

**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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## The Effects of Computed Tomography with Iterative Reconstruction on ...

[journals.plos.org/plosone/article?id=10.1371/journal.pone.0058053](https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0058053) ▾ 翻译此页

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.

缺少字词: elot

## 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

[\[PDF\] researchgate.net](#)

## 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 ...

☆ 99 被引用次数: 16 相关文章 所有 9 个版本

[\[HTML\] journal-of-cardiology.com](#)[Full View](#)

## Post-processing applications in thoracic computed tomography

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

☆ 99 被引用次数: 14 相关文章 所有 8 个版本

## 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

[\[PDF\] psu.edu](#)



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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 ...

[https://www.researchgate.net/.../0363-8715\\_Journal\\_of\\_Computer\\_Assisted\\_...](https://www.researchgate.net/.../0363-8715_Journal_of_Computer_Assisted_...) ▼ 翻译此页

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### Volumetry and biomechanical parameters detected by 3D and 2D ...

<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 ...

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

<https://dspace.library.uu.nl/bitstream/handle/1874/301742/riordan.pdf?...1> ▼ 翻译此页

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. ....