Man with Weight Loss, Fever, Cough, and an Abnormal Spleen
(See pages 831–3 for Answer to Photo Quiz)

Figure 1.  CT scan of the chest demonstrating diffuse alveolar infiltrates with air bronchograms. Also notable is pretracheal, subcarinal, and para-aortic adenopathy.

A 42-year-old man complained of productive cough and fever of 3–4 weeks’ duration and night sweats, nausea, vomiting, and black stools of 10 days’ duration. He had fatigue and reported a 20-lb (9-kg) weight loss in the previous year. The patient’s medical history was unremarkable, except for hypertension. He had lived in Omaha, Nebraska, and worked as a garbage collector all his life. There was no history of travel, pets, or injection drug use. He appeared thin and fatigued and was afebrile but had a pulse rate of 110 beats/min. Multiple cervical lymph nodes and a single 1.5-cm right supraclavicular
lymph node were palpated; these lymph nodes were mobile and nontender. The patient had bilateral inspiratory and expiratory rhonchi and moderate hepatosplenomegaly.

Chest CT (figure 1) showed diffuse alveolar infiltrates with air bronchograms and pretracheal, subcarinal, and para-aortic adenopathy. Abdominal CT (figure 2) was remarkable for the massive size of (17 cm) and numerous heterogeneous nodules in the spleen.

What is your diagnosis?

Figure 2. CT showing the spleen, measuring 17 cm, with multiple heterogeneous nodules