
Lead poisoning

- ✚ Causes: Occupational exposure to one or more of the following:
 - Manufacturing or use of batteries
 - Pigments
 - Solder
 - Ammunitions
 - Paint
 - Car radiators
 - Cable and wires
 - Some cosmetics,
 - Ceramic ware with lead glazes, and tin cans

- ✚ Suspect Lead poisoning in the following condition:
 - Unexplained microcytic hypochromic anemia associated with
 - Abdominal pain + constipation and anorexia
 - Motor peripheral neuropathy (with more affection of legs): ankle drop.
 - Presence of blue lines in the tooth-gum line مهمه جدا!!!
 - ± Other cognitive declines (lack of concentration, irritability, headache and muscle pain)

- ✚ DX
 - Blood film: Basophilic stippling of RBC
 - Serum lead ≥ 40 mcg /DL
 - Nerve conduction study

- ✚ Complications: Long exposure carries a risk for nephropathy and Hypertension

- ✚ Treatment:
 - Begin treatment if blood lead level exceeds 40 mcg/dl in addition to symptoms.
 - Lead chelation therapy
 - ℞ DMSA
 - ℞ EDTA