

Image Description of Lipomatous Hypertrophy of the Inter-Atrial Septum

Aribal Serkan^{1*}, Ozturk E² and Yalcinkaya E³

¹Aksaz Military Hospital, Radiology Service Marmaris, Mugla, Turkey

²GATA Haydarpasa Teaching Hospital, Department of Radiology Uskudar, Istanbul, Turkey

³Aksaz Military Hospital, Cardiology Service Marmaris, Turkey

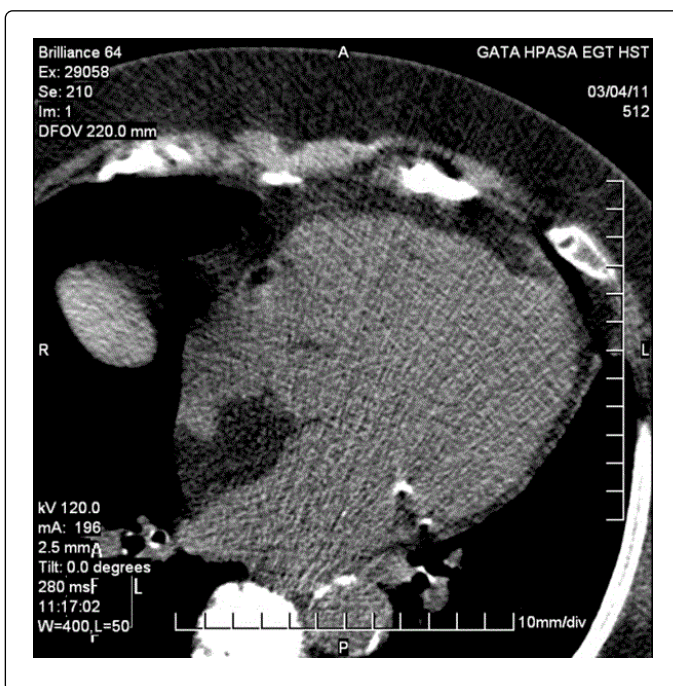
*Corresponding author: Aribal Serkan, Aksaz Military Hospital, Radiology Service Marmaris, Mugla, Turkey, E-mail: serkanaribal@gmail.com

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Image



A 58-year-old female patient was suffering from exertional dyspnea was admitted to our hospital's cardiology service. She was underwent the coronary computed tomography angiography (CTA) for further evaluation. The CTA revealed variable non-critic stenosis through coronary arteries. Also there is an expansion and increase in thickness at inter-atrial septum because of a hypo dense mass-like area. The density of this area is -37 HU which is compatible with fatty tissue. The final diagnosis is lipomatous hypertrophy of the inter-atrial septum (LHIS).

The prevalence of LHIS is estimated to be between 1-8%. It's asymptomatic and detected incidentally in most of the cases. In some cases, there could be superior vena cava obstruction and cardiac rhythm disorders. In these complicated cases the only treatment choice is surgical. However, it is benign in many individuals and often does not warrant any treatment.