UCLA
UCLA Previously Published Works

Title

Erratum: Semi-automated pulmonary nodule interval segmentation using the NLST data.

Permalink

https://escholarship.org/uc/item/72n3c5g3

Journal

Medical physics, 45(6)

ISSN

0094-2405

Authors

Balagurunathan, Yoganand
Beers, Andrew
Kalpathy-Cramer, Jayashree
et al.

Publication Date

2018-06-01

DOI

10.1002/mp.12905

Peer reviewed

Erratum: Semi-automated pulmonary nodule interval segmentation using the NLST data

Yoganand Balagurunathan[a]
H.L.Moffitt Cancer Center (MCC), Tampa, FL, USA

Andrew Beers and Jayashree Kalpathy-Cramer
Massachusetts General Hospital (MGH), Boston, MA, USA

Michael McNitt-Gray
University of California Los Angeles (UCLA), Los Angeles, CA, USA

Lubomir Hadjiiski
University of Michigan (UMICH), Ann Arbor, MI, USA

Bensheng Zhao, Jianguo Zhu, and Hao Yang
Columbia University (CUMU), New York, NY, USA

Stephen S. F. Yip and Hugo J. W. L. Aerts
Radiation Oncology, Dana-Farber Cancer Institute (DFCC), Brigham and Women's Hospital (BWH), Harvard Medical School (HMC), Boston, MA, USA
Radiology, Dana-Farber Cancer Institute (DFCC), Brigham and Women's Hospital (BWH), Harvard Medical School (HMC), Boston, MA, USA

Sandy Napel
Stanford University (SU), CA, USA

Dmitrii Cherezov
H.L.Moffitt Cancer Center (MCC), Tampa, FL, USA
University of South Florida (USF), Tampa, FL, USA

Kenny Cha and Heang-Ping Chan
University of Michigan (UMICH), Ann Arbor, MI, USA

Carlos Flores
University of California Los Angeles (UCLA), Los Angeles, CA, USA

Alberto Garcia and Robert Gillies
H.L.Moffitt Cancer Center (MCC), Tampa, FL, USA

Dmitry Goldgof[a]
H.L.Moffitt Cancer Center (MCC), Tampa, FL, USA
University of South Florida (USF), Tampa, FL, USA

There is an error in the contributing author's name on the published article[1].

The correct spelling is Jianguo Zhu (misspelled as Jiangguo Zhu).

Page 12: Discussion Section:

Corrected to: The Food and Drug Administration (FDA)

Current: The Federal Drug Administration (FDA)

Corrected to:
Recently these nodules were segmented using the shape and location information (matched filter-based approach) to assess the sizes and volume estimation, a variability of 3.9 to 28% has been reported, they have shown a higher variability for smaller nodules.

Current:
Recently these nodules were given to a clinical radiologist to assess the sizes and volume estimation, a variability of 3.9 to 28% has been reported, they have shown a higher variability for smaller nodules.
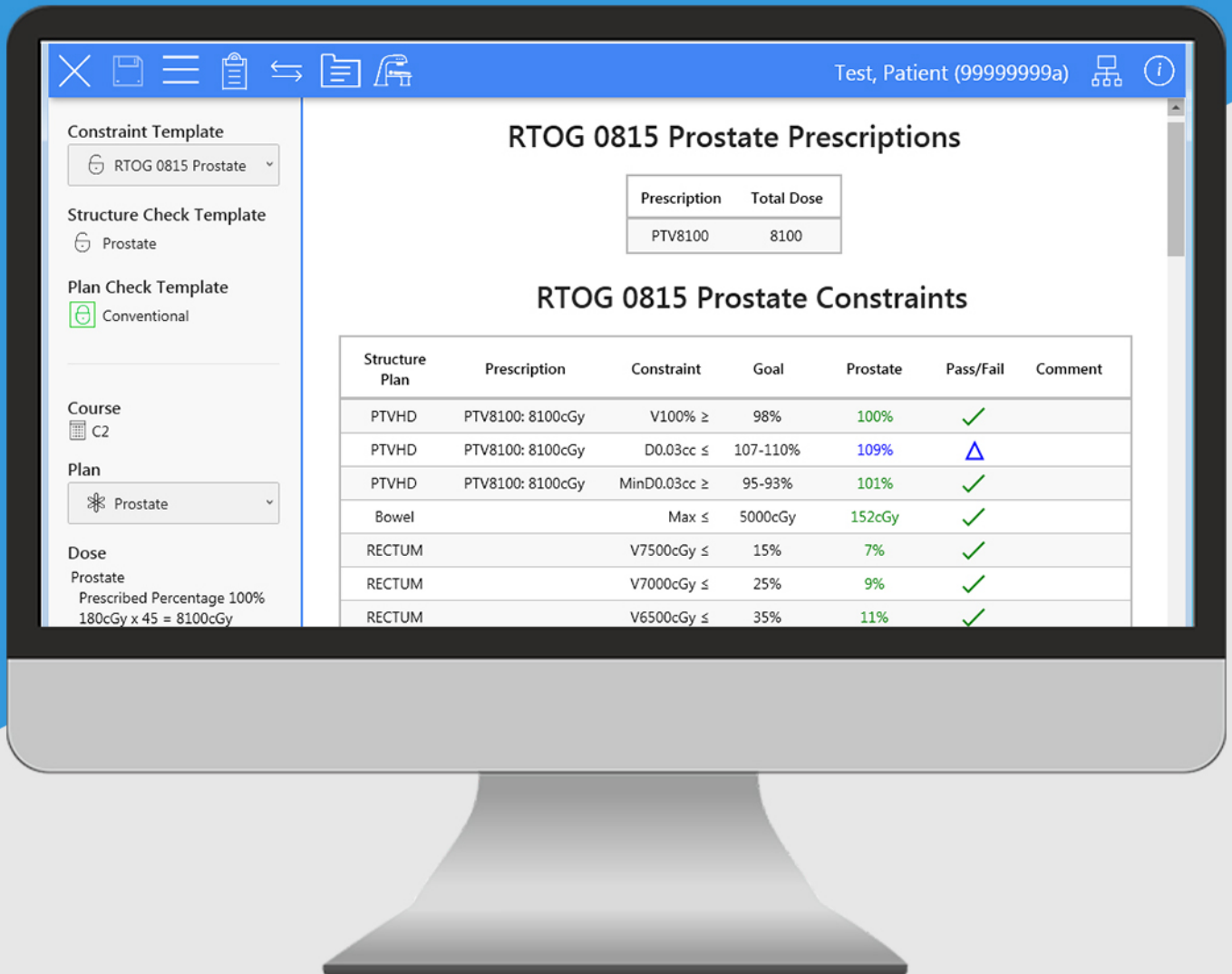
a)Authors to whom correspondence should be addressed. Eelectronic mails: goldgof@mail.usf.edu; yogab@moffitt.org.

REFERENCE

1. Balagurunathan Y, Beers A, Kalpathy-Cramer J, et al. Semi-automated pulmonary nodule interval segmentation using the NLST data. *Med Phys*. 2018;45:1093–1107.

ClearCheck

One-click plan evaluation

X | 💾 | ☰ | 📋 | ⇆ | 📄 | 🚿   Test, Patient (99999999a)   ⊞ ⓘ

Constraint Template
🔒 RTOG 0815 Prostate ⌄

Structure Check Template
🔒 Prostate

Plan Check Template
🔓 Conventional

Course
▦ C2

Plan
✳ Prostate ⌄

Dose
Prostate
Prescribed Percentage 100%
180cGy x 45 = 8100cGy

RTOG 0815 Prostate Prescriptions

Prescription	Total Dose
PTV8100	8100

RTOG 0815 Prostate Constraints

Structure Plan	Prescription	Constraint	Goal	Prostate	Pass/Fail	Comment
PTVHD	PTV8100: 8100cGy	V100% ≥	98%	100%	✓	
PTVHD	PTV8100: 8100cGy	D0.03cc ≤	107-110%	109%	△	
PTVHD	PTV8100: 8100cGy	MinD0.03cc ≥	95-93%	101%	✓	
Bowel		Max ≤	5000cGy	152cGy	✓	
RECTUM		V7500cGy ≤	15%	7%	✓	
RECTUM		V7000cGy ≤	25%	9%	✓	
RECTUM		V6500cGy ≤	35%	11%	✓	

Dose Constraints ◦ Plan Checks
Structure Checks ◦ Collision Checks

RADformation.com