

8 Myokardbiopsie

- [1] Goldberger E. Endomyocardial biopsy. *Am J Cardiol* 14:723, 1964
- [2] Sutton DC, Sutton GC. Needle biopsy of the human ventricular myocardium: review of 54 consecutive cases *Am Heart J* 60:364–70, 1960
- [3] Gleichmann U, Vlachakis N, Tsilos T. Zur Entstehung des Herzspitzenstoßes und Deutung systolischer Formveränderungen des Apexkardiogramms. *Z Kreislaufforsch* 60:789–807, 1971
- [4] Brock R, Milstein BB, Ross DN. Percutaneous left ventricular puncture in the assessment of aortic stenosis. *Thorax* 11:163–70, 1956
- [5] Sakakibara S, Konno S. Endomyocardial biopsy. *Jpn Heart J* 3:537–43, 1962
- [6] Bercu B, Heinz J, Choudhry AS et al. Myocardial biopsy. A new technic utilizing the ventricular septum. *Am J Cardiol* 14:675–8, 1964
- [7] Caves PK, Stinson EB, Graham AF et al. Percutaneous transvenous endomyocardial biopsy. *JAMA* 225:288–91, 1973
- [8] Richardson PJ. King's endomyocardial biptome. *Lancet* 1(7859):660–1, 1974
- [9] Anderson JL, Marshall HW. The femoral venous approach to endomyocardial biopsy: comparison with internal jugular and transarterial approaches. *Am J Cardiol* 53:833–7, 1984
- [10] Singh V, Mendirichaga R, Savani GT et al. Comparison of utilization trends, indications, and complications of endomyocardial biopsy in native versus donor hearts (from the Nationwide Inpatient Sample 2002 to 2014). *Am J Cardiol* 121:356–63, 2018
- [11] Elbadawi A, Elgendy IY, Ha LD et al. National trends and outcomes of endomyocardial biopsy for patients with myocarditis: from the National Inpatient Sample Database. *J Card Fail* 24:337–41, 2018
- [12] Yilmaz A, Kindermann I, Kindermann M et al. Comparative evaluation of left and right ventricular endomyocardial biopsy: differences in complication rate and diagnostic performance. *Circulation* 122:900–9, 2010
- [13] Killu AM, Mehta N, Zheng Q et al. Endomyocardial biopsy at the time of ablation or device implantation. *J Interv Card Electrophysiol* 52:163–9, 2018
- [14] Schäufele TG, Spittler R, Karagianni A et al. Transradial left ventricular endomyocardial biopsy: assessment of safety and efficacy. *Clin Res Cardiol* 104:773–81, 2015
- [15] Drury JH, Labovitz AJ, Miller LW. Echocardiographic guidance for endomyocardial biopsy. *Echocardiography* 14:469–74, 1997
- [16] Hiramitsu S, Hiroe M, Uemura A et al. National survey of the use of endomyocardial biopsy in Japan. *Jpn Circ J* 62:909–12, 1998
- [17] Han J, Park Y, Lee H et al. Complications of 2-D echocardiography guided transfemoral right ventricular endomyocardial biopsy. *J Korean Med Sci* 21:989–94, 2006
- [18] Sloan KP, Bruce CJ, Oh JK et al. Complications of echocardiography-guided endomyocardial biopsy. *J Am Soc Echocardiogr* 22:324.e1–4, 2009
- [19] From AM, Maleszewski JJ, Rihal CS. Current status of endomyocardial biopsy. *Mayo Clin Proc* 86:1095–102, 2011
- [20] Liang JJ, Hebl VB, DeSimone CV et al. Electrogram guidance: a method to increase the precision and diagnostic yield of endomyocardial biopsy for suspected cardiac sarcoidosis and myocarditis. *JACC Heart Fail* 2:466–73, 2014
- [21] Casella M, Pizzamiglio F, Dello Russo A et al. Feasibility of combined unipolar and bipolar voltage maps to improve sensitivity of endomyocardial biopsy. *Circ Arrhythm Electrophysiol* 8:625–32, 2015
- [22] Yankah AC, Musci M, Weng Y et al. Tricuspid valve dysfunction and surgery after

- orthotopic cardiac transplantation. *Eur J Cardiothorac Surg* 17:343–8, 2000
- [23] Nguyen V, Cantarovitch M, Cecere R et al. Tricuspid regurgitation after cardiac transplantation: how many biopsies are too many? *J Heart Lung Transplant* 24(7 Suppl):S227–31, 2005
- [24] Tucker PA II, Jin BS, Gaos CM et al. Flail tricuspid leaflet after multiple biopsies following orthotopic heart transplantation: echocardiographic and hemodynamic correlation. *J Heart Lung Transplant* 13:466–72, 1994
- [25] Burgess MI, Aziz T, Yonan N. Clinical relevance of subclinical tricuspidal regurgitation after orthotopic cardiac transplantation. *J Am Soc Echocardiogr* 12:164, 1999
- [26] Jeevanandam V, Russell H, Mather P et al. Donor tricuspid annuloplasty during orthotopic heart transplantation: long-term results of a prospective controlled study. *Ann Thorac Surg* 82:2089–95, 2006
- [27] Sandhu JS, Uretsky BF, Zerbe TR et al. Coronary artery fistula in the heart transplant patient. A potential complication of endomyocardial biopsy. *Circulation* 79:350–6, 1989
- [28] Assomull RG, Lyne JC, Keenan N et al. The role of cardiovascular magnetic resonance in patients presenting with chest pain, raised troponin, and unobstructed coronary arteries. *Eur Heart J* 28:1242–9, 2007
- [29] Baccouche H, Mahrholdt H, Meinhardt G et al. Diagnostic synergy of non-invasive cardiovascular magnetic resonance and invasive endomyocardial biopsy in troponin-positive patients without coronary artery disease. *Eur Heart J* 30:2869–79, 2009
- [30] Gutberlet M, Lücke C, Krieghoff C et al. MRI für die Myokarditis-Diagnose. *Radio-loge* 53:30–7, 2013
- [30] Meléndez-Ramírez G, de Micheli A, Soto ME et al. Agreement between ST elevation and late enhancement evaluated by MRI in patients with acute myocarditis. *J Electrocardiol* 47:212–8, 2014
- [31] Besler C, Schuler G, Lurz P. Myocarditis in the differential diagnosis of cardiomyopathies. Endomyocardial biopsy or MRI? *Herz* 40:607–15, 2015
- [32] Finsterer J, Stöllberger C. Consider differentials of MRI myocarditis in noncompaction. *J Clin Diagn Res* 10:OL01–2, 2016
- [33] Gutersohn A, Zimmermann U, Bartel T et al. A rare case of acute 'infective' myocardial infarction triggered by acute parvovirus B19 myocarditis. *Nat Clin Pract Cardiovasc Med* 2:167–71, 2005
- [34] Yilmaz A, Mahrholdt H, Athanasiadis A et al. Coronary vasospasm as the underlying cause for chest pain in patients with PVB19 myocarditis. *Heart* 94:1456–63, 2008
- [35] Cooper LT, Baughman KL, Feldman AM et al. The role of endomyocardial biopsy in the management of cardiovascular disease: a scientific statement from the American Heart Association, the American College of Cardiology, and the European Society of Cardiology. *Eur Heart J* 28:3076–93, 2007
- [36] Deckers JW, Hare JM, Baughman KL. Complications of transvenous right ventricular endomyocardial biopsy in adult patients with cardiomyopathy: a seven-year survey of 546 consecutive diagnostic procedures in a tertiary referral center. *J Am Coll Cardiol* 19:43–7, 1992