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Lead Poisoning
Priority Nursing Diagnosis: Risk for Low IQ

Pt is 2 y/o
Pt is 12 kg

Patho:
From a hematologic perspective, lead causes anemia by interfering with the function of several enzymes involved in heme synthesis as well as enzymes involved in maintaining erythrocyte cell membrane integrity, which leads to decreased production and increased destruction of erythrocytes

Diagnostics:
Blood lead level test

Signs and Symptoms:
Abdominal pain
Lowered IQ
Vomiting
Diarrhea
Constipation
Anorexia
Irritability

Treatment:
Chelation Therapy

Nursing Interventions:
Administer Chelation Therapy
Teach to wash hands and all toys
No paints that contain lead
Healthy balanced diet
Plenty of fluids to help flush it out

Patient Teaching:
Wash hands and toys
No paints containing lead
Teach them sources of lead and determine if their career is a lead containing field
Dust periodically to limit lead in the home