

Table S1. Final diagnoses of 28 BPCUS patients with similar chief complaints in 2 consecutive ED visits

<i>Chief complaint for both ED visits</i>	<i>Final diagnoses after 2 ED visits</i>
Abdominal pain (n = 8)	Unknown cause for symptoms (n = 7) Cholecystitis (n = 1)
Flank pain (n = 7)	Kidney stone (n = 4) Musculoskeletal pain (n = 2) Leaking nephrostomy tube (n = 1)
Weakness/dizziness (n = 7)	Unknown cause for symptoms (n = 1) Mechanical fall (n = 1) Prostate cancer (n = 1) Heart failure exacerbation (n = 1) Hyponatremia (n = 1) Spinal stenosis (n = 1) <i>Staphylococcus aureus</i> bacteremia + vertebral osteomyelitis (n = 1)
Altered mental status (n = 3)	Unknown cause for symptoms (n = 1) Dehydration (n = 1) Psychosis (n = 1)
Urinary retention (n = 1)	Benign prostatic hyperplasia with obstruction (n = 1)
Chest pain/epigastric pain (n = 1)	Unknown cause for symptoms (n = 1)
Seizure (n = 1)	Unknown cause for symptoms (n = 1)