Giant sclerosing hemangioma of the lung causing compression to the heart

Sclerosing hemangioma of the lung is a rare tumor with a slow and benign clinical course. A 29-year-old man presented with a complaint of progressive cough lasting for a year. A chest radiograph showed soft-tissue fullness in the right anterior mediastinum (Fig. A). Thoracic computed tomography disclosed a giant mass measuring 8 x 12 cm in the right anterior mediastinum, that displayed relation with the right heart chambers (Fig. B, C). Transthoracic echocardiography showed a solid intrathoracic mass compressing the right atrium and partially the right ventricle (Fig. D, E). Histopathological diagnosis of the resected specimen was sclerosing hemangioma. To our knowledge, it is the first case of sclerosing hemangioma of the lung that caused compression to the right atrium and right ventricle.