

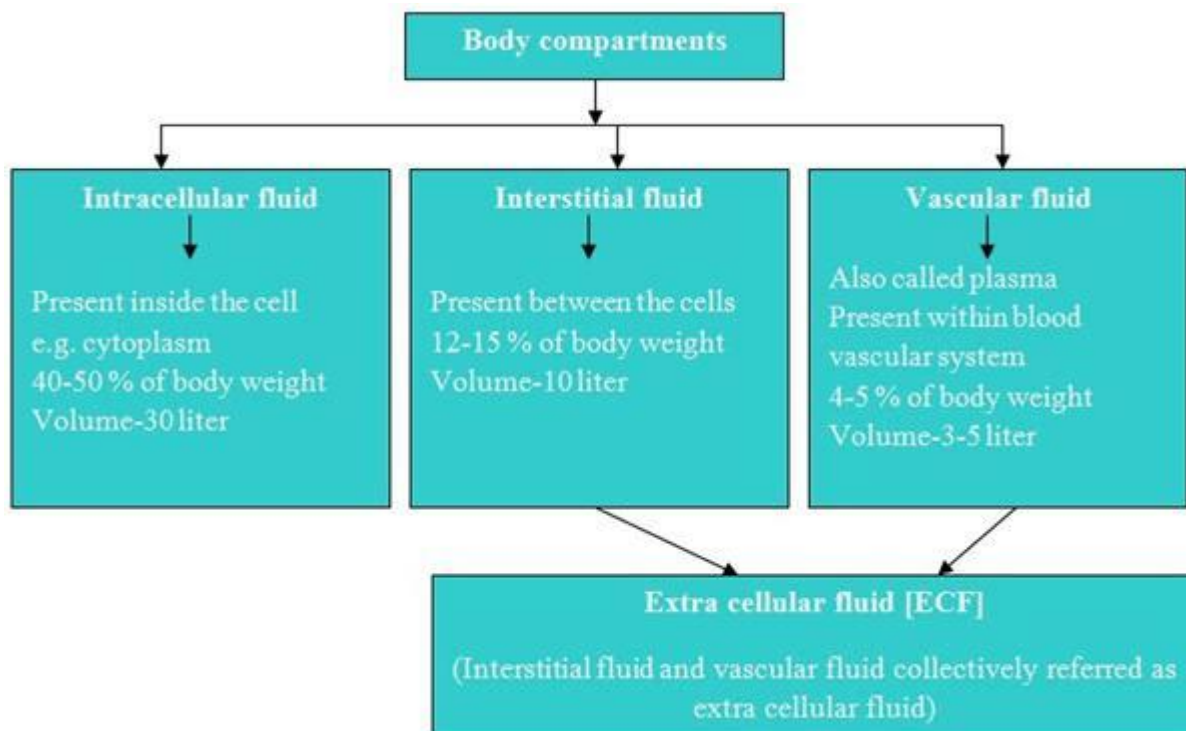
Electrolytes are the compounds which carry electric charge and present in the body fluids, tissues and cells.

Body fluids contain various organic and inorganic compounds. The concentration of these compounds in body is balanced in such a way that body cells and tissues are having same environment. To maintain this balance, body has various regulatory mechanisms like osmotic balance, pH and ionic balance which help to keep constant solute concentration in body fluids.

### Importance of Electrolytes in body:

It is essential to maintain the electrolyte concentration in our body for normal functioning of cells and tissues, muscle coordination, heart function, fluid absorption and excretion, and nerve function.

If person undergoes surgery or remain ill for long period, body can not maintain the electrolyte concentration and that time it's necessary to supply electrolytes externally to body. This therapy is called as replacement therapy. In this therapy, various electrolytes, carbohydrates, protein, amino acids and blood products are provided to patient as per their need.



Function of Electrolytes in body;

To maintain acid-base balance in body

To control osmosis of water between body compartments

For transmission of nerve impulses

For contraction of muscles

For secretion of hormones and neurotransmitters

To generate action potential and graded potentials

**USES:** This product is used to replace fluids and minerals (e.g., sodium, potassium) lost due to diarrhea and vomiting. It helps prevent or treat the loss of too much body water (dehydration). Having the right amount of fluids and minerals is important for the normal functioning of the body.

**HOW TO USE:** Take this product by mouth as directed by your doctor, or follow all directions on the product package. If you are uncertain about any of the information, consult your doctor or pharmacist. If you are using the liquid form, do not mix it with water or other liquids. If your liquid form is a suspension, shake the bottle well before each dose. If you are using the powdered form, mix the contents of the packet in 4 ounces (120 milliliters) or 8 ounces (240 milliliters) of water as directed on the product package. Stir until completely dissolved. Do not heat this product unless the product package states that it is okay to do so. Dosage is based on your medical condition and response to treatment. Do not drink fruit juices or eat foods with added salt while taking this product unless directed by your doctor. Tell your doctor if your condition worsens, if it persists for more than 24 hours, or if you also have severe stomach/abdominal pain, blood in the stool/vomit, a fever, or signs of dehydration (e.g., dizziness, decreased urination, severe thirst, very dry mouth, seizures). If you think you may have a serious medical problem, seek immediate medical attention.