Lomustine (loe MUS teen)
Patient Education

US Brand Names: CCNU
Therapeutic Category: chemotherapy

What is this medicine used for?
Used to treat cancer. More specifically this particular drug is used to treat a variety of cancers.

How does it work?
Lomustine works by killing rapidly growing cells. This drug will affect all fast growing cells, cancer cells and normal cells, in your body.

What should my doctor or nurse know before I take this medication?
- If you are allergic to any medicines.
- If you are taking other over-the-counter or prescription medicines, including vitamins and herbal remedies.
- If you are, or may be pregnant.
- If you are breast feeding.
- If you have kidney problems.

How is this drug given?
- This medicine can be used alone or in combination with other cancer medicine.
- This medicine is given into a vein, injected into your muscle or fat tissue, taken by mouth. Ask your doctor or nurse how you will be taking this medication.

What are the general precautions when taking this medicine?
- Talk with your doctor or nurse before taking aspirin, aspirin-containing products, over-the-counter or prescription medications, including vitamins and herbal remedies.
- Drink 8 to 10 glass of non-caffeinated liquid every day (unless told otherwise by your doctor or nurse).
- If you or your partner can get pregnant, use birth control during your treatment. Once completing treatment, discuss the timing for discontinuing birth control measures with your provider. (See Patient Teaching Sheet: Fertility)

What are the common side effects of this medicine?
- Nausea and vomiting: take Lomustine before bedtime and take anti-nausea medication as
directed. Call for nausea and vomiting not controlled by prescribed medication and/or inability to eat and drink liquids. (pt. teaching sheet N/V)

- **Myelosuppression (drop in number of blood cells)**
  Will cause a drop in the number of white blood cells in your body (Neutropenia). These cells fight infection. A drop in the number of these cells puts you at risk for infection. Talk to your doctor or nurse about your risk. Practice good hand washing and avoid people with infections, colds or flu when you are at risk. (pt. teaching sheet Neutropenia)

  Will cause a drop in the number of platelets in your body (Thrombocytopenia). Platelets help your blood clot. A drop in platelets put you at risk for bleeding. You may bleed easily during your treatment. Talk to your doctor or nurse about your risk. Avoid injury to your skin and mucous membranes by using a soft toothbrush, electric razor, etc when you are at risk. (pt. teaching sheet thrombocytopenia)

  Will cause a drop in the number of your red blood cells in your body (Anemia). Red blood cells carry oxygen throughout your body. This drop in red blood cells may lead to you feeling tired/fatigued. Talk to your doctor or nurse about your risk. (pt. teaching sheet: fatigue)

**Danger signals to report immediately to your doctor or nurse:**

- Signs or symptoms of infection. This includes a fever of 100.4°F (38°C) or greater, chills, severe sore throat, ear or sinus pain, cough, increased sputum or change in color, painful urination, mouth sores, wound that will not heal, or anal itching or pain.
- Severe nausea or vomiting, or diarrhea not controlled by medication.
- Not able to eat or drink.
- Bleeding from your nose, mouth, gums, or in your urine or bowel movements. Bruising that does not heal.
- Feeling extremely tired, weak, dizzy or light headed.

**How should I store this oral medicine?**

- Keep all medicine out of reach of children and pets.
- Consult your pharmacist for instructions on storage and disposal of this medication.

**What do I do if I miss an oral dose?**
Contact your doctor or nurse. Do not make up a skipped dose without discussing with your health care team.