**GI/GU Case Studies**

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| **Patient** | Miriam—4 year old femaleportrait of Miriam | Ronaldo—89 year old maleportrait of Ronaldo |
| **Chief Complaint** | Miriam presents with her mother reporting that she has started having urinary accidents at school this past week. Mom notices she is scratching at her private area. She also had some diarrhea the last few days. This morning Miriam woke up with a fever of 100.6 and emesis. | Ronaldo comes in today with his daughter. She is concerned that her father has started acting strange, asking questions about things he should already know, losing things, seeming more irritated. He says that he has had some constipation for the last few weeks. He also notes that during the last few weeks he has been having a hard time starting a urine stream. No other symptoms or concerns and no fevers. |
| **Physical Exam** | **PE:** 100.2, HR 98, RR 20, BP 98/42, Wt. 38lbs**Lungs:** CTA**Heart:** RRR with no murmur**Abdomen:** Soft, tenderness noted in suprapubic area, BS hyperactive, no CVA tenderness**GU:** Erythema urethra, scratch marks noted, no vaginal drainage, no tearing of vaginal area.**Skin:** erythema to vaginal area, no other rash, skin moist and warm. | **PE:** 99.8, HR 97, RR 16, BP 98/66, Wt. 158lbs**Neurologically:** A&O x 3, does seem irritated with questioning**Lungs:** CTA**Heart:** RRR with no murmur**Abdomen:** Soft, tenderness to suprapubic area, hypoactive bowl sounds, no CVA tenderness**GU:** No penile drainage or rash, no erythema**Skin:** No rash, warm, moist, intact |
| **Urinalysis** | **Specific Gravity:** 1.015**pH:** 6.5**Leukocytes:** Moderate**Blood:** Negative**Nitrite:** Positive**Ketones:** Trace**Bilirubin:** Negative**Urobilinogen:** Normal**Protein:** Negative**Glucose:** Negative | **Specific Gravity:** 1.010**pH:** 6**Leukocytes:** Moderate**Blood:** Negative**Nitrite:** Negative**Ketones:** Negative**Bilirubin:** Negative**Urobilinogen:** Normal**Protein:** Negative**Glucose:** Negative |