## **Accepted Manuscript**

Agreement between institutional measurements and treatment planning system calculations for basic dosimetric parameters as measured by IROC-Houston

James R. Kerns, M.S., David Followill, Ph.D., Jessica Lowenstein, M.S., Andrea Molineu, M.S., Paola Alvarez, M.S., Paige A. Taylor, M.S., Stephen F. Kry, Ph.D.

PII: \$0360-3016(16)30002-5

DOI: 10.1016/j.ijrobp.2016.03.035

Reference: ROB 23526

To appear in: International Journal of Radiation Oncology • Biology • Physics

Received Date: 6 January 2016 Revised Date: 6 January 2016 Accepted Date: 24 March 2016

Please cite this article as: Kerns JR, Followill D, Lowenstein J, Molineu A, Alvarez P, Taylor PA, Kry SF, Agreement between institutional measurements and treatment planning system calculations for basic dosimetric parameters as measured by IROC-Houston, *International Journal of Radiation Oncology* • *Biology* • *Physics* (2016), doi: 10.1016/j.ijrobp.2016.03.035.

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.



Agreement between institutional measurements and treatment planning

system calculations for basic dosimetric parameters as measured by IROC-

**Houston** 

Running title: IROC-H measurements vs. TPS agreement

James R. Kerns, M.S. 1,2,3, David Followill, Ph.D. 1,2,3, Jessica Lowenstein, M.S. 1,2, Andrea

Molineu M.S.<sup>1,2</sup>, Paola Alvarez M.S.<sup>1,2</sup>, Paige A. Taylor M.S.<sup>1,2</sup>, and Stephen F. Kry Ph.D.<sup>1,2,3</sup>

<sup>1</sup>Department of Radiation Physics, The University of Texas MD Anderson Cancer Center,

Houston, TX 77030

<sup>2</sup>Imaging and Radiation Oncology Core-Houston, The University of Texas MD Anderson Cancer

Center, Houston, TX 77030

<sup>3</sup>Graduate School of Biomedical Sciences, The University of Texas Health Science Center-

Houston, Houston, TX 77030

Corresponding author: sfkry@mdanderson.org

Conflicts of Interest: None

**ACKNOWLEDGMENTS** 

Many thanks go to Paul Hougin for querying and compiling the site visit data. This work

was supported by Public Health Service Grant CA180803 awarded by the National Cancer

Institute, United States Department of Health and Human Services.

## Download English Version:

## https://daneshyari.com/en/article/8214116

Download Persian Version:

https://daneshyari.com/article/8214116

<u>Daneshyari.com</u>