



## APRIL SEMINAR NOTICE

*Presented by*

**Yale School of Medicine's, Department of Therapeutic Radiology**

# **“Imaging Radiation Delivery in Real Time: Cherenkov Light Emission from Patients”**

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**Maclean Professor of Engineering, Thayer School of Engineering  
Dartmouth College**

**Date: Thursday, April 22, 2021, 9:00AM**

**Location: Zoom Meeting**

**Course Director/Host: Henry S. Park, MD, MPH**

*There is no corporate support for this activity*

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

### **ACCREDITATION**

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

### **TARGET AUDIENCE**

Attending Physicians; Housestaff/Fellows; Medical Students; Nurses; PA's; Other

### **NEEDS ASSESSMENT**

Awareness of the advances of imaging radiotherapy delivery by Cherenkov light. Awareness of the small incidents that occur in radiotherapy delivery that can be seen by Cherenkov imaging. Awareness of the scientific advances in molecular sensing in radiotherapy.

### **LEARNING OBJECTIVES**

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

1. Understand the origins of Cherenkov light emission in radiotherapy and how it is imaged.
2. Understand the types of incidents that have been documented by a published trial in the IJROBP journal.
3. Appreciation for how Cherenkov light could be used for experimental molecular sensing of oxygen in radiotherapy.

### **DESIGNATION STATEMENT**

The Yale School of Medicine designates this live activity for 1 AMA PRA Category 1 Credit(s)<sup>TM</sup>. Physicians should only claim the credit commensurate with the extent of their participation in the activity.

### **FACULTY DISCLOSURES**

Brian W. Pogue, PhD – DoseOptics LLC, Owner 50% stock in company/Reimbursed pay for work past 4 yrs.-Co-founder & President; Henry S. Park, MD, MPH – RadOncQuestions, LLC, Honorarium-Editor

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