

## True hyponatremia

Low serum sodium concentration associated with

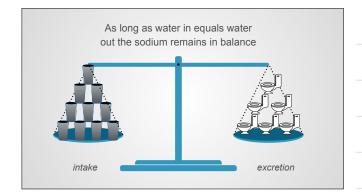
- → low osmolality
- → low tonicity

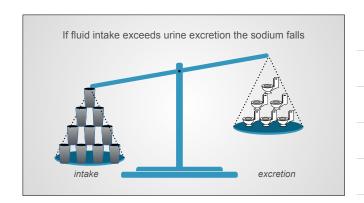
causes water to move into the cells

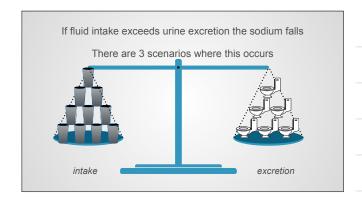


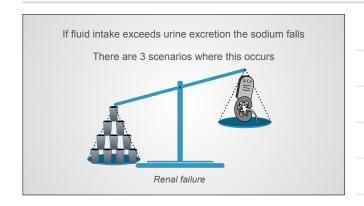


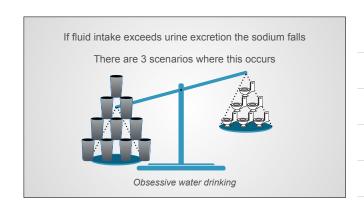


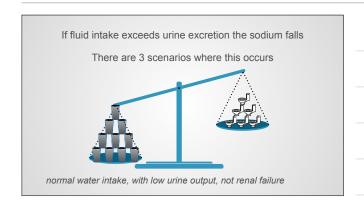


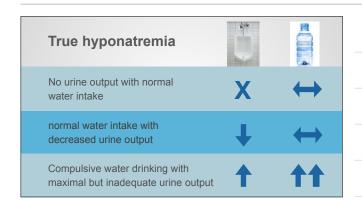


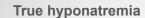












No urine output with normal water intake



## True hyponatremia





No urine output with normal water intake





normal water intake with decreased urine output





Compulsive water drinking with maximal but inadequate urine output





## True hyponatremia





Compulsive water drinking with maximal but inadequate urine output





schizophrenia

stupid radio games

water poker

fraternity hazing





