Sinus rhythm with an isolated ST-segment elevation in V2

M. E. Menting · R. van Mechelen

Published online: 19 October 2012
© Springer Media / Bohn Stafleu van Loghum 2012

Case

A 76-year-old lady was admitted to the cardiology department with acute typical chest discomfort and dyspnoea. The patient had a medical history of diabetes mellitus type 2, hypercholesterolaemia and chronic obstructive pulmonary disease. Furthermore, she smoked 12 cigarettes a day. The patient had no history of heart disease. On physical examination no abnormalities were observed. Laboratory tests

revealed a troponin-I of 4.91 µg/L and a CK of 212 U/L with a peak value of 660 U/L within 24 h after admission. The 12-lead ECG (Fig. 1) showed a sinus rhythm with a rate of 69 beats/min, normal conduction times and an isolated ST-segment elevation in V2. What is the diagnosis?

Answer

You will find the answer elsewhere in this issue.

Fig. 1 12-lead electrocardiogram

M. E. Menting · R. van Mechelen (✉)
Department of Cardiology, Sint Franciscus Gasthuis Rotterdam,
PO Box 10900, 3004 BA, Rotterdam, the Netherlands
e-mail: rvm@chello.nl

R. Mechelen
e-mail: robvanmechelen@hotmail.com