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(56) References cited:
• **VON BERG, J., LORENZ C.: "ACCURATE LEFT ATRIUM SEGMENTATION IN MULTISLICE CT IMAGES USING A SHAPE MODEL" PROCEEDINGS OF THE SPIE, vol. 5747, April 2005 (2005-04), pages 351-360, XP002388804**
• **CHEN C. W., LUO J., PARKER K. J., HUANG T. S.: "CT volumetric data-based left ventricle motion estimation: an integrated approach" COMPUTERIZED MEDICAL IMAGING AND GRAPHICS, vol. 19, no. 1, 1995, pages 85-100, XP002388805**
• **MCINERNEY T ET AL: "Deformable Models in Medical Analysis: A Survey" MEDICAL IMAGE ANALYSIS, OXFORDUNIVERSITY PRESS, OXFORD, GB, vol. 1, no. 2, June 1996 (1996-06), pages 91-108, XP002230283 ISSN: 1361-8423 cited in the application**

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