# Possible Side Effects of Bleomycin, Etoposide, Doxorubicin, Cyclophosphamide, Vincristine, Procarbazine, and Prednisone (BEACOPP) (Table Version Date: March 21, 2022)

| **COMMON, SOME MAY BE SERIOUS**In 100 people receiving Bleomycin, Etoposide, Doxorubicin, Cyclophosphamide, Vincristine, Procarbazine, and Prednisone (BEACOPP), more than 20 and up to 100 may have: |
| --- |
| * High blood pressure which may cause headaches, dizziness, blurred vision
* Swelling of the body, including the brain, which may cause dizziness, confusion
* Infection, possibly in the blood, especially when white blood cell count is low
* Bruising, bleeding
* Anemia which may cause tiredness, or may require blood transfusions
* Blood in urine
* Sores in mouth or throat which may cause difficulty swallowing
* Nausea, vomiting, diarrhea, decreased appetite, pain in the belly
* Constipation, which may be severe, as a result of a bowel blockage
* Absence of menstrual period which may decrease the ability to have children, early menopause
* Headache, jaw pain, joint pain, and/or bone/muscle pain
* Loss of bone tissue
* Numbness, pain, and tingling of the upper body, arms, legs, fingers and/or toes
* Muscle weakness and difficulty walking
* In children and adolescents: decreased height
* Difficulty sleeping
* Mood swings
* Increased appetite and weight gain in the belly, face, back and shoulders
* Fever, chills (occurring within 3-6 hours after administration)
* Changes in skin or skin color, including darkening or thickening of skin, dark stripes on skin, skin rash or colored bumps on finger tips, palms, or elbows and toes, swelling of fingers, skin redness or tenderness, itching, or acne
* Changes to the nails
* Swelling, pain, and redness at the site of the medication injection or area of previous radiation
* Red colored urine, saliva, or sweat
* Hair loss
 |

| **OCCASIONAL, SOME MAY BE SERIOUS**In 100 people receiving Bleomycin, Etoposide, Doxorubicin, Cyclophosphamide, Vincristine, Procarbazine, and Prednisone (BEACOPP), from 4 to 20 may have: |
| --- |
| * 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 or irregular heartbeat
* Fluid around the heart
* Low blood pressure which may cause feeling faint, tiredness
* Paralysis
* Damage to the lungs which may cause shortness of breath when combined with radiation
* Scarring of the lungs which may cause shortness of breath
* Blood clot which may cause swelling, pain, shortness of breath
* Damage to the bone marrow (irreversible) which may cause infection, bleeding, may require transfusions
* Diabetes
* Kidney damage which may require dialysis
* Blood in urine
* Cloudiness of the eye, visual disturbances, blurred vision
* Glaucoma
* A tear or a hole in the bowels which may cause belly pain or that may require surgery
* Allergic reaction which may cause rash, low blood pressure, wheezing, shortness of breath, swelling of the face or throat
* Difficulty with balance and hearing
* Hearing loss
* Dehydration
* Heartburn
* Difficulty emptying the bladder or urinating, excessive, frequent, or painful urination
* Damage, loss, or absence of sperm which may lead to an inability to father children
* Enlarged breasts in prepubertal or early pubertal males
* Damage to the bone which may cause joint pain and loss of motion
* Confusion, nervousness, nightmares, sensing things that are not there
* Dizziness
* Hoarseness
* Weight loss
* Drooping eyelids, abnormal eye movement
* Damage to the skin which may cause pain
* Darkening of the nail beds or skin or hands and feet
* Darkening of the gums
* A new cancer (including leukemia) resulting from treatment of a prior cancer
* Non-healing wound
 |

| **RARE, AND SERIOUS**In 100 people receiving Bleomycin, Etoposide, Doxorubicin, Cyclophosphamide, Vincristine, Procarbazine, and Prednisone (BEACOPP), 3 or fewer may have: |
| --- |
| * Stroke which may cause paralysis, weakness, headache
* Seizure
* Convulsions, abnormal body movement, coma
* Sinusodial obstructive syndrome (SOS) which may cause damage to the liver, yellowing of eyes and skin, swelling
* Blurred vision with chance of blindness
* Visual disturbances, discomfort from light
* Bleeding from sores in the stomach
* 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
 |