



### Symptoms of hypocalcemia:

*Neuromuscular:* perioral numbness, paresthesias, muscle cramps, carpopedal spasm, seizure  
*Cardiovascular:* hypotension, heart failure, VT  
*Systemic:* Fatigue, anxiety/depression, irritability

### EKG changes associated with hypocalcemia:

Prolonged QTC (presumed new)  
 VT  
 Torsades

### Contraindications to calcium Rx:

Hyperphosphatemia  
 Ethylene glycol poisoning  
 Digoxin toxicity