

Electrolyte in the distribution box



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Comprehensive notes on electrolytes covering body water compartments, water balance, electrolyte distribution, and laboratory determination of sodium, potassium, and chloride in body ...



This chapter focuses on the homeostasis and therapeutic management of fluids and electrolytes in various pediatric populations as well as select electrolyte abnormalities in pediatric patients.



Risk Factors: Fluid and electrolyte balance affects all individuals regardless of age, gender, race, or socioeconomic status.



Why Isotonic Fluids?



Intracellular fluids (ICF) are found inside cells and are made up of protein, water, electrolytes, and solutes. The most abundant electrolyte in intracellular fluid is potassium.



Surgery, trauma and critical illness is characterized by dramatic changes in fluid and electrolyte content and distribution in the various fluid spaces in the body.



The promotion of safe practices with potassium chloride and other concentrated electrolyte solutions is a priority and where effective organization risk assessments address these solutions.



As a general rule, concentrated electrolytes are not kept in patient care areas where access is not urgently needed. Concentrated electrolytes may be described as solutions ...



In this video, Dr Mike explains;- Body water composition- Fluid compartments- Water intake- Water loss- Electrolyte distribution and concentration



Intracellular electrolytes. Important intracellular electrolytes are potassium, magnesium, sulfate, and phosphate, and the most dominant cation is potassium while the most dominant anion is ...



oNa^+ is one of the essential electrolytes in the ECF, its imbalance causes clinical conditions namely hyponatremia and hypernatremia and could advance to life threatening diseases.



Crystalloids are water-based solutions with added solutes (electrolytes or glucose). They differ in their composition, which determines their ...

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Website: <https://www.hashherbcafe.co.za>

Email: hello@hashherbcafe.co.za

Phone: +27 63 814 7295

Address: 15 Galaxy Road, Linbro Business Park, Johannesburg, 2065, South Africa

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