Fluid and Electrolytes Cheat Sheet

HYPOnatremia *SAL	↓Na TLOSS*	<135	Her	YPOkalemia "slow and I	↓K low /A SK	WALTE	<3.5
muscle spasm weakness urine loss (Loutput) shallow respiration LDTR orthostatic hypotension †bowel motility				Alkalosis irritability lethargy shallow respirations 4 breath sounds thread pulse 4-bowel constipation confusion			
Na excretion (renal, NG sweating) - aldosterone fluid overload or FVD	suction, V/D, o SIADH diabetes insip low intake			s anorexia	N ngs diseas	NPO e Tale	fluid loss losterone
"no FRIED food"/t	小Na hink dehydrat	>145 ed		HYPERkel	emila "MURDER		5.0
Fever, flushed skin Restless T-fluid retention, edem	agitat		Sestan		s, twitchir loss, Lout pulse	great.	weakness 4-BP hythmäs
Hypercortisolism (cushi incR intake (oral/IV) Gi tube w/o adequate i Hypertonic solutions Reduced excretion infection, fever, sweath	hyposid 420 intake thirst cortio	ventilation osteronism impairment osteroids I fluids	Exce	dar mwmt ICF->-Ec ss intake s (K-sparing diun	addison		all leasefff.)
↑P HYPOcalcem	la -b-Ca - ramps‴	8.5	-	HYPOmagne Towitching		4-Mg excitable	<1.5 key)
+ trousseaus, chvosteks tetany, spasm sekrures † OTR confusion arrhythmias Course Low PTH celiac/crohns low Vit. D Acute pancreatitis chronic kidney issues inadequate intake (alcohol, bulimia) † Phos. Wound drainage (esp GI) meds. J. mobility			Tour † DT Eauth Limit Othe hypK Male	* trousseaus, chrosteks tetany Tourdes de pointes cardiac ds seitures †OTR †SP ↓RR ↓ bowel motility Cuter "Low MAG" Limited intake Other electrolyte issues (hypOcalcemia, hypOkalemia) Wasting Mg Malebsorption Alcohol Glycemic issues (DKA, insulin)			
4.P HYPERcalcem	via - 4-Ca v is weak*	>10	= 1	HYPERmagn		rhMg ethangic	>2.5
Muscle weakness, lethargy EKG As absent or J-DTR confused Abdominal distention d/t constipation Ca deposits kidney stone formation				cle weakness → s As → cardiac arm nt or ↓DTR			↓ BP
hyperPTH hypertil	hyroidism re, thiasides) At D intake ss Ca)	lithium	Addi	www sch antacids/laxa sons (adrenal ins secular filtration i	wiff)		and the second

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