




In vivo evaluation of early renal damage in type 2 diabetic patients on 3.0 T MR 



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作者：JY Kaimori - 2017 - [被引用次数：1](#) - [相关文章](#)

2017年7月18日 - To date, *DTI* has been trialed for the *evaluation* of *kidney* tissue *damage* in CKD *patients*, including glomerulonephritis, *diabetic* nephropathy, and ... and 3 h also showed no significant difference (one-sample *t*-test, $p = 0.56$). Figure 1. Figure 1. Confirmation of feasibility of long *DTI MRI* measurement with a ...

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作者：L Lu - 2011 - [被引用次数：56](#) - [相关文章](#)

2011年10月18日 - Key Words: *Diabetic* nephropathy, Chronic kidney disease, Magnetic resonance imaging, Diffusion parameters, *Diffusion tensor imaging* ... Magnetic resonance imaging (*MRI*) techniques, specifically quantitative diffusion *MRI* methods, may offer the opportunity to noninvasively identify *early renal damage*.

缺少字词：*vivo 3.0*

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2018年3月10日 - Intravoxel incoherent motion (IVIM) at *3.0 T*: *evaluation* of *early renal* function changes in *type 2 diabetic patients*. Authors; Authors and ... *Early diabetic* nephropathy Microalbuminuria *Diffusion-weighted imaging* (DWI) Intravoxel incoherent motion (IVIM) Magnetic resonance *imaging* (*MRI*). You-Zhen Feng ...

Name of Journal: *World Journal of Radiology*

Manuscript NO: 39688

Manuscript Type: Original Article

Prospective Study

In vivo evaluation of early renal damage in type 2 diabetic patients on 3.0 T

MR diffusion tensor imaging

Yu-Ting Wang, Xiong Yan, Hong Pu, Long-Lin Yin

Abstract

AIM

To investigate the utility of renal Diffusion Tensor Imaging (DTI) to detect

early renal damage in patients with type 2 diabetes.

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2013年9月25日 - Functional renal [MR](#) approaches render added value for [MRI](#) over other ... and triple the standard doses) of Gd contrast in [patients](#) with [renal failure](#) and Kidney diffusion-weighted imaging using [DTI](#) methods. Yet another study of [type-2 diabetic patients](#) (CKD stages 1–4) using [3.0 T MRI](#) found no ...

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evaluation of **early** renal function changes in **type 2** ... Methods: A total of 40 **patients** with **type 2 diabetes** mellitus ... travoxel incoherent motion **diffusion-weighted imaging** ... **3.0-T MRI** system (MR750, GE Healthcare, WI, USA) **renal damage** when DN is still in the insidious stage, and (2014) In **vivo evaluation** of renal.

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作者：S Kancharla - 2016 - 被引用次数：4 - 相关文章

2016年10月21日 - One month later, **diffusion tensor MRI (DTI)** was performed to ... Our results suggest that streptozotocin-induced **diabetes** leads to **early injury** in the ... and 60% of **patients** with **type 2 diabetes** had some degree of **diabetic** retinopathy. **MR** images and the rat brain atlas [41] at Bregma -2.0 mm and -3.0 mm ...