes mellitus are at increased risk of macular edema during finlomid therapy. The incidence of macular edema is also increased in MS patients with a history of events. In the combined clinical trial experience in adult patients with all doses of finlomid, the rate of macular edema was approximately 20% in MS patients with a history of events versus 0.6% in those without a history of events. Finlomid has not been tested in MS patients with diabetes mellitus. In addition to the examination of the fundus, including the macula prior to treatment and at 3 to 4 months after starting treatment, MS patients with diabetes mellitus should be monitored for events should have regular follow-up examinations.

5.5 Liver Injury

Clinically significant liver injury has occurred in patients treated with finlomid in the postmarketing setting. Signs of liver injury, including markedly elevated serum hepatic enzymes and elevated total bilirubin, have occurred as early as days after the first dose and have also been reported after prolonged use. Cases of acute liver failure requiring liver transplant have been reported.

In 2-year placebo-controlled clinical trials in adult patients, elevation of liver enzymes (ALT, AST, and GGT) to 3-fold the upper limit of normal (ULN) or greater occurred in 14% of patients treated with finlomid 0.5 mg and 3% of patients on placebo. Elevation 5-fold the ULN or greater occurred in 4.5% of patients on finlomid and 1% of patients on placebo. The majority of elevations occurred within 12 to 18 months after starting treatment. Finlomid was discontinued if the elevation exceeded 5 times the ULN. Serum transaminase levels returned to normal within approximately 2 months after discontinuation of finlomid. Recurrence of liver transaminase elevations occurred with rechallenge in some patients.

Prior to starting treatment with finlomid (within 6 months), obtain serum transaminases (ALT and AST) and total bilirubin levels. Obtain transaminase levels and total bilirubin levels periodically until two months after finlomid discontinuation.

Patients should be monitored for signs and symptoms of any hepatic injury. Measure liver transaminase and total bilirubin levels promptly in patients who may indicate liver injury, including new or worsening fatigue, anorexia, right upper abdominal discomfort, dark urine, or jaundice. In this clinical context, if the patient is found to have an alanine aminotransferase (ALT) greater than three times the reference range with or without symptoms, or a total bilirubin level greater than 2 times the reference range, treatment with finlomid should be discontinued. Treatment should not be resumed if a plausible alternative etiology for the signs and symptoms cannot be established, because these patients are at risk for severe drug-induced liver injury.

Because finlomid exposure is doubled in patients with severe hepatic impairment, these patients should be closely monitored, as the risk of adverse reactions is greater [see Use in Specific Populations (8.6), Clinical Pharmacology (12.3)].

5.6 Posterior Reversible Encephalopathy Syndrome

There have been rare cases of posterior reversible encephalopathy syndrome (PRES) reported in adult patients receiving finlomid. Symptoms reported included sudden onset of severe headache, altered mental status, visual symptoms, and vomiting. Symptoms of PRES have been reported in patients receiving finlomid with or without cerebral hemorrhage. Delay in diagnosis and treatment may lead to permanent neurological sequelae. If PRES is suspected, finlomid should be discontinued.

5.7 Respiratory Effects

Dose-dependent reductions in forced expiratory volume over 1 second (FEV1) and diffusion lung capacity for carbon dioxide (DLCO) were observed in patients treated with finlomid in early 1 month after treatment initiation. In 2-year placebo-controlled trials in adult patients, the reduction from baseline in the percent of predicted values for FEV1 at the time of last assessment on drug was 2.8% for finlomid 0.5 mg and 1.0% for placebo. For DLCO, the reduction from baseline in percent of predicted values at the time of last assessment on drug was 3.3% for finlomid 0.5 mg and 0.5% for placebo. The changes in FEV1 appear to be reversible after treatment discontinuation. There is insufficient information to determine the reversibility of the decrease in DLCO. DLCO should be monitored in patients with a history of events or in patients with a history of events. Spirometric evaluation of respiratory function and evaluation of DLCO should be performed during therapy with finlomid if clinically indicated.

5.8 Fetal Risk

Based on findings from animal studies, finlomid may cause fetal harm when administered to a pregnant woman. In animal reproduction studies conducted in rats and rabbits, developmental toxicity was observed with finlomid. In pregnant women, the risk of fetal harm is unknown. The relationship between the risk of fetal harm and females of reproductive potential of the contact is not clear. Because it takes approximately 2 months to eliminate finlomid from the body, advise females of reproductive potential to use effective contraception to avoid pregnancy during and for 2 months after stopping finlomid treatment [see Use in Specific Populations (8.1, 8.3)].

5.9 Severe Increase in Disability After Stopping Finlomid

Severe increase in disability accompanied by multiple new lesions on MRI has been reported after discontinuation of finlomid in the postmarketing setting. Patients in 24 weeks of these reported cases did not return to the functional status they had before stopping finlomid. The increase in disability generally occurred within 12 weeks after stopping finlomid, but was reported up to 2 months after finlomid discontinuation.

Monitor patients for development of severe increase in disability following discontinuation of finlomid and begin appropriate treatment as needed. [After stopping finlomid in the setting of PML, monitor for development of immune reconstitution inflammatory syndrome (IRIS)] [see Warnings and Precautions (5.3)].

5.10 Tumorletic Multiple Sclerosis

MS relapses resembling tumorletic lesions on imaging have been observed during finlomid therapy and after finlomid discontinuation in the postmarketing setting. Most reported cases of tumorletic MS in patients receiving finlomid have occurred within the first 9 months after finlomid initiation, but tumorletic MS may occur at any point during treatment. Cases of tumorletic MS have also been reported within the first 4 months after finlomid discontinuation. Tumorletic MS should be considered when a severe MS relapse occurs during finlomid treatment, especially during initiation, or after discontinuation of finlomid, prompting further evaluation and initiation of appropriate treatment.

5.11 Increased Blood Pressure

In 2-year controlled clinical trials, patients treated with finlomid 0.5 mg had an average increase over placebo of approximately 3 mmHg in systolic pressure, and approximately 2 mmHg in diastolic pressure, first detected after approximately 1 month of treatment initiation, and persisting with continued treatment. Hypertension was reported in 6% of patients on finlomid 0.5 mg and 4% of patients on placebo. Blood pressure (BP) should be monitored during treatment with finlomid.

5.12 Malignancies

Cutaneous Malignancies The risk of basal cell carcinoma (BCC) and melanoma is increased in patients treated with finlomid. In 2-year placebo-controlled trials in adult patients, the incidence of BCC was 2% in patients on finlomid 0.5 mg and 1% in patients on placebo [see Adverse Reactions (6.1)]. Melanoma, squamous cell carcinoma and Merkel cell carcinoma have been reported with finlomid in the postmarketing setting. Periodic skin examination is recommended for all patients, particularly those with risk factors for skin cancer. Skin problems and patients are advised to monitor for suspicious skin lesions. If a suspicious skin lesion is observed, it should be promptly evaluated. As usual for patients with increased risk for skin cancer, exposure to sunlight and ultraviolet light should be limited by wearing protective clothing and using a sunscreen with a high protection factor.

Lymphoma

Cases of lymphoma, including both T-cell and B-cell types and CNS lymphoma, have occurred in patients receiving finlomid. The reporting rate of non-Hodgkin lymphoma with finlomid is greater than that expected in the general population adjusted by age, gender, and region. Cutaneous T-cell lymphoma (including mycosis fungoides) has also been reported with finlomid in the postmarketing setting.

5.13 Immune System Effects Following Finlomid Discontinuation

Immune system effects in the blood and has pharmacodynamic effects, including decreased lymphocyte counts. Finlomid remains in the blood and has pharmacodynamic effects. Lymphocyte counts generally return to the normal range within 1 to 2 months of stopping therapy [see Clinical Pharmacology (12.2)]. Because of the continuing pharmacodynamic effects of finlomid, initiating other drugs during this period warrants the same considerations as for concomitant administration (e.g., risk of additive immunosuppressive effects) [see Drug Interactions (7.4)].

5.14 Hypersensitivity Reactions

Hypersensitivity reactions, including rash, urticaria, and angioedema have been reported with finlomid in the postmarketing setting. Finlomid is contraindicated in patients with history of hypersensitivity to finlomid or any of its excipients [see Contraindications (4)].

6 ADVERSE REACTIONS

The following serious adverse reactions are described elsewhere in labeling:

- Bradycardia and Atrioventricular Blocks [see Warnings and Precautions (5.1)]
- Contraindications [see Warnings and Precautions (5.2)]
- Progressive Multifocal Leukoencephalopathy [see Warnings and Precautions (5.3)]
- Macular Edema [see Warnings and Precautions (5.4)]
- Liver Injury [see Warnings and Precautions (5.5)]
- Posterior Reversible Encephalopathy Syndrome [see Warnings and Precautions (5.6)]
- Respiratory Effects [see Warnings and Precautions (5.7)]
- Fetal Risk [see Warnings and Precautions (5.8)]
- Severe Increase in Disability After Stopping Finlomid [see Warnings and Precautions (5.9)]
- Increased Blood Pressure [see Warnings and Precautions (5.11)]
- Malignancies [see Warnings and Precautions (5.12)]
- Immune System Effects Following Finlomid Discontinuation [see Warnings and Precautions (5.13)]
- Hypersensitivity Reactions [see Warnings and Precautions (5.14)]

6.1 Clinical Trials Experience

Because clinical trials are conducted under widely varying conditions, adverse reaction rates observed in the clinical trials of a drug cannot be directly compared to rates in the clinical trials of another drug and may not reflect the rates observed in practice.

Adults

In clinical trials (Studies 1, 2, and 3), a total of 1212 patients with relapsing forms of multiple sclerosis received finlomid 0.5 mg. This included 783 patients who received finlomid 0.5 mg in the 1-year placebo-controlled trial (Study 1) and 31 and 429 patients who received finlomid 0.5 mg in the 1-year active-controlled trial (Study 2). The overall exposure in the controlled trials was equivalent to 1716 person-years. Approximately 1000 patients received at least 2 years of treatment with finlomid capsules 0.5 mg. In all clinical studies, including uncontrolled extension studies, the exposure to finlomid 0.5 mg was approximately 4119 person-years.

In placebo-controlled trials, the most frequent adverse reactions (incidence >10% and greater than placebo) for finlomid 0.5 mg were headache, liver transaminase elevation, diarrhea, cough, influenza, sinusitis, back pain, abdominal pain, and pain in extremity. Adverse events that led to treatment discontinuation and occurred in more than 1% of patients taking finlomid 0.5 mg, were serum transaminase elevations (4.7% compared to 1% on placebo) and basal cell carcinoma (1% compared to 0.5% on placebo).

Table 1 lists adverse reactions in clinical studies in adults that occurred in >1% of finlomid-treated patients and >1% higher rate than for placebo.

Table 1: Adverse Reactions Reported in Adult Studies 1 and 2 (Occurring in ≥1% of Patients and Reported for Finlomid 0.5 mg at ≥1% Higher Rate than for Placebo)

Adverse drug reactions	Finlomid 0.5 mg N=783 %	Placebo N=73 %
Infections		
Influenza	11	8
Sinusitis	11	8
Bronchitis	8	5
Herpes zoster	2	1
T		

