

## Diagnostik der akuten Myokarditis

M. Wein, R. Banach, A. Wolf-Pütz, B. Skutta, B.-E. Strauer, R. M. Klein

aus BDI aktuell 3/2008

- 1** Abdel-Aty H, Zagrosek A, Schulz-Menger J. et al. **Delayed enhancement and T2-weighted cardiovascular magnetic resonance imaging differentiate acute from chronic myocardial infarction.** Circulation 2004; 109: 2411-2416
- 2** Abdel-Aty H, Boyé P, Zagrosek A. et al. **Diagnostic performance of cardiovascular magnetic resonance in patients with suspected acute myocarditis.** J Am Coll Cardiol 2005; 45: 1815-22
- 3** Aretz HT, Billingham ME, Edwards WD. et al. **Myocarditis: a histopathologic definition and classification.** Am J Cardiovasc Pathol 1987; 1: 3-14
- 4** Assomull RG, Prasad SK, Lyne J. et al. **Cardiovascular magnetic resonance, fibrosis, and prognosis in dilated cardiomyopathy.** J Am Coll Cardiol 2006; 48: 1977-85
- 5** Chow LH, Radio SJ, Sears TD, McManus BM. **Insensitivity of right ventricular endomyocardial biopsy in the diagnosis of myocarditis.** J Am Coll Cardiol 1989; 14: 915-920
- 6** D'Ambrosio A, Patti G, Manzoli A. et al. **The fate of acute myocarditis between spontaneous improvement and evolution of dilated cardiomyopathy: a review.** Heart 2001; 85: 499-504
- 7** De Cobelli F, Pieroni M, Esposito A. et al. **Delayed gadolinium-enhanced cardiac magnetic resonance in patients with chronic myocarditis presenting with heart failure or recurrent arrhythmias.** J Am Coll Cardiol 2006; 47: 1649-54
- 8** Di Bella G, de Gregorio C, Minutoli F. et al. **Early diagnosis of focal myocarditis by cardiac magnetic resonance.** Int J Cardiol 2007; 117: 280-81
- 9** Feldman AM, McNamara D. **Myocarditis.** N Engl J Med 2000; 343: 1388-1398
- 10** Friedrich M, Strohm O, Schulz-Menger J, Marciniak H, Luft FC, Dietz R. **Contrast media-enhanced magnetic resonance imaging visualizes myocardial changes in the course of viral myocarditis.** Circulation 1998; 97: 1802-09
- 11** Hauck AJ, Kearney DL, Edwards WD. **Evaluation of postmortem endomyocardial biopsy specimens from 38 patients with lymphocytic myocarditis: implications for the role of sampling error.** Mayo Clin Proc 1989; 64: 1235-45
- 12** Hunold P, Schlosser T, Vogt F. et al. **Myocardial late enhancement in contrast-enhanced cardiac mri: distinction between infarction scar and non-infarction-related disease.** AJR 2005; 184: 1420-1426
- 13** Kühl U, Pauschinger M, Schwimmbeck PL. et al. **Interferon-beta treatment eliminates cardiotropic viruses and improves left ventricular function in patients with myocardial persistence of viral genomes and left ventricular dysfunction.** Circulation 2003; 107: 2793-2798
- 14** Kühl U, Pauschinger M, Bock T. et al. **PVB19 infection mimicking acute myocardial infarction.** Circulation 2003; 108: 945-950

- 15** Kühl U, Lassner D, Noutsias M. et al. **Prävalenz von Herpesvirus Typ 6 Subtypen bei Patienten mit klinischem V.a. Myokarditis und dilatativer/entzündlicher Kardiomyopathie.** Clin Res Cardiol 2007; 96: Suppl1 V354
- 16** Laissy JP, Hyafil F, Feldman LJ. et al. **Differentiating acute myocardial infarction from myocarditis: diagnostic value of early- and delayed-perfusion cardiac mr-imaging.** Radiology 2005; 237: 75-82
- 17** Lieberman EB, Hutchins GM, Herskowitz A, Rose NR, Baughman KL. **Clinicopathologic description of myocarditis.** J Am Coll Cardiol 1991; 18: 1617-26
- 18** Liu P, Yan A. **Cardiovascular magnetic resonance for the diagnosis of acute myocarditis.** J Am Coll Cardiol 2005; 45: 1823-25
- 19** Mahrholdt H, Goedecke C, Wagner A. et al. **Cardiovascular magnetic resonance assessment of human myocarditis. A comparison to histology and molecular pathology.** Circulation 2004; 109: 1250-1258
- 20** Mahrholdt H, Wagner A, Deluigi C. et al. **Presentation, patterns of myocardial damage, and clinical course of viral myocarditis.** Circulation 2006; 114: 1581-1590
- 21** Maisch B, Alter P, Karatolius K, Ruppert V, Pankuweit S. **Das Herz bei viralen, bakteriellen und parasitären Infektionen.** Internist 2007; 48: 255-267
- 22** Maisch B, Portig I, Ristic A, Hufnagel G, Pankuweit S. **Definition of inflammatory cardiomyopathy (myocarditis): on the way to consensus.** A status report. Herz 2000; 25: 200-209
- 23** McCrohon JA, Moon JC, Prasad SK. et al. **Differentiation of heart failure related to dilated cardiomyopathy and coronary artery disease using gadolinium enhanced cardiovascular magnetic resonance.** Circulation 2003; 108: 54-59
- 24** Pankuweit S, Ruppert V, Balbach A, Eckhardt H, Maisch B. **Prävalenz von Parvovirus B19 Genotyp 1 - 3 in Endomyokardbiopsien von 170 Patienten.** Clin Res Cardiol 2007; 96: Suppl 1 V352
- 25** Pauschinger M, Noutsias M, Lassner D, Schultheiss HP, Kühl U. **Inflammation, ECG changes and pericardial effusion. Whom to biopsy in suspected myocarditis?** Clin Res Cardiol 2006; 95: 569-583
- 26** Skouri HN, Dec GW, Friedrich MG, Cooper LT. **Noninvasive imaging in myocarditis.** J Am Coll Cardiol 2006; 48: 2085-93
- 27** Vöhringer M, Mahrholdt H, Sechtem U. **Significance of late gadolinium enhancement in cardiovascular magnetic resonance imaging (cmr).** Herz 2007; 32: 129-37
- 28** Young NS, Brown KE. **Parvovirus B19.** N Engl J Med 2004; 350: 586-597