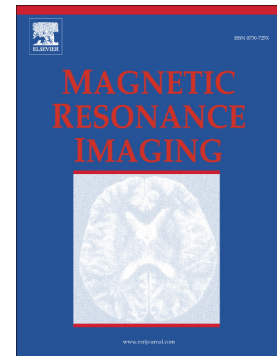


Accepted Manuscript

Influence of arterial input function (AIF) on quantitative prostate dynamic contrast-enhanced (DCE) MRI and zonal prostate anatomy

F. Ziayee, A. Müller-Lutz, J. Gross, M. Quentin, T. Ullrich, P. Heusch, C. Arsov, R. Rabenalt, P. Albers, G. Antoch, H.J. Wittsack, L. Schimmöller



PII: S0730-725X(18)30212-1
DOI: doi:[10.1016/j.mri.2018.06.004](https://doi.org/10.1016/j.mri.2018.06.004)
Reference: MRI 8977
To appear in: *Magnetic Resonance Imaging*
Received date: 29 March 2018
Revised date: 7 June 2018
Accepted date: 10 June 2018

Please cite this article as: F. Ziayee, A. Müller-Lutz, J. Gross, M. Quentin, T. Ullrich, P. Heusch, C. Arsov, R. Rabenalt, P. Albers, G. Antoch, H.J. Wittsack, L. Schimmöller, Influence of arterial input function (AIF) on quantitative prostate dynamic contrast-enhanced (DCE) MRI and zonal prostate anatomy. *Mri* (2017), doi:[10.1016/j.mri.2018.06.004](https://doi.org/10.1016/j.mri.2018.06.004)

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

Influence of arterial input function (AIF) on quantitative prostate dynamic contrast-enhanced (DCE) MRI and zonal prostate anatomy

Ziayee F¹, Müller-Lutz A¹, Gross J¹, Quentin M¹, Ullrich T¹, Heusch P¹, Arsov C², Rabenalt R², Albers P², Antoch G¹, Wittsack HJ¹, Schimmöller L¹

¹University Dusseldorf, Medical Faculty, Department of Diagnostic and Interventional Radiology, D-40225 Dusseldorf, Germany

²University Dusseldorf, Medical Faculty, Department of Urology, D-40225 Dusseldorf, Germany

Keywords:

Arterial input function; Quantitative perfusion parameters; Tofts model; Dynamic contrast enhanced imaging; Prostate MRI

Funding:

This research did not receive any specific grant from funding agencies in the public, commercial, or not-for-profit sectors.

Declarations of interest:

None.

Download English Version:

<https://daneshyari.com/en/article/8159697>

Download Persian Version:

<https://daneshyari.com/article/8159697>

[Daneshyari.com](https://daneshyari.com)