

## 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 Catagory	AY 2022- 2023	AY 2023- 2024	AY 2024- 2025	AY 2025- 2026
Procedural Category	Graduates 450	Graduates 450	Graduates 450	Graduates 450
External Beam Radiation Therapy	simulations	simulations	simulations	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
<ul> <li>Head and Neck Subtotal (Intact, Post-Operative, Skin)</li> </ul>	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
<ul> <li>Non-Prostate         Genitourinary (Bladder,         Testes, Other)     </li> </ul>	N/A	N/A	N/A	3 of the 450 simulations
<ul> <li>Gynecologic Subtotal (Cervix Intact, Cervix Post- Hysterectomy, Uterus, Other)</li> </ul>	N/A	N/A	N/A	10 of the 450 simulations
<ul> <li>Lymphoma (Hodgkins Lymphoma and Non- Hodgkins Lymphoma)</li> </ul>	N/A	N/A	N/A	8 of the 450 simulations
<ul> <li>Non-Small Cell Lung Cancer</li> </ul>	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 <b>5</b> procedures for at least <b>2</b> patients	At least <b>5</b> procedures for at least <b>2</b> patients	At least <b>5</b> procedures for at least <b>2</b> patients
- Cylinder insertions	N/A	No more than <b>5</b> procedures*	No more than <b>5</b> procedures*	No more than <b>5</b> 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

<sup>\*</sup>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** 

	AY 2022- 2023	AY 2023-2024	AY 2024-2025	AY 2025- 2026
Procedural Category	Graduates	Graduates	Graduates	Graduates
External Beam Radiation Therapy	350	350	350	350
Dana Carana /Caft Tianna	simulations	simulations	simulations	simulations
- Bone Sarcoma/Soft Tissue	N/A	N/A	NI/A	4 of the 350
Sarcoma	IN/A	IN/A	N/A	simulations
- Breast: Post-Mastectomy	N/A	N/A	N/A	8 of the 350 simulations
	IN/A	IN/A	IN/A	14 of the 350
<ul> <li>Central Nervous System</li> </ul>	N/A	N/A	N/A	simulations
- Head and Neck Subtotal	IN/A	IN/A	IN/A	Simulations
(Intact, Post-Operative,				<b>31</b> of the <b>350</b>
Skin)	N/A	N/A	N/A	simulations
OKIII)	IN//A	IN//A	IN//A	4 of the 350
- Esophagus	N/A	N/A	N/A	simulations
	IN//A	IN//A	IN//A	8 of the <b>350</b>
- Anorectal (Anus, Rectum)	N/A	N/A	N/A	simulations
- Non-Prostate	11//-1	11//3	14/73	Simulations
Genitourinary (Bladder,				2 of the 350
Testes, Other)	N/A	N/A	N/A	simulations
- Gynecologic Subtotal	14// \	14// (	14// (	Simulations
(Cervix Intact, Cervix Post-				
Hysterectomy, Uterus,				8 of the 350
Other)	N/A	N/A	N/A	simulations
- Lymphoma (Hodgkins	14,71	1471	14/71	Simulations
Lymphoma and Non-				6 of the 350
Hodgkins Lymphoma)	N/A	N/A	N/A	simulations
- Non-Small Cell Lung	-			12 of the 350
Cancer	N/A	N/A	N/A	simulations
Brachytherapy Interstitial	<b>5</b> procedures	7 procedures	7 procedures	7 procedures
Brachytherapy Intracavitary	15 procedures	15 procedures	15 procedures	15 procedures
Diacitytiletapy Ilitiacavitary	13 procedures	At least 5	At least 5	At least 5
			_	
- Tandem-based	N/A	procedures for	procedures for	procedures for at least <b>2</b>
		at least <b>2</b> patients	at least <b>2</b> patients	patients
		No more than	No more than	No more than
<ul> <li>Cylinder insertions</li> </ul>	N/A	5 procedures*	5 procedures*	5 procedures*
Dedictric Deticate	40 matianta			
Pediatric Patients	12 patients	12 patients	12 patients	12 patients
Intracranial Stereotactic	20 patients	20 patients	<b>20</b> patients	<b>20</b> patients
Radiosurgery (SRS-Brain)	20 patients	20 patients	20 patromo	20 paronto
Stereotactic Body Radiation	20 patients	20 patients	20 patients	<b>20</b> patients
Therapy (SBRT)			20 paneme	20 panionio
Radioimmunotherapy, Other				
Targeted Therapeutic	6 procedures	8 procedures	8 procedures	8 procedures
Radiopharmaceuticals, or	'	'	'	'
Unsealed Sources	0 (11 0	0 (11 0	0 (11 0	0 (1) 0
- I-131	3 of the 6	3 of the 8	3 of the 8	3 of the 8
	procedures	procedures	procedures	procedures
- Parenteral Administration	3 of the 6	5 of the 8	5 of the 8	5 of the 8
*Pesidents may log more than five cy	cases	cases	cases	cases

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