

Case Log Requirements by Graduating Class

Review Committee for Radiation Oncology

Brachytherapy and Unsealed Sources Requirements

- Effective July 1, 2020, the following changes were made to the Program Requirements related to Brachytherapy and Unsealed Sources procedural minimums:
- The number of Brachytherapy – Interstitial procedures increased from five to seven procedures.
- Of the 15 required Brachytherapy – Intracavitary procedures, at least five must be tandem-based insertions for at least two patients, and no more than five can be cylinder insertions (formerly the 15 procedures were not differentiated between tandem-based and cylinder insertions). Note that residents may log more than five cylinder procedures, but they will not count towards the Brachytherapy – Intracavitary minimum of 15. [Program Requirements IV.C.6.-IV.C.6.b)]
- The number of radioimmunotherapy, other targeted therapeutic radiopharmaceuticals, or unsealed sources increased from six to eight procedures. Of the eight procedures, three procedures must be oral administration of I-131 with administered activity equal to or in excess of 1.22 Gigabecquerels (33 mCi) and five cases must be parenteral administration of any alpha emitter, beta emitter, mixed emission, or a photon-emitting radionuclide with a photon energy less than 150 keV, for which a written directive is required, and/or parenteral administration of any other radionuclide, for which a written directive is required (formerly three I-131 procedures and three parenteral administration cases were required). [Program Requirements IV.C.9.-IV.C.9.b)]
- While the new minima went into effect on July 1, 2020, they will be enforced for the cohorts of residents graduating during the 2023-2024 academic year and beyond.

External Beam Radiation Therapy Requirements

- Effective July 1, 2022, 10 new disease site minima within the External Beam Radiation Therapy category are required. These new minima are outlined in Tables 1 and 2 below. See page 8 of the Case Log User Guide for Radiation Oncology for guidance on logging observed cases for the 10 new disease site minimums. [Program Requirements IV.C.5.c)-IV.C.5.c).(10)]
- While the new minima went into effect on July 1, 2022, they will be enforced for the cohorts of residents graduating during the 2025/2026 academic year and beyond.

Case Minimums Tables

- Table 1 (page 3) outlines the case minimums for non-Holman Pathway graduates by Academic Years 2022-2023 through 2025-2026.

- Table 2 (page 4) outlines the case minimums for Holman Pathway graduates by Academic Years 2022-2023 through 2025-2026.

Table 1: Case Minimums for Non-Holman Pathway Residents

Procedural Category	AY 2022-2023 Graduates	AY 2023-2024 Graduates	AY 2024-2025 Graduates	AY 2025-2026 Graduates
External Beam Radiation Therapy	450 simulations	450 simulations	450 simulations	450 simulations
- Bone Sarcoma/Soft Tissue Sarcoma	N/A	N/A	N/A	5 of the 450 simulations
- Breast: Post-Mastectomy	N/A	N/A	N/A	11 of the 450 simulations
- Central Nervous System	N/A	N/A	N/A	19 of the 450 simulations
- Head and Neck Subtotal (Intact, Post-Operative, Skin)	N/A	N/A	N/A	41 of the 450 simulations
- Esophagus	N/A	N/A	N/A	5 of the 450 simulations
- Anorectal (Anus, Rectum)	N/A	N/A	N/A	10 of the 450 simulations
- Non-Prostate Genitourinary (Bladder, Testes, Other)	N/A	N/A	N/A	3 of the 450 simulations
- Gynecologic Subtotal (Cervix Intact, Cervix Post-Hysterectomy, Uterus, Other)	N/A	N/A	N/A	10 of the 450 simulations
- Lymphoma (Hodgkins Lymphoma and Non-Hodgkins Lymphoma)	N/A	N/A	N/A	8 of the 450 simulations
- Non-Small Cell Lung Cancer	N/A	N/A	N/A	16 of the 450 simulations
Brachytherapy Interstitial	5 procedures	7 procedures	7 procedures	7 procedures
Brachytherapy Intracavitary	15 procedures	15 procedures	15 procedures	15 procedures
- Tandem-based	N/A	At least 5 procedures for at least 2 patients	At least 5 procedures for at least 2 patients	At least 5 procedures for at least 2 patients
- Cylinder insertions	N/A	No more than 5 procedures*	No more than 5 procedures*	No more than 5 procedures*
Pediatric Patients	12 patients	12 patients	12 patients	12 patients
Intracranial Stereotactic Radiosurgery (SRS-Brain)	20 patients	20 patients	20 patients	20 patients
Stereotactic Body Radiation Therapy (SBRT)	20 patients	20 patients	20 patients	20 patients
Radioimmunotherapy, Other Targeted Therapeutic Radiopharmaceuticals, or Unsealed Sources	6 procedures	8 procedures	8 procedures	8 procedures
- I-131	3 of the 6 procedures	3 of the 8 procedures	3 of the 8 procedures	3 of the 8 procedures
- Parenteral Administration	3 of the 6 cases	5 of the 8 cases	5 of the 8 cases	5 of the 8 cases

*Residents may log more than five cylinder procedures, but they will not count toward the Brachytherapy Intracavitary minimum of 15.

Table 2: Case Minimums for Holman Pathway Residents

Procedural Category	AY 2022-2023 Graduates	AY 2023-2024 Graduates	AY 2024-2025 Graduates	AY 2025-2026 Graduates
External Beam Radiation Therapy	350 simulations	350 simulations	350 simulations	350 simulations
- Bone Sarcoma/Soft Tissue Sarcoma	N/A	N/A	N/A	4 of the 350 simulations
- Breast: Post-Mastectomy	N/A	N/A	N/A	8 of the 350 simulations
- Central Nervous System	N/A	N/A	N/A	14 of the 350 simulations
- Head and Neck Subtotal (Intact, Post-Operative, Skin)	N/A	N/A	N/A	31 of the 350 simulations
- Esophagus	N/A	N/A	N/A	4 of the 350 simulations
- Anorectal (Anus, Rectum)	N/A	N/A	N/A	8 of the 350 simulations
- Non-Prostate Genitourinary (Bladder, Testes, Other)	N/A	N/A	N/A	2 of the 350 simulations
- Gynecologic Subtotal (Cervix Intact, Cervix Post-Hysterectomy, Uterus, Other)	N/A	N/A	N/A	8 of the 350 simulations
- Lymphoma (Hodgkins Lymphoma and Non-Hodgkins Lymphoma)	N/A	N/A	N/A	6 of the 350 simulations
- Non-Small Cell Lung Cancer	N/A	N/A	N/A	12 of the 350 simulations
Brachytherapy Interstitial	5 procedures	7 procedures	7 procedures	7 procedures
Brachytherapy Intracavitary	15 procedures	15 procedures	15 procedures	15 procedures
- Tandem-based	N/A	At least 5 procedures for at least 2 patients	At least 5 procedures for at least 2 patients	At least 5 procedures for at least 2 patients
- Cylinder insertions	N/A	No more than 5 procedures*	No more than 5 procedures*	No more than 5 procedures*
Pediatric Patients	12 patients	12 patients	12 patients	12 patients
Intracranial Stereotactic Radiosurgery (SRS-Brain)	20 patients	20 patients	20 patients	20 patients
Stereotactic Body Radiation Therapy (SBRT)	20 patients	20 patients	20 patients	20 patients
Radioimmunotherapy, Other Targeted Therapeutic Radiopharmaceuticals, or Unsealed Sources	6 procedures	8 procedures	8 procedures	8 procedures
- I-131	3 of the 6 procedures	3 of the 8 procedures	3 of the 8 procedures	3 of the 8 procedures
- Parenteral Administration	3 of the 6 cases	5 of the 8 cases	5 of the 8 cases	5 of the 8 cases

*Residents may log more than five cylinder procedures, but they will not count toward the Brachytherapy Intracavitary minimum of 15.