Spontaneous Air-Contrasted Renography in Abdominal Plain Film

(See page 726–7 for the Answer to the Photo Quiz)

A 41-year-old woman presented with fever and a 3-day history of severe right abdominal dull pain. She had a history of pancreatitis and gestational diabetes mellitus. On physical examination, she was found to have a body temperature of 38.5°C, diffuse hypoactive bowel sounds, and a left costal-phrenic angle knocking pain. Her blood tests revealed a total WBC count of 25,000 cells/mL (92% neutrophils), a hemoglobin level of 9.6 g/dL, a serum glucose level of 440 mg/dL, and a normal
amylase/lipase level. Urinalysis and renal function test results were within normal limits. Abdominal plain film is shown in figure 1. An abdominal contrast-enhanced CT, shown in figure 2, confirmed the cause of the patient’s complaints. What is your diagnosis?