Hypomagnesemia

Mg = 1.6 - 1.9

1. Address underlying cause
2. Consider: Mg oxide 400-800 mg PO or Mg sulfate 1-2g IV

Mg = 1.2 - 1.5

1. Address underlying cause
2. Treat: Mg oxide 400-800 mg PO or Mg sulfate 2-4g IV

Mg = 1.2 or EKG changes

EKG

No changes

Changes

Changes or unstable VS

EKG + Address cause

Asymptomatic

If considering discharge:
1. Rx Mg oxide 400 mg BID x 7 days
2. PCP or ED f/u in 2-3 days

EKG changes associated with hypomagnesemia:
- Prolonged QTc
- Widened QRS
- PAC/PVCs
- PR prolongation
- Torsades

Symptoms of hypomagnesemia:
- Weakness
- Confusion
- Seizures
- Coma
- Dysphasia
- CHF
- Hypotension

REFERENCES
Created: 8/17/20
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