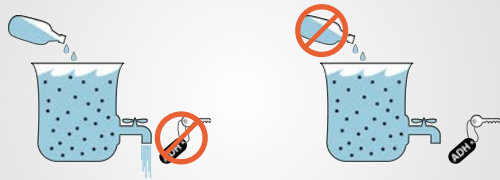




Hyponatremia

Why isn't the patient drinking?

Water-ADH-thirst axis



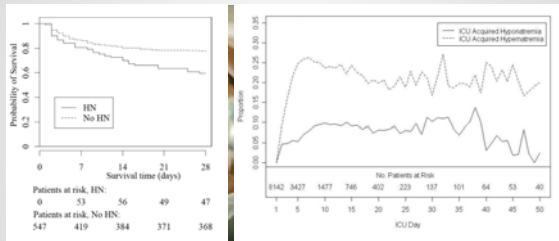
Hyponatremia must ALWAYS be due to a lack of water



The reason the person isn't drinking is usually obvious from the clinical scenario



Babies can not get water themselves



Lindner G, Funk GC, Schwarz C, et al. Am J Kidney Dis. 2007;50(6):952-7.



Patients with altered mental status

Hypernatremia

Lack of water is necessary for hypernatremia but increased water loss will help drive the hypernatremia

Hypernatremia

Lack of water is necessary for hypernatremia but increased water loss will help drive the hypernatremia

Renal



Diuretics

Diabetes insipidus

Non-oliguric AKI

Extra-renal



Diarrhea

Skin losses



Insensible losses
