



Urology Grand Rounds

Presented by

Yale School of Medicine, Department of Urology

“Application of Machine Learning to Prostate Cancer and Urology”

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Assistant Professor of Radiology, Biomedical Imaging, and Urology

Date: Friday, May 22, 2020 7:30-8:30am

Location: Zoom Web Conference <https://zoom.us/j/95854215466>

Course Director/Host: Daniel Kellner, MD

There is no corporate support for this activity

This course will fulfill the licensure requirement set forth by the State of Connecticut

LEARNING OBJECTIVES

At the conclusion of this activity, participants will be able to:

1. Understand the fundamentals of machine learning
2. Learn how to apply machine learning to problems in Urology
3. Recognize the limitations of machine learning

DISCLOSURES

John Onofrey: Principle Investigator, Eigen Health Services
Daniel Kellner, MD, Course Director: None

ACCREDITATION

The Yale School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

NEEDS ASSESSMENT

Artificial intelligence and machine learning solutions have revolutionized how we interact with data and are being increasingly applied to healthcare. In particular, these methodologies have already been applied with success to applications in urology. However, these tools have limitations and should be assessed with scientific rigor and care.

DESIGNATION STATEMENT

The Yale School of Medicine designates this live activity for 1 AMA PRA Category 1 Credit(s)[™]. Physicians should only claim the credit commensurate with the extent of their participation in the activity. It is the policy of Yale School of Medicine, Continuing Medical Education, to ensure balance, independence, objectivity and scientific rigor in all its educational programs. All faculty participating as speakers in these programs are required to disclose any relevant financial relationship(s) they (or spouse or partner) have with a commercial interest that benefits the individual in any financial amount that has occurred within the past 12 months; and the opportunity to affect the content of CME about the products or services of the commercial interests. The Center for Continuing Medical Education will ensure that any conflicts of interest are resolved before the educational activity occurs.

TARGET AUDIENCE

The target audience are Urology attendings, residents, medical students and other healthcare providers.