A carpenter with tricuspid regurgitation

Per Kvidal and Frank A. Flachskampf*

Uppsala Universitet, Akademiska Sjukhuset, Uppsala, Sweden

* Corresponding author. Tel: +46 18 611 4404, Fax: +46 18 50 92 97, Email: frank.flachskampf@medsci.uu.se

A 65-year-old carpenter consults a cardiologist because of dyspnoea on moderate exertion and palpitations. Clinical and echo evaluation reveals normal left ventricular systolic function, enlarged right heart chambers, and severe tricuspid regurgitation, as well as atrial fibrillation. There is no pulmonary hypertension at rest.

What is the most likely cause of the patient’s complaints, how to examine the differential diagnoses, and how to treat this patient?

Explore the options, consult the guidelines, and learn about the ‘forgotten valve’ in this Interactive Cardiovascular Flashlight from the ESC’s case-based learning series.

The full case on the ESC’s case-based learning is available at http://www.escardio.org/education/eLearning/case-based.

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