

A 68-year-old female presents with high fever (39.5°C), rapid breathing, and extreme lethargy following a urinary tract infection. The patient appears disoriented and confused. Vital signs show tachycardia with heart rate of 125 beats per minute and hypotension with blood pressure of 80/45 mmHg that doesn't respond to fluid resuscitation. Laboratory findings reveal elevated white blood cell count (22,000/ μ L) with left shift, elevated lactate levels (4.5 mmol/L), and decreased platelet count. Blood cultures are drawn and broad-spectrum antibiotics are initiated immediately. The patient requires vasopressor support to maintain adequate perfusion and is transferred to the intensive care unit for close monitoring and management of organ dysfunction.