



9/18/20 Morning Report with @CPSolvers



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<p>CC: Found down</p> <p>HPI: 69 M found down, with loss of consciousness and in a pool of blood by neighbors. He did not remember what had happened. He had bilateral paralysis of extremities that started 4 days ago, dysarthria, slurred speech and weakness in upper extremities</p> <p>ROS: NO bleeding, GI bleed, fever, shakes. Only reported loose stools.</p>	<p>Vitals: T: HR: 90 BP: 90/50 RR:19 SpO₂: 95</p> <p>Exam:</p> <p>Gen:</p> <p>HEENT: Dry mucous membranes.</p> <p>CV: Regular</p> <p>Pulm: CTAB</p> <p>Abd: Large inguinal hernia, non tender, reducible. Diminished BS</p> <p>Neuro: Dysarthric speech, followed commands, 1/3 strength, diminished reflexes. Visual fields and cognition intact. Hoffman and Babinski negative. Sensory normal</p> <p>Extremities/Skin: Tenderness in the back and difficulty to move torso.</p>	<p>Problem Representation: 69 M found down with loss of consciousness and blood. He had dysarthric speech, diminished reflexes and paralysis. His labs showed severe hypokalemia and no acid base disturbance. Final Dx: Hypokalemic periodic paralysis</p>	
<p>PMH: HTN Left DVT IVC filter removed Inguinal hernia</p> <p>Meds: Amlodipine Oxycodone Lidocaine Ciprofloxacin due to UTI, Mg oxide Potassium chloride</p>	<p>Fam Hx:</p> <p>Soc Hx:</p> <p>Health-Related Behaviors: No ETOH, no drugs</p> <p>Allergies:</p>	<p>Notable Labs & Imaging:</p> <p>Hematology: WBC:14.43 Hgb:12 Plt:210</p> <p>Chemistry: Na: 146 K: 1.5 Cl: 109 CO2: 23 BUN:23 Cr:1.18 glucose: 96 Ca: Mg: 0.9 Lact 2.9</p> <p>Imaging: Head CT: Normal Chest and abdominal CT: Enlarged LS1- compression fracture and sigmoid colitis. Stool: C. Difficile positive.</p> <p>Resolved hypokalemia w/repletion. He was already on supplements (K and Mg supplements). C Difficile treated</p> <p>Final Dx: Hypokalemic periodic paralysis</p>	<p>Teaching Points (Maria):</p> <ul style="list-style-type: none"> • Found down: Think about time and possible triggers. <ul style="list-style-type: none"> - ABCs > Dx Think of Dx that can be quickly reversed (4S, sugar, drugs) • Blood as a clue! How hard they fell. <ul style="list-style-type: none"> - <u>Coag cascade:</u> PT, INR. Be careful with hypothermia. - <u>Plt:</u> Pt count. Look out for vWF deficiency, ASA use. - <u>Blood vessels:</u> Trauma (<i>think proportionality!</i>). Primary disease. Venous stasis (venous hypertension: variceal bleed, varicose veins). Scurvy. Amyloidosis. • HTN + Neuro VD: Vascular dementia, Hemorrhagic stroke, HTN Encephalopathy, Posterior Reversible Encephalopathy Sx. • Sudden Neuro Deficits (Hyperacute vs Acute) + Thrombosis VD: PFO, Bleeding.. • Localization (Mental Status, Motor, Sensory, Autonomic) <ul style="list-style-type: none"> - <u>Bilateral paralysis:</u> NM Axis (<i>Cortex all the way to NM Junct.</i>). Use Reflexes to Further Lx: Low Reflexes: Spine, Peripheral neuropathy.. Normal Reflexes: NM Junct, Myopathy. Imaging can differentiate Spine vs Periph. Neuropathy - <u>Dysarthria:</u> Bulbar deficits - Brain Stem; <u>Slurred speech:</u> CN 9/10 Medulla; <u>Loose stools:</u> Myelopathy; <u>Encephalopathy</u> can occur after loss of consciousness as a consequence of the fall. • Colitis: 4Is - Infection, Inflammation, Infiltrative, Ischemia. • Hypokalemia pH approach <ul style="list-style-type: none"> - <u>AB disturbances:</u> Loss in GI tract, kidney (aldosterone, RTA) - <u>No AB disturbances:</u> Shifted into cells (hypoMg, albuterol, insulin, inherited channelopathies) • Hypokalemic periodic paralysis: can be precipitated by large meal (insulin driven). Can be accompanied by thyrotoxicosis.