

Radiation Oncology Board Preparation Tips: 2024 Summary of Exam Schedules and Resources

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Radiation Biology and Physics QE

Timing:

PGY4 year (June or July)

Structure/Length:

Remote, virtual, multiple-choice written examination
200 questions, divided into two sections, with 100 questions per topic (1 hour and 49 minutes per section)

Recommended Resources:

Review Courses and Q-bank:

- University of Maryland - Annual Dr. Karl Prado Physics and Radiobiology Review Course
Length: 3 Days
Cost: \$200 for full course, \$150 for individual sections
- Allan J. Caggiano, MS, DABR - A Review in Radiation Oncology Physics
- RadOnc Questions QBank: <https://www.radoncquestions.com>
Cost: 6 months/1 year/5 years – \$229.99/\$299.99/\$749.99

Physics Resources:

RAPHEX exams (available for purchase at medicalphysics.org)
Chang DS et al. *Basic Radiotherapy Physics and Biology 2nd Edition*, 2021. Springer Publishing.

Biology Resources:

ASTRO Radiation and Cancer Biology Study Guides (available free of charge at astro.org)
Hall EJ and Giaccia AJ. *Radiobiology for the Radiologist, 8th Edition*, 2018. Lippincott Williams & Wilkins.

Clinical Radiation Oncology QE

Timing:

PGY5 year (April or May)

Structure/Length:

Remote, virtual, multiple-choice written examination
240 questions (two sections of 120 questions); 2 hours and 10 minutes per section, 1-hour mandatory break between sessions

Recommended Resources:

Rad Onc Questions QBank: <https://www.radoncquestions.com>
Cost: 6 months/1 year/5 years – \$229.99/\$299.99/\$749.99

Radiation Oncology Oral Boards – End of 1st year on faculty

Timing:

End of 1st year post-residency completion (May)

Structure/Length

Eight sections: H&N/skin, GI, GU, Thoracic/sarcoma, CNS/peds, Gyn, Breast, Lymphoma/heme

Candidate must complete at least 3 cases per section

Recommended Resources:

University of Maryland Mock Orals Course

<https://www.medschool.umaryland.edu/radonc/special-courses--events/mock-oral-course/>

2024 Dates: 4/12 and 4/21/23, 9:00am-4:00pm

Cost: \$700