

# Author's Accepted Manuscript

Limitations in Elastography based prostate biopsy

Jonas Schiffmann , Mircea Grindei , Zhe Tian , Dany-Jan Yassin , Tobias Steinwender , Sami-Ramzi Leyh-Bannurah , Marco Randazzo , Maciej Kwiatkowski , Pierre I. Karakiewicz , Peter Hammerer , Lukas Manka



PII: S0022-5347(16)00002-1  
DOI: [10.1016/j.juro.2015.12.086](https://doi.org/10.1016/j.juro.2015.12.086)  
Reference: JURO 13210

To appear in: *The Journal of Urology*  
Accepted Date: 16 December 2015

Please cite this article as: Schiffmann J, Grindei M, Tian Z, Yassin DJ, Steinwender T, Leyh-Bannurah SR, Randazzo M, Kwiatkowski M, Karakiewicz PI, Hammerer P, Manka L, Limitations in Elastography based prostate biopsy, *The Journal of Urology*® (2016), doi: 10.1016/j.juro.2015.12.086.

**DISCLAIMER:** This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our subscribers we are providing this early version of the article. The paper will be copy edited and typeset, and proof will be reviewed 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.

## Embargo Policy

**All article content is under embargo until uncorrected proof of the article becomes available online.**

We will provide journalists and editors with full-text copies of the articles in question prior to the embargo date so that stories can be adequately researched and written. The standard embargo time is 12:01 AM ET on that date. Questions regarding embargo should be directed to [jumedia@elsevier.com](mailto:jumedia@elsevier.com).

**Limitations in Elastography based prostate biopsy**

Jonas Schiffmann<sup>1\*</sup>, Mircea Grindei<sup>1\*</sup>, Zhe Tian<sup>2</sup>, Dany-Jan Yassin<sup>1</sup>, Tobias Steinwender<sup>1</sup>, Sami-Ramzi Leyh-Bannurah<sup>2,3</sup>, Marco Randazzo<sup>4</sup>, Maciej Kwiatkowski<sup>5</sup>, Pierre I Karakiewicz<sup>2,6</sup>, Peter Hammerer<sup>1</sup>, Lukas Manka<sup>1</sup>

<sup>1</sup>Department of Urology, Academic Hospital Braunschweig, Braunschweig, Germany

<sup>2</sup>Cancer Prognostics and Health Outcomes Unit, University of Montreal Health Center, Montreal, Canada

<sup>3</sup>Department of Urology, University Medical Center Hamburg-Eppendorf, Hamburg, Germany

<sup>4</sup>Department of Urology, University Hospital Zürich, Zürich, Switzerland

<sup>5</sup>Department of Urology, Cantonal Hospital Aarau, Aarau, Switzerland

<sup>6</sup>Department of Urology, University of Montreal Health Center, Montreal, Canada

\*equal contribution

**Running head:** Limitations in Elastography based prostate biopsy

word count text: 2,356, word count abstract: 245, tables: 4, references: 23

**Corresponding author:** Jonas Schiffmann, MD

Academic Hospital Braunschweig, Department of Urology, Salzdahlumerstrasse 90, 38126 Braunschweig, Germany, phone: +49 531 5952353, fax: +49 531 595 2657

email: schiffmann.jonas@gmx.de

**Key words:** biopsy; elastography; imaging; prostate cancer; ultrasound

Download English Version:

<https://daneshyari.com/en/article/6158804>

Download Persian Version:

<https://daneshyari.com/article/6158804>

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