



# 3/27/20 Morning Report with @CPSolvers



**CC:** Diarrhea  
**HPI:** 30M presents with 1.5 years worsening small volume, loose, progressively bloody stools up to 5-10 times daily associated with abdominal cramping. Unrelated to food. Nocturnal symptoms.

**ROS:** no fever, chills, no weight loss, fatigue, nausea, vomiting, rashes, joint pains

**Vitals:** 98.9 112/76 BMI 19  
**Exam:** Thin, well appearing  
 No oral lesions  
 Normal heart and lungs  
 Non distended abd, b/l lower quad tenderness, hyperactive BS, no HSM, no lesions on DRE, scant brown stool  
 No joint abnormalities  
 No rash

**Problem Representation:**  
 30M from Brazil presents with chronic, small volume, loose bloody stools during the day and night found to have submucosal nodules with pathology showing non-caseating granulomas with eosinophilic infiltrates c/w colonic schistosomiasis.

**PMH:**  
None

**Meds:**  
No meds

**Fam Hx:**  
No IBD or autoimmune  
Gfather GI cancer

**Soc Hx:**  
Born in Brazil  
Lives in New England  
No travel/ill contacts  
No outdoor exposures  
Sppy tobacco, no ETOH, occasional MJ, 1-2 F partners

**Notable Labs & Imaging:**  
 WBC 6.4 (normal diff), Hgb 12.7 (MCV 85), Plts 289  
 BMP normal: Na 137, K 3.8, Cr 0.7, Glu 118

%sat 10, Ferritin 187  
 TSH wnl  
 TTG neg  
 O&P x2 neg

LFTs normal AST 32/ALT 36/ Alk phos 57, Alb 3.5 TP 7.1  
 HIV neg

Colonoscopy + path: non-caseating granulomas with eosinophils, granulomas surrounding calcified ova

**Teaching Points:**

- **Acute** diarrhea, think **infectious**.
- **Chronic** diarrhea, think **non-infectious**, including inflammatory or non-inflammatory.
- For **non-inflammatory**, think about the **mechanism**.
  - **Secretory diarrhea** will happen at **night**. Osmotic diarrhea will not
  - **CR Pearl:** Find the center of gravity in the case. In this case, the center is the GI lumen.
  - A **mixed microcytic and macrocytic** can --> normocytic anemia.
  - **CR Pearl:** We have to understand the host if we want to understand the current illness.