CLINICAL SNAPSHOT

A Middle-Aged Woman with Pressure in the Chest

Coronary angiography in severe three vessel disease

A 44-year-old woman came to the emergency room complaining of a retro-sternal pressure sensation of a few hours' duration, radiating into the right shoulder. A mother of two, she had had poliomyelitis in her youth and suffered from residual gait difficulties and chronic back pain. She had no known cardiovascular risk factors. The 12-lead ECG recorded on admission revealed acute elevations in the aVR lead and ST-segment depressions in V5 and V6. In patients with a suspected acute coronary syndrome, elevations in aVR with an amplitude greater than 0.1 mV portend an unfavorable prognosis and are associated with main-stem stenosis or severe three-vessel coronary artery disease. The latter was confirmed at coronary angiography, which was performed immediately after the ECG changes had been noted.

**Prof. Dr. med. Michael Christ, Dr. med. Konrad Schröpfer,
Dr. med. Marcus Gnad** Universitätsklinikum für Notfall- und
Internistische Intensivmedizin, Paracelsus Medizinische
Privatuniversität, Nürnberg, Michael.Christ@klinikum-nuernberg.de

Conflict of interest statement

The authors declare that no conflict of interest exists.

Cite this as: Christ M, Schroepfer K, Gnad M: A middle-aged woman with pressure in the chest.
Dtsch Arztebl Int 2017; 114: 83. DOI: 10.3238/arztebl.2017.0083

Translated from the original German by Ethan Taub, M.D.