



8/30/22 Morning Report with @CPSolvers



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<p>CC: 10y boy w/ 4d of L sided abdominal-pelvic and flank pain</p> <p>HPI: No hx of trauma. No fever. Pain intermittent, then became steady (10/10). Intractable vomiting due to pain. Normal urination. Denies: hematuria, constipation, diarrhea, dysuria.</p>	<p>Vitals: T: 36.9C HR:103 BP: 118/75 RR: 22 SpO₂: fine</p> <p>Exam: Gen: growing normally, alert, uncomfortable HEENT: wnl, moist mucous membranes, no LAD CV: slightly tachycardic, no murmur or gallops Pulm: lungs clear Abd: non distended, L upper and lower quadrant tenderness Genital: Tanner Stage I, non-tender. Descended scrotums.</p>	<p>Problem Representation: A 10yM w/ 4 days of L sided abdominal-pelvic and flank pain (10/10), initially intermittent, now steady w/ vomiting. No fever or trauma noted.</p>
<p>PMH: Full-term, healthy, immunized. No prior hx of serious illness. No UTIs.</p> <p>Meds: Ibuprofen</p>	<p>Notable Labs & Imaging: Hematology: WBC: 14.4 (81% N, 11.7 abs) Hgb: 11 (Hkt 33) Plt: 148 Chemistry: Na: 140 K: 4.3 Cl:102 CO2: 25 BUN:21 Cr:0.98 glucose: 100 Ca, Phos and Mag: wnl AST: ALT: Alk-P: T. Bili: Albumin: UA: 1.02, clear, straw coloured, some ketones, rare mucous, 1 RBC, 1 WBC</p> <p>Imaging: EKG: POCUS: Hydronephrosis b/l, Megaureter b/l, L impacted stone (effect of b/l stenosis or stasis) CXR:</p> <p>Final dx: Bilateral ureteral stenosis (anomaly in ureter implantation and posterior urethral valves) w/ subsequent megaureters and hydronephrosis leading to stasis</p>	<p>Teaching Points (Debra):</p> <ul style="list-style-type: none"> Abdominal pain left side → trauma (e.g. injury the spleen, kidney), testicules (torsion), infections, renal colic, constipation. Time → 4 days (long time). Causes: visceral, vascular or obstruction Nauseas, vomiting → GI causes: chronic obstruction, acute abdomen, pyelonephritis (very painful), volvulus, appendicitis, Meckel diverticulum (can cause intussusception), mesenteric lymphatic adenitis, Intussusception: recurrent episodes of abdominal pain w/ pain free intervals between then. Present w/ hematochezia History of kidney stones in the family can present with: Struvit-stones due to infections (e.g. Klebsiella, Pseudomonas), Calciumoxalat (causes: hyperparathyroidism, IBD), Cystine stones (cause: defect in the PCT- transporter) and enlarged peyer patches (can be caused due to recent viral infection or inflammation). Labs: Neutrophilia → infection, inflammation. Creatinine 0.98 (high → red flag) Normal kidney: bright hyperechoic area, you don't see the ureter. In the middle of the kidney bright, fat. Hydronephrosis: look all connect and polycystic kidney disease: cysts are separated and do not connect
<p>Fam Hx: Father - kidney stones Pat. GM - surgical removal of stones</p> <p>Soc Hx: Moved w/ his father from Honduras</p> <p>Health-Related Behaviors:</p> <p>Allergies: none</p>		