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IMAGES IN INTENSIVE MEDICINE

Congenital absence of the circumflex coronary artery

Ausencia congénita de la arteria coronaria circunfleja

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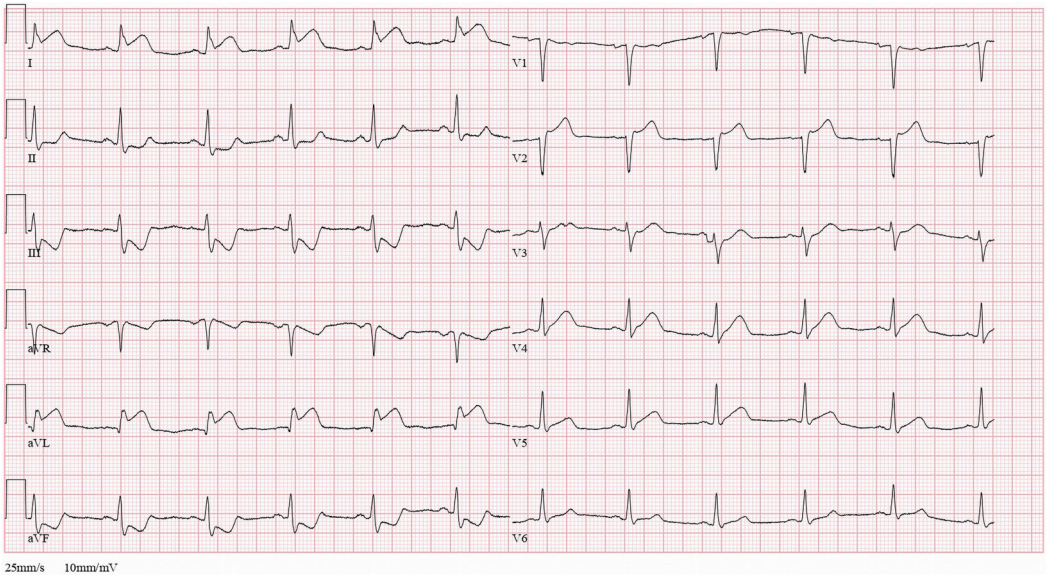

Figure 1

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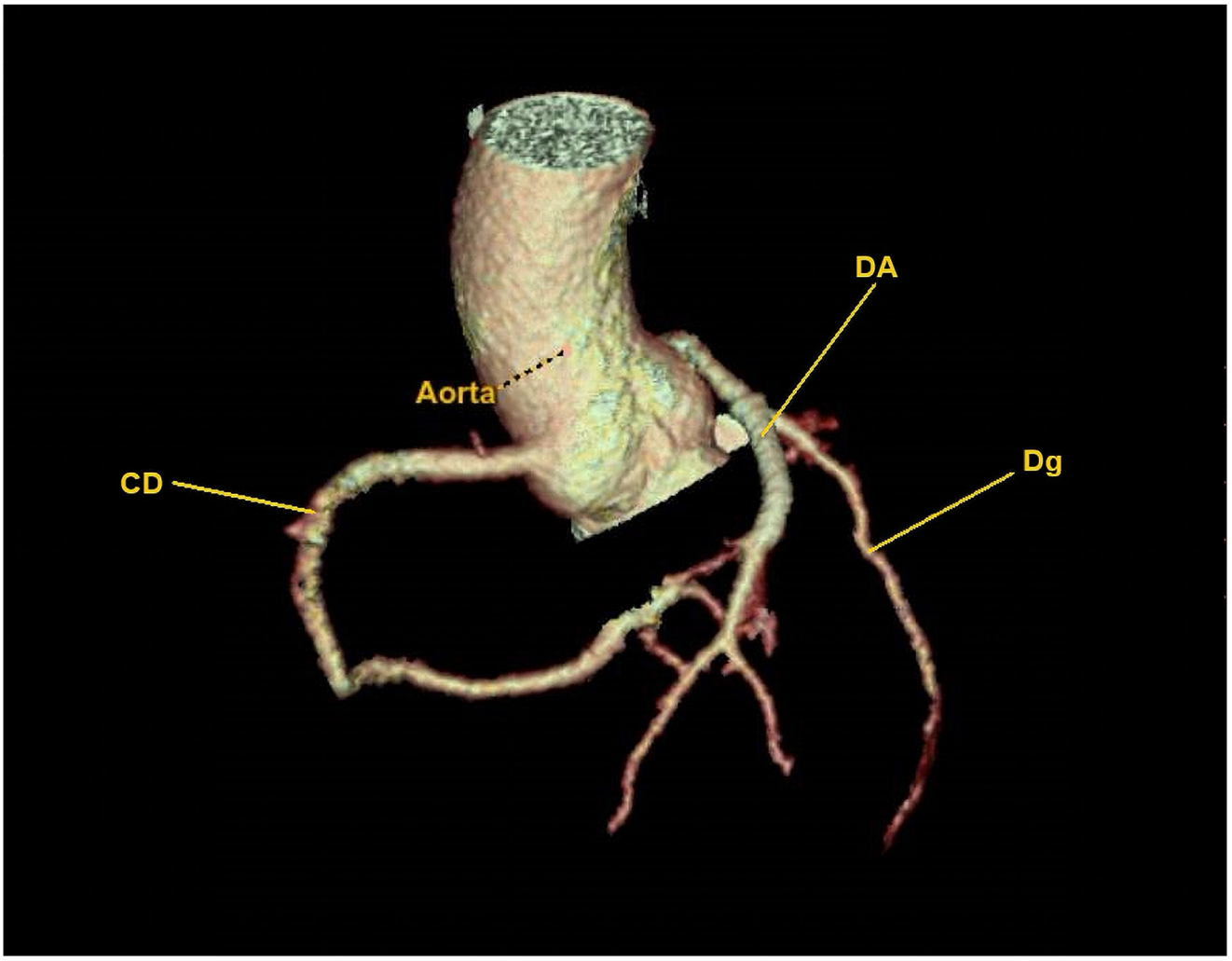

Figure 2

A woman consulted due to chest pain. The electrocardiogram (Fig. 1) was compatible with ST-segment elevation acute coronary syndrome. Urgent coronary angiography was performed, showing a right coronary artery (RC) without lesions, and an anterior descending coronary artery (AD) with abundant thrombotic material, encompassing the root of a large diagonal branch (Dg) with small branches that irrigate the territory of a theoretical circumflex coronary artery (Cx) that could not be visualized. The coronary artery lesions were revascularized. Subsequently, coronary computed tomography angiography (Fig. 2) confirmed congenital absence of the Cx. The patient developed cardiogenic shock due to the large ischemic area.

CRediT authorship contribution statement

All authors have contributed equally to the conception, drafting and final approval of the scientific communication.

Ethical considerations

The instructions for authors and ethical responsibilities have been taken into account. Likewise, the protocols and procedures of the hospital center regarding the publication of patient data, as well as the privacy of the subject, have been followed.

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Declaration of competing interest

None.