

Author's Accepted Manuscript

Core Needle Biopsy and Fine Needle Aspiration Alone or in Combination:
Diagnostic Accuracy and Impact on Management of Renal Masses

F. Cate , M. Kapp , S.A. Arnold , L.L. Gellert , O. Hameed , P.E. Clark , G. Wile , A. Coogan , G.A. Giannico



PII: S0022-5347(17)30064-2
DOI: [10.1016/j.juro.2017.01.038](https://doi.org/10.1016/j.juro.2017.01.038)
Reference: JURO 14317

To appear in: *The Journal of Urology*

Please cite this article as: Cate F, Kapp M, Arnold S, Gellert L, Hameed O, Clark P, Wile G, Coogan A, Giannico G, Core Needle Biopsy and Fine Needle Aspiration Alone or in Combination: Diagnostic Accuracy and Impact on Management of Renal Masses, *The Journal of Urology*® (2017), doi: 10.1016/j.juro.2017.01.038.

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.

Core Needle Biopsy and Fine Needle Aspiration Alone or in Combination:**Diagnostic Accuracy and Impact on Management of Renal Masses**

Cate F, MD¹, Kapp M, MD¹, Arnold SA, PhD^{1,2}, Gellert LL, MD, PhD¹, Hameed O, MD^{1,3}, Clark PE, MD³, MD, Wile G, MD⁴, Coogan A, MD¹, and Giannico GA, MD^{1*}.

¹Department of Pathology, Microbiology and Immunology

1161 21st Ave. S.

Vanderbilt University Medical Center, Nashville, TN 37232

²Department of Veterans Affairs

1310 24th Avenue South

Nashville, TN 37212

³Department of Urologic Surgery

1161 21st Ave. S.

Vanderbilt University Medical Center

Nashville, TN 37232

⁴Department of Radiology

1161 21st Ave. S.

Vanderbilt University Medical Center

Nashville, TN 37232

Download English Version:

<https://daneshyari.com/en/article/5686291>

Download Persian Version:

<https://daneshyari.com/article/5686291>

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