

CT-MASS[®] References

- 1. Greenberg S.**
Can multi-detector computed tomography be used for quantitative ventricle function evaluation of children with heart disease and adults with congenital heart disease?
Eur Radiol 2004; 14: R12.
- 2. Juergens K, Seifarth H, Maintz D, Grude M, Heindel W, Fischbach R.**
Determination of cardiac function using 16-channel multidetector-row computed tomography: are parameters derived from axial reformations reliable in comparison to short-axis analysis and cine magnetic resonance imaging?
Eur Radiol 2004; 14: R13.
- 3. Schlosser T, Pagonidis K, Herborn CU, Huold P, Waltering K-U, Lauenstein TC, Barkhausen J.**
Assessment of left ventricular parameters using 16-MDCT and new software for endocardial and epicardial border delineation.
American Journal of Roentgenology 2005; 184: 765-73.
- 4. Marquering HA, Dijkstra J, Koning PJH de, Stoel BC, Reiber JHC.**
Towards quantitative analysis of coronary CTA.
Int J Cardiovasc Imaging 2005; 21: 73-84.
- 5. Sanderse M, Marquering HA, Hendriks E, Lugt A van der, Reiber JHC.**
Automatic initialization algorithm for carotid artery segmentatio in CTA images.
MICCAI 2005: J. Duncan, G. Gerig (Eds.). Springer-Verlag Berlin, 2005: 846-53.
- 6. Dirksen MS, Jukema JW, Bax JJ, Lamb HJ, Boersma E, Tuinenburg JC, Geleijns J, Wall EE van der, and Roos A de.**
Cardiac multidetector-row computed tomography in patients with unstable angina.
Am J Cardiol 2005; 95: 457-61.
- 7. Salm LP, Bax JJ, Jukema JW, Schuijf JD, Vliegen HW, Lamb HJ, Wall EE van der, Roos A de.**
Comprehensive assessment of patients after coronary artery bypass grafting by 16-detector-row computed tomography.
Am Heart J 2005; 150: 775-81.
- 8. Fischbach R, Juergens KU, Ozgun M, Maintz D, Grude M, Seifarth H, Heindel W, Wichter T.**
Assessment of regional left ventricular function with multidetector-row computed tomography versus magnetic resonance imaging.

Eur Radiol DOI 10.1007/s00330-006-0438-4.

- 9. Schuijf JD, Bax JJ, Salm LP, Jukema JW, Lamb HJ, Wall EE van der, Roos A de.**
Noninvasive coronary imaging and assessment of left ventricular function using 16-slice computed tomography.
Am J Cardiol 2005; 95: 571-574.
- 10. Schuijf JD, Bax JJ, Jukema JW, Lamb HJ, Vliegen HW, Salm LP, Roos A de, Wall EE van der.**
Noninvasive angiography and assessment of left ventricular function using multislice computed tomography in patients with type 2 diabetes.
Diabetes Care 2004; 27 (12): 2905-2910.
- 11. Schuijf JD, Bax JJ, Jukema JW, Lamb HJ, Vliegen HW, Wall EE van der, Roos A de.**
Noninvasive evaluation of the coronary arteries with multislice computed tomography in hypertensive patients.
Hypertension 2005; 45: 227-232.
- 12. Doğan H, Kroft LJM, Bax JJ, Schuijf JD, Geest RJ van der, Doornbos J, Roos A de.**
MDCT assessment of right ventricular systolic function.
AJR 2006; 186: S366-S370.
- 13. Dogan H, Kroft LJM, Huisman MV, Geest RJ van der, Roos A de.**
Right ventricular function in patients with acute pulmonary embolism: analysis with electrocardiography-synchronized multi-detector row CT.
Radiology 2007; 242 (1): 78-84.
- 14. Schuijf JD, Bax JJ, Jukema JW, Lamb HJ, Salm LP, Roos A de, Wall EE van der.**
Assessment of left ventricular volumes and ejection fraction with 16-slice multi-slice computed tomography; comparison with 2D-echocardiography.
Int J Cardiology 2007; 116: 201-205.
- 15. Henneman MM, Schuijf JD, Dibbets-Schneider P, Stokkel MP, Geest RJ van der, Wall EE van der, Bax JJ.**
Comparison of multislice computed tomography to gated single-photon emission computed tomography for imaging of healed myocardial infarcts.
Am J Cardiol 2008; 101: 144-148.
- 16. Doğan H, Veldkamp WJH, Dibbets_Schneider P, Spijkerboer AM, Mertens BJA, Kroft LJM, Roos A de, Geleins J**
Effects of heart rate, filling and slice thickness on the accuracy of left ventricular volume measurements in a dynamic cardiac phantom using ECG-gated MDCT.
Br J Radiol 2008; 81: 577-582.
- 17. Schroeder S, Achenbach S, Bengel F, Burgstahler C, Cademartiri F, Feyter P de, George R, Kaufmann P, Kopp AF, Knuuti J, Ropers D, Schuijf J, Tops LF, Bax JJ.**

Cardiac computed tomography: indications, applications, limitations, and training requirements. Report of a writing group deployed by the Working Group Nuclear Cardiology and Cardiac CT of the European Society of Cardiology and the European Council of Nuclear cardiology.

Eur Heart J 2008; 29: 531-556.

18. Groen JM, Vleuten PA van der, Greuter MJW, Zijlstra F, Oudkerk M.

Comparison of MRI, 64-slice MDCT and DSCT in assessing functional cardiac parameters of a moving heart phantom.

Eur Radiol 2009;19:577-583.

19. Truong QA, Singh JP, Cannon CP, Sarwar A, Nasir K, Auricchio A, Faletra FF, Sorgente A, Conca C, Moccetti T, Handschumacher M, Brady TJ, Hoffmann U.

Quantitative analysis of intraventricular dyssynchrony using wall thickness by multidetector computed tomography.

J Am Coll Cardiol Img 2008;1:772-81.

20. Doğan H, Kroft LJM, Huisman MV, Geest R van der, O YL, Lamb HJ, Roos A de.

Assessment of right ventricular function in acute pulmonary embolism using ECG-synchronized MDCT

AJR 2010; 195: 909-915

21. Schuleri KH, Centalo M, Choi SH, Evers KS, Dawoud F, George RT, Lima JC, Lardo AC

CT for evaluation of myocardial cell therapy in heart failure. A comparison with CMR imaging.

J Am Coll Cardiol Img 2011; 4: 1284-93

22. Siegel E, Thai W-E, Techasith T, Major G, Szymonifka J, Tawakol A, Nagurney JT, Hoffmann U, Truong QA

Aortic distensibility and its relationship to coronary and thoracic atherosclerosis plaque and morphology by MDCT; insights from the ROMICAT Trial

Int J Cardiol 2013; 167: 1616-1621