

Accepted Manuscript

Kidney Segmentation in Ultrasound, Magnetic Resonance and Computed Tomography Images: A Systematic Review

Helena R. Torres , Sandro Queirós , Pedro Morais ,
Bruno Oliveira , Jaime C. Fonseca , João L. Vilaça

PII: S0169-2607(17)30782-4
DOI: [10.1016/j.cmpb.2018.01.014](https://doi.org/10.1016/j.cmpb.2018.01.014)
Reference: COMM 4601



To appear in: *Computer Methods and Programs in Biomedicine*

Received date: 3 July 2017
Revised date: 7 December 2017
Accepted date: 10 January 2018

Please cite this article as: Helena R. Torres , Sandro Queirós , Pedro Morais , Bruno Oliveira , Jaime C. Fonseca , João L. Vilaça , Kidney Segmentation in Ultrasound, Magnetic Resonance and Computed Tomography Images: A Systematic Review, *Computer Methods and Programs in Biomedicine* (2018), doi: [10.1016/j.cmpb.2018.01.014](https://doi.org/10.1016/j.cmpb.2018.01.014)

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.

HIGHLIGHTS

- A systematic review of kidney segmentation methods in medical images is presented.
- A comprehensive description of methods is provided.
- Methods for ultrasound, magnetic resonance, and computed tomography are reviewed.
- The methods are divided according to their theoretical approach.
- The most suitable segmentation method depends of the imaging modality.

ACCEPTED MANUSCRIPT

Download English Version:

<https://daneshyari.com/en/article/6891000>

Download Persian Version:

<https://daneshyari.com/article/6891000>

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