

A Case of Disseminated Tuberculosis with Myelodysplastic Syndrome with Acute Coronary Injury

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Abstract

The 50-year-old male known for the myelodysplastic syndrome was admitted with fever for 20 days and found with lung, bone marrow, and liver tuberculosis. He developed acute coronary injury and ARDS, which were treated actively. For disseminated tuberculosis, we have started on Anti-Tuberculosis treatment, and active treatment was given for acute coronary injury. He was discharged with stable vitals.

Case Summary



Figure: 1 Patient is on assisted ventilation

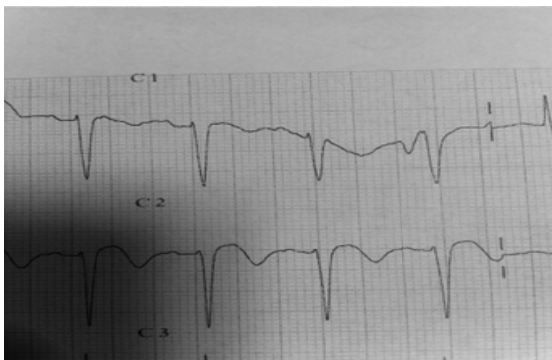


Figure: 2 ECG showing Acute coronary syndrome

A 50-year-old male known case of the myelodysplastic syndrome was assessed for fever with cough and purulent sputum. He went into ARDS, requiring assisted ventilation. Since the temperature persisted, bone marrow biopsy revealed tuberculosis, a gene expert. The liver size was very big and nodular. The infection disease Consultant suggested a liver biopsy, which showed tubercular granuloma. ETT aspiration showed many AFBs. Under observation, he developed the acute coronary syndrome, which was treated. He received ATT treatment, and measures for acute coronary syndrome were given. He improved and was extubated, Vital signs are stable, and he was discharged.

This paper presents a rare combination of disseminated tuberculosis in the lung, Liver, and bone marrow. He survived despite the dissemination of tuberculosis in the lung, Liver, and bone marrow and myelodysplastic syndrome with acute coronary injury with good intensive care. Bone marrow biopsy showing tuberculous granuloma.

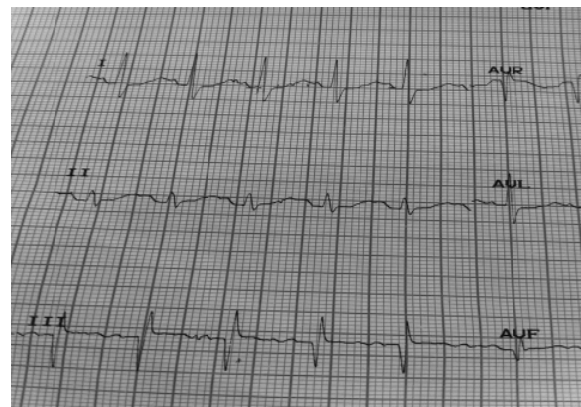


Figure: 3 ECG showing improvement

Conclusion

Disseminated tuberculosis is a mycobacterial infection in which mycobacteria have spread from the lungs to other body parts through the blood or lymph system. The cause of disseminated tuberculosis is poor sanitation, poor nutrition, and very common low socioeconomic

people. Our patient had poor immunity and was suffering from myelodysplastic syndrome.

Reference

1. Mount Sinai 1-800 MD Sinai Miliary tuberculosis; Tuberculosis - disseminated; Extrapulmonary tuberculosis, Medline plus – Disseminated tuberculosis.