

## Nursing Study Guide - Lead Poisoning Cheat Sheet by helpmee via cheatography.com/148061/cs/32241/

#### General

Preventable environmental health threat

Results in ↑ blood lead levels 5+ mcg/dL

Risk Factors	
Imported candies	Paint in homes > 1978
Dust from window sills, walls, & plaster in old homes	Certain folk remedies for GI issues (arzacon)
Soil w/ past of cars that used leaded gas	Glazed pottery & stained-glass products
Old painted toys or furniture	Lead pipes supplying water
Parent clothing w/ manufacturing job	

#### Diagnostics

Serum Lead Levels

- ≥ 5 mcg/dL

Serum Lead Levels

- ≥ 70 mcg/dL = hospitalization

### Signs & Symptoms

Cognitive impairments

Inattentiveness, hyperactivity, irritability

- Misdiagnosed as ADHD

Headaches

Hearing Problems

Language & speech problems

Stomach pain

↓ bone & muscle growth

Poor muscle coordination

Seizures

## Collaborative Care & Meds

Chelation Therapy w/ deferoxamine

If lead > 70 mcg/dL + hospital

SQ infusion over several hrs

- At night if home

May d/c to PO deferasirox if going home {nl} - PO once daily

### **Nursing Interventions**

Perform risk assessment

- If (+) → send blood for lead levels

If lead levels > 70 May need early  $mcg/dL \rightarrow hospit$ alize & begin chelation therapy, maybe dialysis

intervention program for further eval & Tx of developmental

delays

Ensure lead removal of home & environment

Refer to developmental centers

# Education - Chelation Therapy

Ensure adequate fluid intake

Monitor I&O closely

Dissolve PO tablet in juice or water & admin once daily



By helpmee

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