

QUESTION
 A 65-year-old male patient with a long history of hypertension and hyperlipidemia presents to the clinic with a 2-week history of increasing fatigue, weight loss, and intermittent fevers. He reports that he has been unable to complete his usual activities of daily living. He has no cough, hemoptysis, or chest pain. He has no recent travel history and no contact with anyone who has been ill. He is currently taking lisinopril and atorvastatin.

ANSWER
 The patient's symptoms are concerning for a systemic infectious process. The most likely diagnosis is tuberculosis (Tb), given the chronic nature of the symptoms and the patient's risk factors. The patient's symptoms are consistent with a reactivation of latent Tb, which is common in immunocompromised individuals. The patient's weight loss and fevers are classic signs of active Tb. The patient's hypertension and hyperlipidemia are not directly related to the current presentation.

System	Findings	Significance
General	Fatigue, weight loss, intermittent fevers	Chronic infectious process
Respiratory	No cough, hemoptysis, or chest pain	Excludes acute bacterial pneumonia
Cardiovascular	Long history of hypertension	Not directly related to current symptoms
Endocrine	Hyperlipidemia	Not directly related to current symptoms

Tuberculosis



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