



Carboplatin (Paraplatin,[®] CBDCA)

At the Clinical Center referred to as carboplatin (KAR-boe-pla-tin).

How Given: Intravenously (by vein)

Drug Action: Carboplatin stops cancer cells from growing by binding together or breaking apart the building blocks that form DNA. DNA is the genetic material in cells used to make new cells.

Side Effects:

1. Bone marrow effects can include a temporary decrease in white blood cells, platelets, and red blood cells. These usually occur 2 to 3 weeks after treatment and recover 1 to 2 weeks later.
2. Nausea and vomiting can occur.
3. The nervous system can be affected. Symptoms include
 - pain, numbness and tingling, or a “pins and needles” sensation that begins in the fingers and toes
 - difficulty walking
 - difficulty with fine movements such as buttoning clothes
 - ringing in the ears or difficulty hearing high-pitched sounds

These symptoms can resolve partially or completely over an extended period after the drug is stopped.

4. Temporary hair thinning or hair loss can occur.

**Special
Instructions:**

1. Take anti-nausea medication on a schedule as directed even if you are not having nausea.
2. Do not take aspirin or aspirin-containing products unless prescribed by your NIH doctor.
3. Report “pins and needles” sensations or hearing changes to your doctor. Be careful when handling sharp objects. Avoid extremes of hot and cold.
4. Call your NIH doctor or nurse if you
 - are unable to drink for more than 1 day or unable to eat for more than 2 days after treatment
 - have a temperature of 101.0 °F (38.3 °C) at any time, or have a temperature of at least 100.4 °F (38.0 °C) that lasts for 1 hour or occurs two times in a 24-hour period
 - have any unusual bleeding or bruising



This information is prepared specifically for patients participating in clinical research at the Warren Grant Magnuson Clinical Center at the National Institutes of Health and is not necessarily applicable to individuals who are patients elsewhere. If you have questions about the information presented here, talk to a member of your healthcare team.

Living with Cancer Chemotherapy Series
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Questions about the Clinical Center? OCCC@cc.nih.gov