# Possible Side Effects of Cyclophosphamide, Doxorubicin, Vincristine, and Prednisone (CHOP)

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| **COMMON, SOME MAY BE SERIOUS** In 100 people receiving Cyclophosphamide, Doxorubicin, Vincristine, and Prednisone (CHOP)  more than 20 and up to 100 may have: |
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| * High blood pressure which may cause headaches, dizziness, blurred vision * Infection, possibly in the blood, especially when white blood cell count is low * Anemia which may cause tiredness, or may require transfusion * Bruising, bleeding * Blood in urine * In children and adolescents: decreased height * Loss of bone tissue * Increased appetite and weight gain in the belly, face, back, and shoulders * Nausea, vomiting, diarrhea, loss of appetite, pain in belly * Constipation, which may be severe, as a result of a bowel blockage * Sores in mouth or throat which may cause difficulty swallowing * Absence of menstrual period or early menopause which may decrease the ability to have children * Muscle weakness and difficulty walking * Numbness and tingling of fingers or toes * Headache, jaw pain and/or muscle pain * Swelling of the body, tiredness, bruising * Difficulty sleeping * Mood swings * Swelling and redness at the site of the medication injection or area of previous radiation * Red colored urine, saliva, or sweat * Hair loss, skin changes, rash, change in nails |

| **OCCASIONAL, SOME MAY BE SERIOUS** In 100 people receiving Cyclophosphamide, Doxorubicin, Vincristine, and Prednisone (CHOP)  from 4 to 20 may have: |
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| * Heart failure or heart attack which may cause shortness of breath, swelling of ankles, cough or tiredness which may occur years after the dose * Abnormal heartbeat * Blood clot which may cause swelling, pain, shortness of breath * Fluid around the heart * Low blood pressure which may cause feeling faint * Damage to the lungs or scarring of the lungs which may cause shortness of breath * Diabetes * Kidney damage which may cause swelling, may require dialysis * Heartburn * A tear or a hole in the bowels which may cause belly pain or that may require surgery * Difficulty emptying the bladder or urinating, excessive, frequent, or painful urination * Swelling of the body including the brain which may cause dizziness, confusion * Paralysis * Damage to the bone marrow (irreversible) which may cause infection, bleeding, may require transfusions * Damage, loss, or absence of sperm which may lead to an inability to father children * Dehydration * Allergic reaction which may cause rash, low blood pressure, wheezing, shortness of breath, swelling of the face or throat * Damage to the bone which may cause joint pain and loss of motion * Cloudiness of the eye, visual disturbances, blurred vision * Glaucoma * Difficulty with balance and hearing * Non-healing wound * Weight loss * Darkening of the gums * Drooping eyelids, abnormal eye movement * Hoarseness |

| **RARE, AND SERIOUS** In 100 people receiving Cyclophosphamide, Doxorubicin, Vincristine, and Prednisone (CHOP)  3 or fewer may have: |
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| * Sinusoidal obstructive syndrome (SOS) which may cause damage to the liver, yellowing of eyes and skin, and swelling * Seizure * Coma * Bleeding from sores in the stomach * Visual loss with a chance of blindness * A new cancer (including leukemia) resulting from treatment * Broken bones * Stevens-Johnson syndrome which may cause severe skin rash with blisters and peeling which can involve mouth and other parts of the body |