

Presented by:

## Therapeutic Radiology Grand Rounds

### Advances and Opportunities in Biologically-Guided Radiotherapy

9/22/2022 9:00:00 AM–9/22/2022 10:00:00 AM | Medical Campus

Weekly grand rounds are necessary and essential to the educational mission of the department for trainees and faculty members to update them on the latest developments as well as a forum for discussion on the latest cases to promote group input.

**Texting code for today's session: 34766**

#### Faculty:

David J Carlson, PhD  
Vice Chair for Medical Physics  
Yale School of Medicine

#### Program Objective(s):

- 1 To review current research on radiobiological models used to predict clinical outcomes in radiation oncology
- 2 To understand the mechanisms and models of particle relative biological effectiveness
- 3 To explore novel methods for obtaining functional imaging information to exploit patient-specific biology

**Target Audience:** Oncology

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