NAACCR Brief Case Scenarios

Case 1--Surgery

Male-Age 29 presents for surgical resection of a bronchial tumor. CT scan revealed a right main stem bronchial tumor extending from the orifice of the right upper lobe bronchus proximally onto the main stem bronchus.

Treatment plan: Surgery only; right upper lobe sleeve resection

Procedure:

02/12/07: Bronchoscopy, right thoracotomy, right upper lobe sleeve resection with reattachment of the bronchus intermedius to the main stem bronchus at the carina, mediastinal lymph node dissection

Pathology diagnosis:

Right thoracotomy, right upper lobe sleeve resection

- Bronchial adenocarcinoma and carcinoid combined
- Margins negative
- · Seven lymph nodes removed and are all negative

Case 2--Surgery

85-year-old female presents with a large rectal polyp, positive for adenocarcinoma. The polyp is located at the anorectal junction and measures 3 cm in diameter. Post operative therapy not documented.

1/12/08: Trans-anal endoscopic microsurgical resection of rectal mass

Pathology final diagnosis:

Rectal lesion, transanal excision: mucinous adenocarcinoma, mod diff

- Arising in an adenomatous polyp
- Approximate tumor size , 2.0 cm
- Tumor invades the muscularis propria
- Margins negative
- One of two peri-rectal lymph nodes positive for metastatic adenocarcinoma

Case 3--Surgery/Radiation

80-year-old female diagnosed with an invasive breast cancer via ultrasound guided needle biopsy on 10/30/07. Treatment plan for this case is conservative surgery and post op radiation therapy and hormonal therapy. Patient underwent a lumpectomy and sentinel lymph node sampling on 11/29/07 with placement of a spacer. Mammosite was inserted by 12/5/07. On 12/17/07 patient started on high dose brachytherapy (Iridium 192, Mammosite) receiving 10 FX until 12/21/07. Total dose 3400 (cGy), no boost planned.

Pathology final diagnosis:

Right breast biopsy: Infiltrating ductal carcinoma, mod diff Right breast lumpectomy and sentinel node sampling

- Infiltrating ductal ca, tumor size = 0.8 cm
- Negative lymph nodes 0/2
- Microscopic residual ductal ca involving the lateral margin
- ER/PR strongly positive

Case 4--Surgery/Chemo/Radiation

59-year-old male presents with left arm weakness and numbness on his left face and trunk. Work-up revealed a brain mass in the ventricles.

Treatment Plan:

Patient was put on an RTOG protocol which is gross total resection of the tumor followed by conformal radiotherapy and Temodar.

On 10/17/07 patient underwent gross total resection of the tumor. Pathology revealed a glioblastoma multiforme (WHO grade IV). On 11/07/07 patient started on concomitant chemo/radiation therapy. From 11/7/07 to 12/17/07 patient received conformal radiation therapy 6000 cGy in 30 fractions to the right parietal brain. That patient also received Temodar.

Case 5--Surgery/Radiation

29-year-old female presents with a large mass on the left side at the base of the tongue. Clinically there was no palpable cervical adenopathy noted by physical exam and on CT scans.

2/29/07: Biopsy of tongue lesion 3/29/07: Partial glossectomy

- Mucoepidermoid carcinoma, intermediate grade
- Tumor size = 2.0 cm
- Margins positive, NOS

Post op radiation therapy:

5/19/07 to 7/13/07 IMRT x/6, 33 fractions Total dose: 6600 cGy No Boost

Case 6--Chemo/Hormone

50-year-old patient presented with complaints of left shoulder & abdominal pain. Lab revealed pancytopenia. Bone marrow biopsy performed on 8/4/06 revealed precursor b-cell lymphoblastic leukemia.

On 8/12/06 patient received a couple cycles of Duanorubicin, Vincristine, L-Asparagine and Prednisone.

Patient expired on 10/10/06.

Treatment Coding Worksheet Case	Number of Treatments to this volume
Date of First Course of Treatment	Radiation/Surgery Sequence
Date of first surgical procedure	Reason NoRadiation
Date of most definitive surgical resection	Date Systemic Therapy Started
Surgical procedure of primary site –Code	Chemotherapy Code
Surgical margins of the primary site	Systemic Rx/Surgery Sequence
Reason no surgery of primary site	Hormone Therapy Date
Scope of lymph node surgery	Hormone Therapy Code
Surgical procedure other site	
Date Radiation Started	Immunotherapy Date
Date Radiation Ended	Immunotherapy Code
Location of Radiation Treatment	Hematologic Transplant & Endocrine Procedures Code
Radiation Treatment Volume	Hemat Trans/Endocrine Date
Radiation Treatment Modality	Palliative Care Code
Regional Dose: cGy	
Boost Treatment Modality	
Boost Dose: cGy	

Treatment Coding Worksheet Case	Number of Treatments to this volume
Date of First Course of Treatment	Radiation/Surgery Sequence
Date of first surgical procedure	Reason NoRadiation
Date of most definitive surgical resection	Date Systemic Therapy Started
Surgical procedure of primary site –Code	Chemotherapy Code
Surgical margins of the primary site	Systemic Rx/Surgery Sequence
Reason no surgery of primary site	Hormone Therapy Date
Scope of lymph node surgery	Hormone Therapy Code
Surgical procedure other site	
Date Radiation Started	Immunotherapy Date
Date Radiation Ended	Immunotherapy Code
Location of Radiation Treatment	Hematologic Transplant & Endocrine Procedures Code
Radiation Treatment Volume	Hemat Trans/Endocrine Date
Radiation Treatment Modality	Palliative Care Code
Regional Dose: cGy	
Boost Treatment Modality	
Boost Dose: cGy	

Treatment Coding Worksheet Case	Number of Treatments to this volume
Date of First Course of Treatment	Radiation/Surgery Sequence
Date of first surgical procedure	Reason NoRadiation
Date of most definitive surgical resection	Date Systemic Therapy Started
Surgical procedure of primary site –Code	Chemotherapy Code
Surgical margins of the primary site	Systemic Rx/Surgery Sequence
Reason no surgery of primary site	Hormone Therapy Date
Scope of lymph node surgery	Hormone Therapy Code
Surgical procedure other site	
Date Radiation Started	Immunotherapy Date
Date Radiation Ended	Immunotherapy Code
Location of Radiation Treatment	Hematologic Transplant & Endocrine Procedures Code
Radiation Treatment Volume	Hemat Trans/Endocrine Date
Radiation Treatment Modality	Palliative Care Code
Regional Dose: cGy	
Boost Treatment Modality	
Boost Dose: cGy	

Treatment Coding Worksheet Case	Number of Treatments to this volume
Date of First Course of Treatment	Radiation/Surgery Sequence
Date of first surgical procedure	Reason NoRadiation
Date of most definitive surgical resection	Date Systemic Therapy Started
Surgical procedure of primary site –Code	Chemotherapy Code
Surgical margins of the primary site	Systemic Rx/Surgery Sequence
Reason no surgery of primary site	Hormone Therapy Date
Scope of lymph node surgery	Hormone Therapy Code
Surgical procedure other site	
Date Radiation Started	Immunotherapy Date
Date Radiation Ended	Immunotherapy Code
Location of Radiation Treatment	Hematologic Transplant & Endocrine Procedures Code
Radiation Treatment Volume	Hemat Trans/Endocrine Date
Radiation Treatment Modality	Palliative Care Code
Regional Dose: cGy	
Boost Treatment Modality	
Boost Dose: cGy	

Treatment Coding Worksheet Case	Number of Treatments to this volume
Date of First Course of Treatment	Radiation/Surgery Sequence
Date of first surgical procedure	Reason NoRadiation
Date of most definitive surgical resection	Date Systemic Therapy Started
Surgical procedure of primary site –Code	Chemotherapy Code
Surgical margins of the primary site	Systemic Rx/Surgery Sequence
Reason no surgery of primary site	Hormone Therapy Date
Scope of lymph node surgery	Hormone Therapy Code
Surgical procedure other site	
Date Radiation Started	Immunotherapy Date
Date Radiation Ended	Immunotherapy Code
Location of Radiation Treatment	Hematologic Transplant & Endocrine Procedures Code
Radiation Treatment Volume	Hemat Trans/Endocrine Date
Radiation Treatment Modality	Palliative Care Code
Regional Dose: cGy	
Boost Treatment Modality	
Boost Dose: cGy	

Treatment Coding Worksheet Case	Number of Treatments to this volume
Date of First Course of Treatment	Radiation/Surgery Sequence
Date of first surgical procedure	Reason NoRadiation
Date of most definitive surgical resection	Date Systemic Therapy Started
Surgical procedure of primary site –Code	Chemotherapy Code
Surgical margins of the primary site	Systemic Rx/Surgery Sequence
Reason no surgery of primary site	Hormone Therapy Date
Scope of lymph node surgery	Hormone Therapy Code
Surgical procedure other site	
Date Radiation Started	Immunotherapy Date
Date Radiation Ended	Immunotherapy Code
Location of Radiation Treatment	Hematologic Transplant & Endocrine Procedures Code
Radiation Treatment Volume	Hemat Trans/Endocrine Date
Radiation Treatment Modality	Palliative Care Code
Regional Dose: cGy	
Boost Treatment Modality	
Boost Dose: cGy	