

Breast

TG-263 Required Structures:

| All Patients: | Node Positive Patients (only regions irradiated): |
|-------------------------------|---|
| CTVsb | LN Ax L1 L/R |
| PTVsb | LN Ax L2 L/R |
| Heart | LN Ax L3 L/R |
| Lung L/R | LN IMN L/R or LN IMNs |
| PTV_Breast_L/R (whole breast) | LN_Sclav_L/R |
| Breast L/R (partial breast) | |

Full DICOM Upload Requirements (EBRT only):

- CT
- Dose
- Plan (scaled to delivered fx)
- Structures

Physics Form: Filled out once per patient at the end of treatment

- Breast Radiotherapy Technical Details Form (BRTD)

2024 Quality Measures:

- Node-positive patients: Nodal groups are labeled per TG-263 and dose is reported
- Fewer than 5% of 2024 patients have a quality report error as of 12/31/24

Lung

TG-263 Required Structures:

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|---------------------------|
| GTV or IGTV |
| PTV |
| Esophagus |
| Heart |
| Lungs-GTV/IGTV/ITV |
| SpinalCord or SpinalCanal |

Full DICOM Upload Requirements:

- CT
- Dose
- Plan (scaled to delivered fx)
- Structures

Physics Form: Filled out once per patient at the end of treatment

- Lung Radiotherapy Technical Details Form (LRTD)

2024 Quality Measures:

- Conventionally fractionated patients: mean esophageal dose is <29 Gy AND esophageal D2cc is <61 Gy
- SBRT patients with 1 PTV: Paddick Conformity Index is ≥ 0.85
- Fewer than 5% of 2024 patients have a quality report error as of 12/31/24

Bone Mets

TG-263 Required Structures:

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|-----|
| PTV |
|-----|

Full DICOM Upload Requirements:

- CT
- Dose
- Plan (scaled to delivered fx)
- Structures

DICOM Collection:

- Full DICOM only for FIRST complex course

Physics Forms: Filled out once per each plan in a course at the end of treatment

- Bone Mets Radiotherapy Technical Details Form (MRTD)
- Report plans in the same course if plans are adjacent or overlapping in time
- Report a new course start date if there is a break other than a weekend

2024 Quality Measures:

- Use of shorter course radiotherapy (≤ 5 fractions at your site, single fraction for uncomplicated mets collaborative-wide)
- SBRT patients: Standardized dose constraints used for OARs and any violations are documented
- Fewer than 5% of 2024 patients have a quality report error as of 12/31/24

Prostate

TG-263 Required Structures:

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|------------|
| CTVp/CTVsb |
| PTVp/PTVsb |
| Bladder |
| Rectum |

Full DICOM Upload Requirements (EBRT & Brachytherapy):

- Image Set (CT, MR, US)
- Dose
- Plan (scaled to delivered fx)
- Structures

Physics Forms: Filled out once per patient at the end of treatment

- Prostate Radiotherapy Technical Details Form (PRTD)

2024 Quality Measures:

- Patients with intermediate risk prostate cancer are treated with one of the following:
 - Hypofractionated EBRT (28 fractions or less)
 - Ultrahypofractionated EBRT/SBRT (7 fractions or less)
 - Brachytherapy monotherapy
 - Unfavorable intermediate risk patients may also receive a brachytherapy boost
- Fewer than 5% of 2024 patients have a quality report error as of 12/31/24