

Name of Journal: *World Journal of Radiology*

Manuscript: BASIC STUDY

Manuscript Title:

Effect of varying CT acquisition and reconstruction parameters on semi-automated clot volume quantification

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作者： MJ Willemink - 2013 - 被引用次数： 25 - 相关文章

2013年2月27日 - Volumetric nodule measurements were performed with **semi-automatic** software on thin slice reconstructions. ... (2013) The **Effects** of Computed Tomography with Iterative **Reconstruction** on Solid Pulmonary Nodule **Volume Quantification**. ... **CT** scans were reconstructed using FBP and **different** IR levels.

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Usefulness of three-dimensional automated quantification of left ...

[www.journal-of-cardiology.com/article/S0914-5087\(08\)00213-X/fulltext](http://www.journal-of-cardiology.com/article/S0914-5087(08)00213-X/fulltext) - 翻译此页

作者： T Okuyama - 2008 - 被引用次数： 16 - 相关文章

Patients; MSCT image **acquisition and reconstruction**; Analysis of LV mass, **volume**, and function. Novel 3D region-growing-based **semi-automated** segmentation algorithm (CIRCULATION 2 software); Conventional 2D manual contour-drawing algorithm (ARGUS software). Inter- and intraobserver variabilities; Statistical ...

[PDF] Development and evaluation of CT acquisition and analysis methods...

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Computer analysis of computed tomography scans of the lung: a survey

I Sluimer, A Schilham, M Prokop... - IEEE transactions on ..., 2006 - ieeexplore.ieee.org

... PVE Partial volume effect ... Low resolution re- sulted in large partial volume effects (PVEs) and the large dif- ference in attenuation values between tissue and air ... It is often clinically important to determine whether a disease affects one or more lobes, for example when lobar ...

☆ 99 被引用次数: 513 相关文章 所有 11 个版本

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Usefulness of three-dimensional automated quantification of left ventricular mass, volume, and function by 64-slice computed tomography

T Okuyama, S Ehara, N Shirai... - Journal of ..., 2008 - journal-of-cardiology.com

... Many previous studies examining the prognostic effects of LV hypertrophy (LVH) have ... the introduction of retrospectively electrocardiogram (ECG)-gated multislice computed tomography (MSCT) has ... gated image acquisition, cardiac MSCT provides images at different phases of ...

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Post-processing applications in thoracic computed tomography

SLF Walsh, A Nair, DM Hansell - Clinical radiology, 2013 - dmidjournal.com

... Email the author DM Hansell. Post-processing applications in thoracic computed tomography. DOI: <http://dx.doi.org> ... Volumetric analysis of a pulmonary nodule is performed following a VR reconstruction; the mean ... Computer and observer results for six CT images using the AMFM ...

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Standardized three-dimensional volumes of interest with adapted surfaces for more precise subchondral bone analyses by micro-computed tomography

C Marchand, H Chen, MD Buschmann... - ... Engineering Part C ..., 2011 - online.liebertpub.com

... Drilling and microfracture lead to different bone structure and necrosis during bone-marrow e, LR, Gabel, AA, and Weisbrode, S. Effect of subchondral

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Automated quantification of coronary plaque with computed tomography

<https://academic.oup.com/eurheartj/article/33/8/1007/446005> ▼ 翻译此页

作者: MJ Boogers - 2012 - 被引用次数: 130 - 相关文章

2012年1月26日 - AbstractAims. Previous studies have used semi-automated approaches for coronary plaque quantification on multi-detector row computed tomography (CT), while an. ... European Heart Journal, Volume 33, Issue 8, 1 April 2012, Pages 1007–1016, <https://doi.org/10.1093/eurheartj/ehr465>. Published:..

Journal of Computer Assisted Tomography | RG Impact & Description ...

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journals.sagepub.com/doi/pdf/10.1177/1358863X16629727 - 翻译此页

作者: NC Batagini - 2016 - 被引用次数: 6 - 相关文章

vivo AAA wall properties, as well as the AAA volume, can be estimated using computed tomography (CT), followed by a geometric reconstruction and analysis, a technique that involves exposure to radiation and is not cost-effective for the follow-up of a small AAA. On the other hand, ultra- sound (US)-based aneurysm ...

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作者: AJ Riordan - 2014 - 相关文章

Chapter 6 Comparison of partial volume effects in arterial and venous contrast curves in CT brain without administering excessive CT dose, effects of different noise or tube settings. (mAs) cannot be determined.