Cisplatin (Platinol®) is a medication used in the treatment of some cancers. This medication works by preventing DNA from making copies of itself.

Cisplatin is given into the vein by intravenous (IV) infusion.

Your child’s doctor will give you a copy of the treatment protocol and this will include information on the medication dose and when it will be given.

**SPECIAL INSTRUCTIONS (unless otherwise instructed):**

- Cisplatin may cause kidney damage. Have your child drink plenty of liquids before, during, and after the medication is given.
- IV fluids will be given to your child before, during and after receiving this medication.
- **Encourage your child to urinate frequently, at least every hour, while this medication is being given and for 24 hours after the medication is complete.** A foley catheter may need to be placed to closely monitor urine output.
- Your child will have hearing tests done on a regular basis while he is receiving this medication.
- Your child may have urine collected for testing before each dose. Your nurse will instruct you on how to collect the urine.
- Offer small, frequent meals if your child is nauseated.

**SIDE EFFECTS:**

The following side effects are common:

- Low white blood cell count – increasing your child’s risk of infection
- Low platelet count – increasing your child’s risk for bleeding
- Low red blood cell count – increasing your child’s risk for anemia
- Nausea and/or vomiting
  (This may last for several days after the medication is received.)
- Hearing loss/ringing in the ear
- Kidney damage
- Hair loss
- Interrupted sleep due to the need for frequent urination while receiving this medication
The following side effects are less common, but can occur:

- Lung damage
- Heart damage
- Allergic reaction – rash, itching and/or difficulty breathing
- Lowered levels of phosphorus and/or magnesium requiring medication

Call your child’s doctor or nurse if your child has:

- Fever of 101.5° F (38.6° C) or greater
- No urine output for 8 hours
- Severe nausea or vomiting
- Dryness of eyes and mouth
- Bleeding or bruising

Monday through Friday 8 a.m. to 5 p.m.:
Call your child’s Hematology/Oncology Advanced Practice Nurse at (816) 234-3265.

Monday through Friday after 5 p.m., and on weekends or holidays:
Call (816) 234-3000 and ask the operator to page the Hematology/Oncology nurse or doctor "on-call."