

Atrial Myxoma in the Presence of an Interatrial Septal Defect: Uncommon Coexistence of Two Conditions

İnteratriyal Septal Defekt Varlığında Atriyal Miksoma: İki Durumun Nadir Birlikteliği

A 76-year-old woman was referred to our hospital for further evaluation of a secundum-type atrial septal defect (ASD). Transthoracic echocardiography revealed a normal left ventricular size with mild systolic dysfunction, moderate right ventricular enlargement with mild systolic dysfunction, biatrial enlargement, up-to-moderate tricuspid regurgitation, mild pulmonary hypertension, and a secundum-type ASD with a left-to-right shunt. Transesophageal echocardiography showed a secundum-type ASD measuring 14 × 10 mm and a well-defined heterogeneous mass measuring 13 × 9 mm with some calcification on the interatrial septum (Figure 1, Video 1). The tumor was surgically resected, and the ASD was closed using a pericardial patch. Pathological examination confirmed the diagnosis of a myxoma.

CASE IMAGE OLGU GÖRÜNTÜSÜ

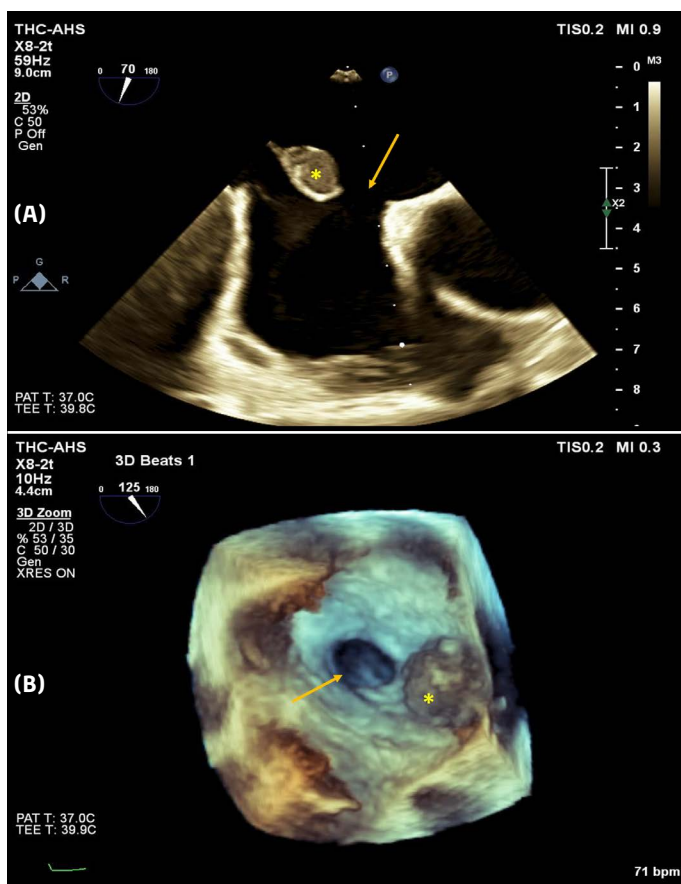


Figure 1. The image depicts a secundum-type atrial septal defect (arrow) and a well-defined heterogeneous mass (*) in two-dimensional (A) and three-dimensional (B) transesophageal echocardiography.

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Received: May 10, 2024
Accepted: June 14, 2024

Cite this article as: Yahyazadeh M, Abbasi K, Shahbazi N, Hosseinsabet A. Atrial Myxoma in the Presence of an Interatrial Septal Defect: Uncommon Coexistence of Two Conditions. *Turk Kardiyol Dern Ars.* 2025;53(2):148–149.

DOI: 10.5543/tkda.2024.28303



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The coexistence of a left atrial myxoma and ASD has been reported in a few cases, with some patients experiencing embolic events. In some instances, the ASD was detected following tumor removal due to occlusion of the defect by the tumor, while in other cases, the tumor was identified during the evaluation of the ASD. Meticulous evaluation of the interatrial septum in the presence of one pathology is essential, not only for a better understanding of the detected condition but also for identifying any incidental findings. Reiterating this point within the context of this intriguing case underscores its significance. Informed consent was obtained.

Informed Consent: Written informed consent was obtained from the patient.

Peer-review: Internally peer-reviewed.

Author Contributions: Concept – M.Y., K.A., N.S., A.H.; Design – M.Y., K.A., N.S., A.H.; Supervision – M.Y., K.A., N.S., A.H.; Resource – M.Y., K.A., N.S., A.H.; Materials – M.Y., K.A., N.S., A.H.; Data Collection and/or Processing – M.Y., K.A., N.S., A.H.; Analysis and/or Interpretation – M.Y., K.A., N.S., A.H.; Literature Review – M.Y., K.A., N.S., A.H.; Writing – M.Y., K.A., N.S., A.H.; Critical Review – M.Y., K.A., N.S., A.H.

Conflict of Interest: The authors have no conflicts of interest to declare.

Funding: The authors declared that this study received no financial support.

Video 1. The video shows a secundum-type atrial septal defect and a well-defined mass on the interatrial septum in transesophageal echocardiography.