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## IMPORTANCE OF EARLY DIAGNOSIS OF ACUTE AORTIC SYNDROME: A CASE REPORT

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### **Abstract**

Aorta is a part of the body that at times can even be considered as a separate entity or as a “whole organ” by considering the diversity of the disease entities that it will give rise to. Acute aortic syndrome encompasses a collection of a few emergency conditions including aortic dissection. Clinical examinations and laboratory testing play a minor role in diagnosis of aortic diseases. On the other hand imaging techniques play an important role in diagnosing the condition. This is a case of a 63 year old male found dead soon after developing a back pain. He has received treatment for backache and raised blood pressure at the outpatient department of a hospital. The postmortem revealed an acute dissection of the thoracic aorta with left haemothorax of 975 ml. The aorta showed two large thoracic and abdominal aneurysms with mural thrombi. A sudden death is a known occurrence in acute aortic dissection and the survival depends on the early diagnosis and medical interventions. Identification of high risk patients during regular clinic visits through radiological studies is important along with simultaneous health education of patients about the existing risks of them. Conduct of further research on this is important to reduce incidence, morbidity and mortality due to this condition.

**Keywords:** aortic diseases, acute aortic dissection, risk assessment