

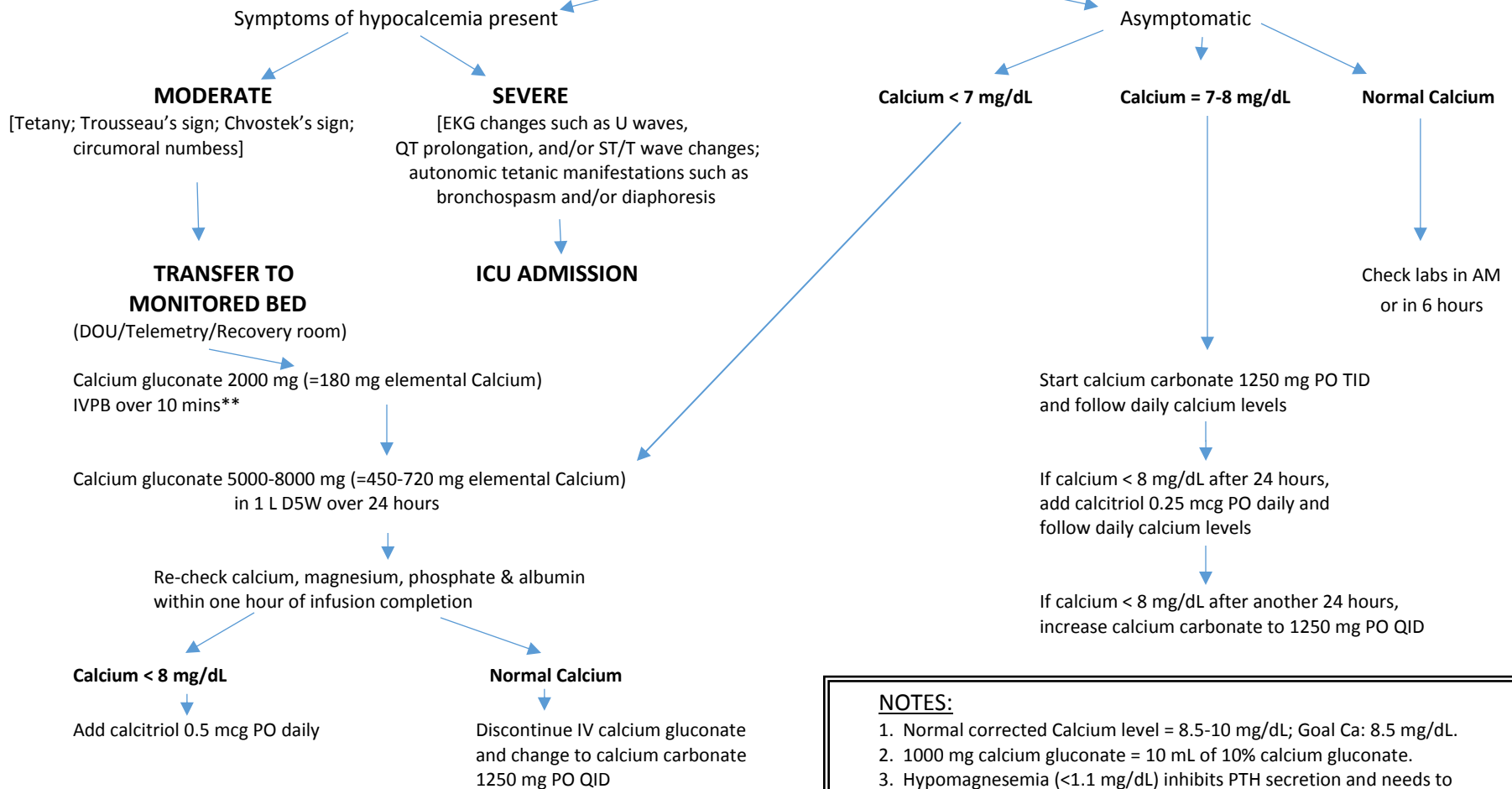
**VENTURA COUNTY MEDICAL CENTER
CLINICAL PRACTICE GUIDELINE/PROTOCOL
POST TOTAL THYROIDECTOMY HYPOCALCEMIA PROTOCOL**

The contents of this clinical practice guideline are to be used as a guide. Healthcare professionals should use sound judgment and individualize patient care. This CPG is not meant to be a replacement for training, experience, CME or studying the latest literature and drug information.

Check calcium, magnesium, phosphate, albumin in recovery and TID (@05:00, 13:00, 20:00) thereafter.

Check PTH and 25-OH Vitamin D in recovery.

Assess for symptoms of hypocalcemia every 4-6 hrs post op



**** TO PUSH IV CALCIUM, THE PATIENT MUST BE ON A CARDIAC MONITOR.
IF THE PATIENT IS ON A MEDICAL-SURGICAL (NON-MONITORED) UNIT AND THERE IS NO BED
IN A MONITORED UNIT IMMEDIATELY AVAILABLE, A CRASH CART MONITOR CAN BE USED**

ONLY A PHYSICIAN OR TSN CAN PUSH IV CALCIUM

Review/approval; Surg Cmte:4/06 MedCmte:5/09 Exec Cmte: 5/09

Revised: 4/14. Approved: Surg Cmte: 6/14 Med Cmte: 7/14 P&T Cmte: 6/14 Exec Cmte: 8/14

NOTES:

1. Normal corrected Calcium level = 8.5-10 mg/dL; Goal Ca: 8.5 mg/dL.
2. 1000 mg calcium gluconate = 10 mL of 10% calcium gluconate.
3. Hypomagnesemia (<1.1 mg/dL) inhibits PTH secretion and needs to be corrected if present. Goal Mg: >2 mg/dL.
4. Fine tuning of calcium can be done in Endocrine clinic with changes in vitamin D replacement.
5. Chronic hypoparathyroidism can be diagnosed 2 – 3 months post-surgery with persistently low calcium and inappropriately low PTH.
6. Consider addition of thyroid replacement therapy.
7. 1000 mg calcium gluconate = 90 mg elemental Calcium
8. 1250 mg calcium carbonate tablet = 500 mg elemental Calcium