

## Definition Of Isotonic Solution

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### **Definition Of Isotonic Solution**

Isotonic Solution Definition. An isotonic solution is one that has the same osmolarity, or solute concentration, as another solution. If these two solutions are separated by a semipermeable membrane, water will flow in equal parts out of each solution and into the other. The effect is zero water flow between the two solutions, although water is moving both ways.

### **Isotonic Solution - Definition and Examples | Biology ...**

Isotonic solution: A solution that has the same salt concentration as cells and blood. Isotonic solutions are commonly used as intravenously infused fluids in hospitalized patients.

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## **Definition of Isotonic solution - MedicineNet**

Define isotonic solution. isotonic solution synonyms, isotonic solution pronunciation, isotonic solution translation, English dictionary definition of isotonic solution. Noun 1. isotonic solution - a solution having the same osmotic pressure as blood isosmotic solution solution ...

## **Isotonic solution - definition of isotonic solution by The ...**

Isotonic Definition. Isotonic is a term used to describe solutions and chemistry and, sometimes, muscles in human biology.. In chemistry, a solution is said to be isotonic when it has the same concentration of solutes as another solution across a semipermeable membrane.. The use of isotonic in human anatomy is used more rarely. However, it describes muscles that have the same tone as “normal ...

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### **Isotonic - Definition and Examples | Biology Dictionary**

Read medical definition of Isotonic solution. Isotonic solution: A solution that has the same salt concentration as cells and blood. Isotonic solutions are commonly used as intravenously infused fluids in hospitalized patients.

### **Definition of Isotonic solution - RxList**

An isotonic solution refers to two solutions having the same osmotic pressure across a semipermeable membrane. This state allows for the free movement of water across the membrane without changing ...

### **Isotonic Solution: Definition & Example - Video & Lesson**

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solution [so-loo´shun] 1. a homogeneous mixture of one or more substances (solutes) dispersed molecularly in a sufficient quantity of dissolving medium (solvent). 2. in pharmacology, a

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liquid preparation of one or more soluble chemical substances, which are usually dissolved in water. For names of specific solutions, see under the name. 3. the process ...

### **Isotonic solution | definition of isotonic solution by ...**

Isotonic definition, noting or pertaining to solutions characterized by equal osmotic pressure. See more.

### **Isotonic | Definition of Isotonic at Dictionary.com**

Definition of isotonic solution in the Definitions.net dictionary. Meaning of isotonic solution. What does isotonic solution mean? Information and translations of isotonic solution in the most comprehensive dictionary definitions resource on the web.

### **What does isotonic solution mean? - definitions**

Isotonic Solution. An isotonic solution is a solution in which the same amount of solute and solution is available inside of the cell

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and outside of the cell. The solution and solute percentage are the same inside the cell as it is in the solution outside of the cell.

### **Isotonic, Hypertonic, and Hypotonic Solutions**

Isotonic, hypertonic, hypotonic solutions. Terms isotonic, hypertonic and hypotonic are usually used when a reference to cell of a living organism is made, but it can be generally used to compare concentration of a solute in two solutions. Isotonic solutions. Isotonic solutions are two solutions that have the same concentration of a solute.

### **Isotonic hypertonic hypotonic solutions and definition in**

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Define isotonic saline. isotonic saline synonyms, isotonic saline pronunciation, isotonic saline translation, English dictionary definition of isotonic saline. adj. 1. Of equal tension. 2.

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### **Isotonic saline - definition of isotonic saline by The ...**

An example of a hypertonic solution is the interior of a red blood cell compared with the solute concentration of fresh water.

When two solutions are in contact, solute or solvent moves until the solutions reach equilibrium and become isotonic with respect to each other.

### **What Is a Hypertonic Solution?**

Isotonic. Firstly, isotonic is a kind of solution that consists of the same salt concentration as the cells and the blood. We use these solutions commonly as intravenously infused fluids in the patients admitted in the hospitals. Isotonic Solution Definition.

We use this term for describing solutions, chemistry, and muscles a few times in human ...

### **Isotonic Solutions - Definition and Examples, Importance**

Sometimes, potassium chloride can be included in the

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solution. An isotonic solution is a 'solution that has the same salt concentration as cells and blood.' ...One example of an isotonic solution is the intravenously infused fluids in hospitalized patients. Some of these solutions are 0.9% NaCl or 5 percent dextrose.

### **Definition Of Isotonic Solution - The General Info**

Isotonic, hypotonic, and hypertonic solutions are widely used in the healthcare setting and as a nurse you must know how each of the solutions work on the body and why they are given. In nursing school and on the NCLEX exam, you will be required to know what type of IV fluids are considered isotonic, hypotonic, and hypertonic.

### **Isotonic, Hypotonic & Hypertonic IV Fluid Solution**

Isotonic Solution: Definition & Example ... An isotonic solution is one in which the concentration of solutes is the same both inside



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and outside of the cell.

### **Hypertonic Solution: Definition, Effect & Example - Video**

...

This is an isotonic solution. Isotonic solution. The prefix, iso, refers to things that are the same. It has the same concentration of solute, and so you have no net inflow. Hypotonic solution, you have water molecules going into the cell, the cell expanding, kind of like a filling balloon. Isotonic solution, no net flow.

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