Introduction
Aortic dissection (AD) is considered to be one of the life-threatening diseases, and its quick diagnosis has great significance so that a one-hour delay in treatment leads to a 1-2% increase in mortality. The prevalence of AD is 4-15 in 100,000 population (2, 3). In AD, the intima layer of the aorta is torn, and the blood surges between the intima and medial layers of the aorta, leading to the formation of a false lumen (2). Stanford and DeBakey aortic classification are employed for AD categorization (2). In Stanford aortic classification, if the ascending aorta is involved, it is considered to be type A, otherwise, it is of type B. There are three types in DeBakey aortic classification. Both ascending and descending, only ascending, and only descending the aorta are involved in types I, II, and III, respectively (2). Sharp or stabbing severe chest or back pain, which begins abruptly, are the typical clinical symptoms of AD. Low blood pressure, syncope, neurologic signs are observed in less than 50% of Stanford type A cases. It is occasionally observed as myocardial infarction (MI) and pulmonary embolism (2). In Stanford type A, cardiac signs occur as the coronary arteries are involved, and it occasionally leads to MI (4). Magnetic resonance imaging, computed tomography (CT), and sometimes transesophageal echocardiography are employed to assess and diagnose AD. The sensitivity and specificity of CT-angiography have been far more significant and 100 and 100, respectively (5). The radiologic manifestations of AD in CT-angiography are observed as a split between the intima and medial layers of the aorta and the formation of the lumen (5).

In this study, a 55-year old woman was introduced with atypical manifestation and crescent signs in the mediastinal view of chest CT scan without contrast.
ducts. The time set for the emergency sonography by the radiology ward of the hospital was 10:30. The patient had good general conditions until she fainted when walking toward WC, and thus she was immediately set back to her bed. The patient looked pale and was sweating. Vital signs were measured once again, which were as follow:
Left arm BP = 70/57, right arm BP = 80/60, PR = 87, RR = 22, T = 36.8

Electrocardiogram (ECG) was recorded once again (Figure 1). ECG showed ST depression changes in inferior leads. Therefore, 300 mg chewable aspirin and 300 mg oral clopidogrel were given to the patient according to the ECG changes and weakness, lethargy, low blood pressure, and emerging chest pain, the patient was diagnosed with non-ST elevation MI (non-STEMI), and hence.

In addition, 1000 cc of normal saline serum and 60 mg enoxaparin were injected, and then, she was hospitalized to follow treatment with a cardiologist’s counseling. According to the telephone order of the heart specialist of the hospital, the patient was prepared to dispatch to another hospital by ambulance since our hospital did not have a heart ward. Meanwhile, the chest CT scan was ordered before dispatch in order to refute coronavirus disease-19 (COVID-19) potentiality. In the CT scan, the patient had no damage representing COVID-19. However, a Perl-like image in one cut and a crescent-like image in another cut drew our attention while considering the mediastinal view of the CT scan (Figures 2 and 3). After counseling a radiologist and for proving our diagnosis, the consideration of the artery with CT-angiography was requested and AD diagnosis was approved accordingly (Figures 4 and 5). It should be noted that prescribing a heart rate-lowering drug (e.g., esmolol) for controlling the patient’s heart rate was impossible because of the low blood pressure. The patient was quickly dispatched to the heart hospital and was under operation at 4:45 p.m. In the surgery report sheet, dissection continued until near coronary. Ultimately, the patient was discharged after 17 days.

Discussion

In this report, a patient was introduced with the atypical manifestations of AD such as epigastric and RUQ pain, and Perl and crescent signs in the mediastinal view of the
Atypical Aortic Dissection

Previous studies have reported similar cases of atypical manifestations of AD. For instance, Benbouchta et al presented a case in which the patient referred with chest pain. In ECG, it was inferior STEMI, and the dissected flap was observed while performing echocardiography. Involvement of coronary arteries in Stanford type A, which engages ascending aorta, leads to MI manifestations (4). Similarly, Kang et al reported a 46-year old man with paraplegia, which was caused by mal-perfusion of the lower extremity (6). Likewise, Álvarez et al introduced a 46-year old man with paraplegia, which was caused by lumbosacral plexopathy. AD with blood flow disorder to the spinal cord, neural stems, or plexopathy can lead to paraplegia (7). Eventually, Saunders and Suzuki reported a young male athlete with suprasternal pain. He had pain down in his throat, which frequently stabbed his left shoulder (8).

Conclusion
The presence of calcification on a non-contrast chest CT scan can be considered as a sign of AD. Accordingly, the atypical symptoms of AD should receive special attention.

Conflict of Interest Disclosures
The authors state that they have no conflict of interests.

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Authors' Contributions
SS and GF: The idea of case presentation; SS: Data collection; GF: Original draft preparation; SS and GF: Final approval of case presentation.

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Informed Consent
Patient consent was obtained for the publication of case information.

References