Abstract:

Granulomatosis with polyangiitis (GPA) is a rare autoimmune vasculitis characterized bysmall and medium-sized arterial inflammation, often linked to antineutrophil cytoplasmicantibodies.We present a rare case of a 27-year-old postpartum mother who developed a complex clinical presentation involving multisystemic organ infarctions and vasculitis. The patient experienced acute onset left-sided pleuritic chest pain and shortness of breath on postpartum day 7, which was initially attributed to sepsis. Despite treatment, her symptoms worsened, prompting transfer to our facility on postpartum day 15. Investigations revealed multiple infarctions in the lungs, spleen, liver, and kidney, as well as a marked leucocytosis and elevated inflammatory markers. C-ANCA positivity led to a suspected diagnosis of granulomatosis with polyangiitis (GPA). Aggressive treatment with methylprednisolone cyclophosphamide, resulted in initial disease control, but the patient's condition flared after several months. Although rare, our case underscores the diverse manifestations of GPA during the postpartum period, highlighting the importance of early recognition and tailored therapeutic approaches.