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Patient Information Methotrexate Tablets, USP (meth" oh trex' ate)
<p>What is the most important information I should know about methotrexate tablets? Methotrexate tablets can cause serious side effects that may be severe and lead to death, including: Harm to an unborn baby, including birth defects or death of an unborn baby. Females who can become pregnant:</p> <ul style="list-style-type: none">Your healthcare provider should do a pregnancy test before you start taking methotrexate tablets to see if you are pregnant.<ul style="list-style-type: none">If you are being treated for a medical condition other than cancer, do not take methotrexate tablets if you are pregnant. See "Who should not take methotrexate tablets?"If you are taking methotrexate tablets to treat your cancer, you and your healthcare provider will decide if you will take methotrexate tablets if you are pregnant.Use effective birth control (contraception) during treatment and for 6 months after your final dose of methotrexate tablets. Ask your healthcare provider what forms of birth control you can use during this time. <p>Tell your healthcare provider right away if you become pregnant or think you are pregnant during treatment with methotrexate tablets.</p> <p>Males with female partners who are able to become pregnant:</p> <ul style="list-style-type: none">Use effective birth control during treatment and for 3 months after your final dose of methotrexate tablets. <p>Tell your healthcare provider right away if your female partner becomes pregnant during treatment with methotrexate tablets.</p> <p>Severe allergic reactions. Severe allergic reactions can happen with methotrexate tablets. Signs and symptoms of a severe allergic reaction may include:</p> <ul style="list-style-type: none">skin rash, itching and hivesswelling of the face, lips, tongue, or throatdizzinesstrouble breathingwheezingfast heart ratefeeling faintstomach-area painvomiting or diarrhea <p>Do not take methotrexate tablets if you have had a severe allergic reaction to methotrexate in the past.</p> <p>Get medical help right away if you develop any of the signs or symptoms of a severe allergic reaction listed above.</p> <p>Decreased blood cell counts. Methotrexate tablets can affect your bone marrow and cause decreases in red blood counts, white blood cell counts, and platelets that can be severe and life-threatening.</p> <ul style="list-style-type: none">Your healthcare provider will check your blood cell counts when you start and during treatment with methotrexate tablets. <p>Call your healthcare provider right away if you develop any of the following:</p> <ul style="list-style-type: none">a new feversymptoms of infectionEasy bruising or bleeding that will not stop (persistent bleeding) <p>Severe stomach and intestine problems (gastrointestinal) problems.</p> <ul style="list-style-type: none">Diarrhea, vomiting, nausea, and mouth sores can happen in people who take methotrexate tablets.Inflammation of the intestine with severe bleeding and a tear in the intestinal wall (perforation) have happened with methotrexate tablets and cause death.People who have stomach ulcers (peptic ulcer disease) or ulcerative colitis (UC) have a greater risk of developing severe stomach or intestine problems with methotrexate tablets. <p>Tell your healthcare provider if you develop new or worsening diarrhea, vomiting, or mouth sores during treatment with methotrexate tablets.</p> <p>Tell your healthcare provider right away if you develop high fever, shaking chills (rigors), pain in your stomach-area (abdomen) that will not go away or is severe, severe constipation, if you are vomiting blood or have blood in your stools.</p> <p>Liver problems. Methotrexate tablets can cause severe liver problems including liver scarring (fibrosis), cirrhosis, and liver failure that may not get better (possibly irreversible) and can cause death.</p> <ul style="list-style-type: none">In people with psoriasis who take methotrexate tablets, liver fibrosis or cirrhosis may happen without any symptoms or abnormal liver tests. The risk for liver problems in people with psoriasis increases as with the amount of methotrexate tablets that you take over time.Your healthcare provider will do tests to monitor your liver function before you start and during treatment with methotrexate tablets. <p>Tell your healthcare provider if you have any signs or symptoms</p>

of liver problems during treatment with methotrexate tablets, including:

- tiredness
- easy bleeding or bruising
- loss of appetite
- nausea
- difficulty thinking clearly
- swelling in your legs, feet or ankles
- weight loss
- itchy skin
- yellowing of your skin or the white part of your eyes
- weakness

Lung problems. Lung problems can happen suddenly (acute) with methotrexate tablets or they can develop over a long period-of-time (chronic). Lung problems may not get better (possibly irreversible) and can cause death.

Tell your healthcare provider if you have any new or worsening symptoms including: cough (especially a dry cough), fever, or trouble breathing.

Severe skin reactions. Severe skin reactions can happen with methotrexate tablets and can lead to death.

- In people with psoriasis:** Your psoriasis may get worse if you are exposed to sunlight or other types of ultraviolet light.
- Methotrexate tablets can cause reactivation of skin reactions that can happen after radiation therapy (radiation recall dermatitis) and cause sunburn to come back (photodermatitis).

Limit sunlight exposure during treatment with methotrexate tablets. Use sunscreen and wear protective clothing when you will be exposed to sunlight during treatment with methotrexate tablets.

Tell your healthcare provider right away about any new or worsening skin rash during treatment with methotrexate tablets.

Kidney problems. Kidney problems can happen with methotrexate tablets, including kidney failure which can happen suddenly (acute) and may not go away (irreversible).

Your healthcare provider will check your kidney function before you start and during treatment with methotrexate tablets.

Tell your healthcare provider right away if you have any signs or symptoms of kidney problems, including:

- a big change (either increase or decrease) in the amount of urine you produce
- swelling in your legs, ankles or feet
- shortness of breath
- tiredness
- weight gain

See "What are the possible side effects of methotrexate tablets" for more information about side effects.

What are methotrexate tablets?

Methotrexate tablets are a prescription medicine used:

- in combination with other chemotherapy medicines in adults and children, for maintenance treatment of acute lymphoblastic leukemia (ALL)
- to treat adults with mycosis fungoides (cutaneous T-cell lymphoma)
- in combination with other therapies to treat adults with non-Hodgkin lymphoma that has come back (relapsed) or did not respond to previous treatment (refractory)
- to treat adults with rheumatoid arthritis
- to treat children with polyarticular juvenile idiopathic arthritis (pJIA)
- to treat adults with severe psoriasis

It is not known if methotrexate tablets are safe and effective in treating children with any disease other than ALL as part of a combination regimen used for maintenance therapy of their cancer, and for the treatment of pJIA.

It is not known if methotrexate tablets are safe in people with liver problems.

Do not take methotrexate tablets if you:

- are pregnant and are being treated or will be treated with methotrexate tablets for rheumatoid arthritis, pJIA, or severe psoriasis or for any disease other than cancer). Methotrexate tablets can cause harm to an unborn baby, including birth defects or death of an unborn baby. See "What is the most important information I should know about methotrexate tablets?"
- have or had a severe allergic reaction to methotrexate in the past. See "What is the most important information I should know about methotrexate tablets?" See the end of this leaflet for a complete list of ingredients in methotrexate tablets.

Before taking methotrexate tablets tell your healthcare provider about all of your medical conditions, including if you:

- have problems swallowing tablets
- have kidney problems or are receiving dialysis treatments
- have liver problems
- drink alcohol-containing beverages and, during treatment with methotrexate tablets, if there are any changes in the amount of alcoholic beverages you drink
- have fluid in your stomach-area (ascites)
- have lung problems or fluid in your lungs (pleural effusion)
- plan to have any surgeries with general anesthesia, including

- dental surgery
- have stomach ulcers (peptic ulcer disease)
- have ulcerative colitis
- have recently received or are scheduled to receive a vaccine. You should not receive live vaccines during treatment with methotrexate tablets.
- are breastfeeding or plan to breastfeed. Methotrexate may pass into your breast milk. Do not breastfeed during treatment and for 1 week after your last dose of methotrexate tablets.

Tell your healthcare provider about all the medicines you take, including prescription and over-the-counter medicines, vitamins and herbal supplements. Methotrexate tablets and certain other medicines can affect each other and cause serious side effects. Do not start or change any medicines unless you have talked to your doctor and your doctor has told you it is safe. Know all the medicines that you take and keep a list of them with you at all times to show doctors and pharmacists.

How should I take methotrexate tablets?

- Take methotrexate tablets exactly as prescribed by your healthcare provider.** Your dose of methotrexate tablets and when you take them will depend on the condition that is being treated.
 - Do not** take more methotrexate tablets than prescribed. Do not change your dose of methotrexate tablets unless your healthcare provider tells you to.
 - Taking more methotrexate tablets than prescribed or taking methotrexate tablets more often than prescribed, can lead to severe side effects and cause death.**
 - If you take too many methotrexate tablets call your healthcare provider or go to your nearest hospital emergency room right way. You will need to receive a medicine as soon as possible to help reduce side effects that could be severe and could cause death.**
 - If you miss taking a dose of methotrexate tablets, call your healthcare provider for instructions about when to take your next dose of methotrexate tablets.**

If you are taking methotrexate tablets for treatment of severe psoriasis, rheumatoid arthritis, or polyarticular juvenile idiopathic arthritis:

- Take your methotrexate tablets dose 1 time each week, not every day. Severe side effects and death have happened in people who mistakenly have taken methotrexate tablets every day instead of 1 time each week.**
- Take a folic acid or folinic acid supplement every day during treatment with methotrexate tablets,** as instructed by your healthcare provider, to help reduce the chance of developing certain side effects, such as mouth sores.

If you are taking methotrexate tablets to treat your cancer:

- Follow your healthcare provider's instructions about how many methotrexate tablets to take and when to take them.**
- Do not take folic acid or folinic acid** during treatment with methotrexate tablets unless your healthcare provider tells you to. Taking folic acid or folinic acid with methotrexate tablets may make your methotrexate tablet treatment less effective.

What are the possible side effects of methotrexate tablets?

Methotrexate tablets can cause serious side effects that may be severe and lead to death including:

- See "What is the most important information I should know about methotrexate tablets?"
- Serious infections.** People who take methotrexate tablets have an increased risk of developing infections that can be life-threatening or cause death. These infections may include: bacterial, fungal, or viral infections, including *Pneumocystis jiroveci* pneumonia, invasive fungal infections, hepatitis B infection that comes back (reactivation), tuberculosis infection that may be new or reactivation, and *Herpes zoster* or cytomegalovirus (CMV) that spreads throughout the body (disseminated).
Tell your healthcare provider right away if you develop a new fever or if you have any symptoms of infection during treatment with methotrexate tablets.
- Brain and spinal cord (nervous system) problems.** Methotrexate tablets can cause nervous system problems that can be severe and last for a short time or last for a long time. These nervous system problems can get progressively worse, may not get better (irreversible), and can cause death. The risk for a certain nervous system problem called leukoencephalopathy is increased in people who have had radiation treatment to their head (cranial radiation) in the past.
Tell your healthcare provider about any new nervous system symptoms that you develop during treatment with methotrexate tablets.
- Secondary cancers.** Secondary (new) cancers can happen in people who take methotrexate tablets.
 - In people with psoriasis, the risk of new skin cancers is increased with methotrexate tablets and further increased if you

take the medicine cyclosporine after receiving treatment with methotrexate tablets.

- Certain blood cancers can happen during treatment with methotrexate tablets. In some cases, these blood cancers may completely go away (regress completely) after methotrexate tablets are stopped.
- Tumor lysis syndrome (TLS).** TLS is caused by the fast breakdown of cancer cells. TLS can cause kidney failure and the need for dialysis treatment, abnormal heart rhythm, seizure, and sometimes death. Your healthcare provider may do blood tests to check you for TLS if you are receiving methotrexate tablets as a cancer treatment.
- Possible fertility problems (infertility) in males and females.** Methotrexate tablets can cause fertility problems in males and females, and can cause sperm production to stop in males, and menstrual problems in females. Males may not be able to father a child. Females may not be able to become pregnant. It is not known if your fertility may return. Talk with your healthcare provider about your risk for infertility if this is a concern for you.

The most common side effects of methotrexate tablets include:

- mouth sores
- low white blood cells. See "What is the most important information I should know about methotrexate tablets?"
- nausea, upset stomach

These are not all the side effects of methotrexate tablets Ask your healthcare provider or pharmacist for more information.

Call your doctor for medical advice about side effects. You may report side effects to FDA at 1-800- FDA-1088.

How should I store methotrexate tablets?

- Store methotrexate tablets at 20° to 25°C (68° to 77°F).
- Keep methotrexate tablets away from light.

Keep methotrexate tablets and all medicines out of the reach of children.

General information about the safe and effective use of methotrexate tablets.

Medicines are sometimes prescribed for purposes other than those listed in a Patient Information leaflet. Do not use methotrexate tablets for a condition for which they were not prescribed. Do not give methotrexate tablets to other people, even if they have the same symptoms that you have. They may harm them. This leaflet summarizes the most important information about methotrexate tablets. If you would like more information, talk with your healthcare provider. You can ask your pharmacist or healthcare provider for information about methotrexate tablets that is written for healthcare professionals.

What are the ingredients in methotrexate tablets?

Active Ingredient: methotrexate

Inactive Ingredients: colloidal silicon dioxide, FD&C Red No. 40 Aluminum Lake, lactose monohydrate, magnesium stearate, microcrystalline cellulose, pregelatinized starch (corn), sodium carbonate (monohydrate), sodium lauryl sulfate and sodium starch glycolate (potato).

Manufactured for: Mylan Pharmaceuticals Inc., Morgantown, WV 26505 U.S.A.

For additional information contact Mylan at 1-877-446-3679 (1-877-4-INFO-RX).

This Patient Information has been approved by the U.S. Food and Drug Administration.



Mylan Pharmaceuticals Inc.
Morgantown, WV 26505 U.S.A.

Revised: 6/2021
MTX:R21pt/PL:MTX:R4pt