# **Possible Side Effects of Mercaptopurine PO, Methotrexate PO, Dexamethasone, Vincristine, Nelarabine** (Table Version Date: August 8, 2023)

| **COMMON, SOME MAY BE SERIOUS**In 100 people receiving Mercaptopurine PO, Methotrexate PO, Dexamethasone, Vincristine, Nelarabine, more than 20 and up to 100 may have: |
| --- |
| * High blood pressure which may cause headaches, dizziness, blurred vision
* Infection, including pneumonia, especially when white blood cell count is low
* Anemia which may cause tiredness, or may require transfusion
* Bruising, bleeding
* Diabetes
* Swelling of the body, tiredness, bruising
* In children and adolescents: decreased height
* Cough, shortness of breath
* Constipation, which may be severe, as a result of bowel blockage
* Loss of appetite, nausea, vomiting, diarrhea, pain in belly, heartburn
* Increased appetite and weight gain in the belly, face, back and shoulders
* Loss of bone tissue
* Damage to the bone which may cause joint pain, loss of motion, or broken bones
* Headache, jaw pain and/or bone/muscle pain
* Numbness and tingling of the skin, arms, legs, fingers, and/or toes
* Muscle weakness or spasms and difficulty walking
* Difficulty sleeping
* Restlessness, worry, depression
* Fatigue
* Mood swings
* Increased risk of sunburn
* Pain or redness at the site of injection
* Rash
* Skin changes, hair loss, acne
 |

| **OCCASIONAL, SOME MAY BE SERIOUS**In 100 people receiving Mercaptopurine PO, Methotrexate PO, Dexamethasone, Vincristine, Nelarabine, from 4 to 20 may have: |
| --- |
| * Heart failure, which may cause shortness of breath, swelling of ankles, cough, or tiredness
* Abnormal heartbeat
* Fluid around heart
* Low blood pressure, which may cause feeling faint
* Blood clot, possibly in the brain or lung,which may cause swelling, pain, shortness of breath
* Weakness on one or both sides of the body
* Seizure
* Abnormal body movement
* Swelling that may be accompanied by confusion and dizziness
* Paralysis
* Low blood oxygen, which may cause shortness of breath, headache, confusion, or restlessness
* Internal bleeding which may cause belly pain, black tarry stool, blood in vomit
* Blood in urine
* Hepatitis or damage to the liver which may cause pain, bleeding, confusion, yellowing of eyes and skin
* Kidney damage which may require dialysis
* A tear or hole in the bowels which may cause belly pain or that may require surgery
* Blurred vision or other visual changes, possibly including temporary blindness
* Swelling and redness of the whites of the eye
* Glaucoma
* Drooping eyelids, abnormal eye movement
* Sores in mouth which may cause difficulty swallowing
* Difficulty with balance and hearing
* Trouble with memory
* Difficulty talking
* Difficulty emptying the bladder or urinating, excessive, frequent, or painful urination
* Non-healing wound
* Change in weight
* Menstrual changes
* Flu-like symptoms, including fever, chills, body aches, muscle pain, tiredness
* Hoarseness, sore throat
* Dehydration
* Pain
 |

| **RARE, AND SERIOUS**In 100 people receiving Mercaptopurine PO, Methotrexate PO, Dexamethasone, Vincristine, Nelarabine, 3 or fewer may have: |
| --- |
| * Allergic reaction which may cause rash, low blood pressure, wheezing, shortness of breath, swelling of the face or throat
* Coma
* Damage to the pancreas causing belly pain
* Bleeding from sores in the stomach
* A new cancer resulting from treatment
* Stevens Johnson syndrome which may cause severe skin rash with blisters and peeling which can involve mouth and other parts of the body
* Damage to the muscles which may cause muscle pain, dark red urine
 |