

DIAGNOSIS AND MANAGEMENT

CENTRAL DIABETES INSIPIDUS

Sam Galvagno, DO, PhD, FCCM

Step 1. Confirm Hypotonic Polyuria

> 50 mL/kg/24 hrs (>3 L in 24 hours)

Step 2. Diagnose type of polyuria

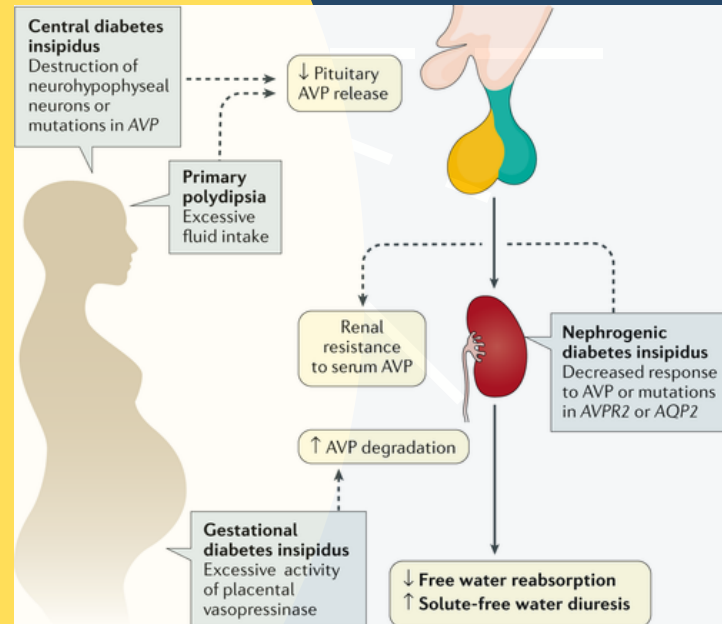
Sodium > 146 mmol/L

Serum osmolality > 300 mOsm/L

Step 3. Confirm the Etiology

Urine sodium < 300 mOsm/kg

Desmopressin: 5-20 mcg nasally or
1 mcg SC Q 12 hrs or 2 mcg IV BID



Doubling of urine osmolality after desmopressin confirms diagnosis

STC PROCOCOL

Vasopressin 0.25 -10 U/hr
Start at 0.25 U/hr, adjust every 30 min. as needed for goal urine output < 200 mL/hr

