



# Importance of Ions/Electrolytes in the Body (Lecture 19)



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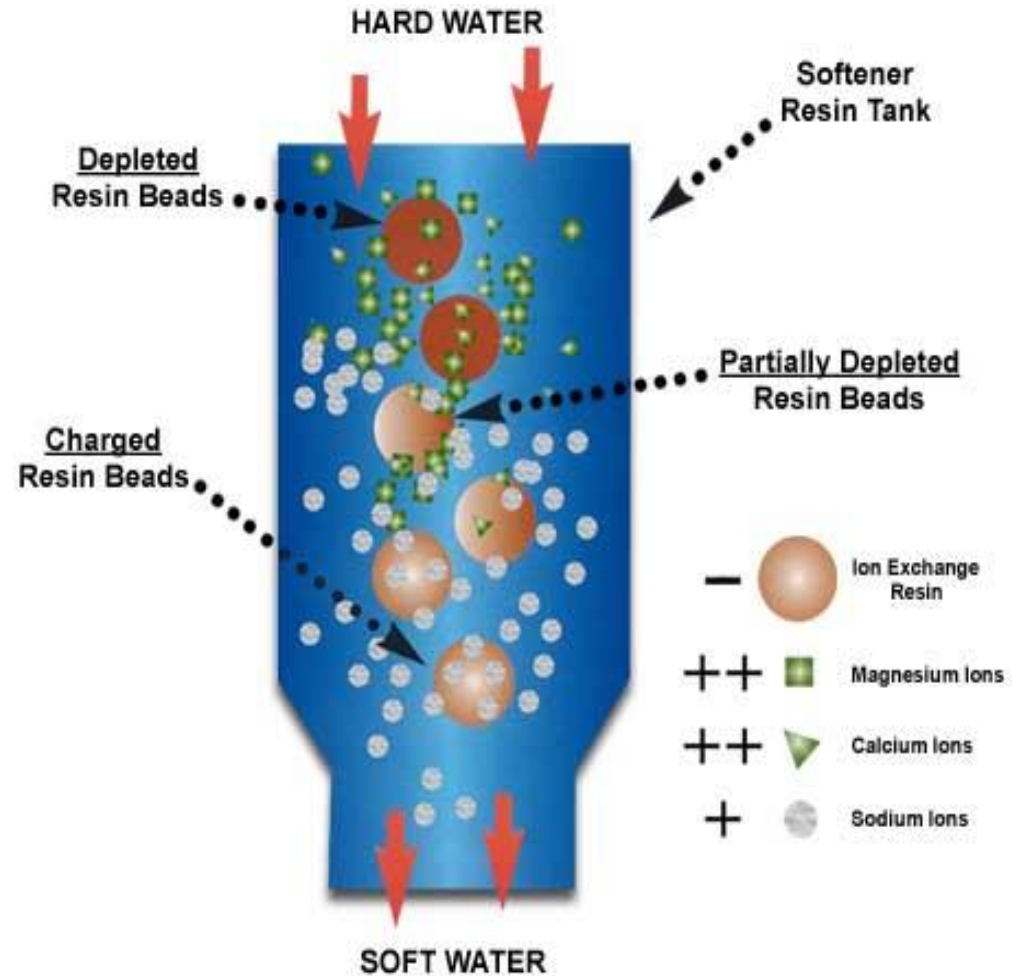
# Importance of Ions/Electrolytes in the Body

# Everyday Science

## Reactions Involving Ions

Remember... **ion** = an atom which has lost or gained one or more electrons, so it's negatively or positively charged.

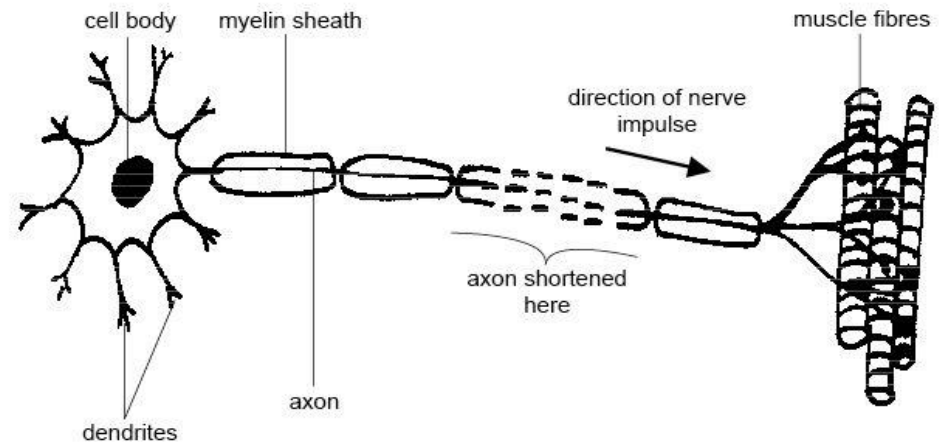
The Principle of **ion exchange** is a common water softening method.



# Importance of Ions/Electrolytes in the Body:

$K^+$ ,  $Na^+$ ,  $Cl^-$

- Carry electrical impulses in the nervous system
- Maintain cellular function with the correct concentrations electrolytes



Thank You