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Fluid and Electrolytes

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| **Across**  **2.** CNS Depression, Muscle Weakness,Seizure, Osteomalacia  **4.** Lethargy,drowsiness,Decreased Pulse/Bp,Muscle Weakness, Diminished DTR,N/V  **5.** Chvostek's Sign, Trousseau's Sign, Tetany, Seizures,Fatigue  **10.** 3.5-5  **14.** Confusion,Tremors,Hyperactive DTR, Increased Pulse/BP, Insomnia,Muscle Cramps  **15.** 9.0-10.5  **16.** Loss of Fluids From the Cells and Tissue  **18.** Initially expands and raises the osmolality in ECF( D5 1/2NS & D10W)  **19.** Seizures,Coma,Restlessness,Irritability, Muscle twitching to the point of weakness | **Down**  **1.** Caused by: GI Loss, SIADH, Water Intoxication, NPO Status  **3.** Caused by : Renal Failure, Enemas containing Phosphorus, Chemotherapy Drugs  **6.** Caused by: Renal Failure, Adrenal Insufficiency, Acidosis  **7.** More Water than electrolytes(0.45% NaCl and D5W)  **8.** Phosphorus  **9.** 135-145  **11.** Lethargy,Decreased reflexes, confusion, Bone Pain, Fractures  **12.** Muscle Weakness, cramping, dysrhythmias, Flat/ Inverted T Waves  **13.** Magnesium  **17.** Same osmolarity as body fluid(NS 0.9 NaCl & lactated ringers) |

   HypoKalemia       Hyperkalemia       Hyponatremia       Fluid Volume Deficit       Hypernatremia       Hypocalcemia       Hypercalcemia       Hypermagnesium       Hypomagnesium       Hypophosphatemia       HyperPhosphatemia       Isotonic       Hypotonic       Hypertonic       Sodium       Potassium       Calcium       1.3-2.1       3.0-4.5