

# Lung

NAACCR 2018-2019 WEBINAR SERIES

1



## Q&A

Please submit all questions concerning the webinar content through the Q&A panel.

If you have participants watching this webinar at your site, please collect their names and emails

We will be distributing a Q&A document in about one week. This document will fully answer questions asked during the webinar and will contain any corrections that we may discover after the webinar.

2



# Fabulous Prizes



3



# Guest Speaker

Wilson Apollo, Radiation Therapist and CTR

4

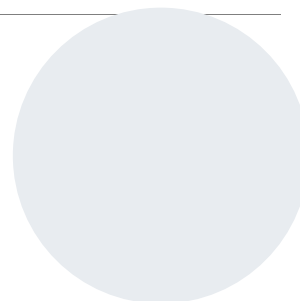


## Agenda

---

### Review of 3 scenarios

- Solid Tumor Rules
- Staging
  - AJCC
  - SEER Summary Stage
  - EOD
- Radiation



5



## Solid Tumor Rules

---

6

## Scenario 1

---

### Single Tumor

- M2-Single tumor is single primary

### Histology

- 3 cm invasive adenocarcinoma, micropapillary predominant (50%), papillary (30%) & acinar (20%)
  - Adenocarcinoma 8140
  - Micropapillary predominant adenocarcinoma 8140
  - Papillary adenocarcinoma 8260
  - Acinar adenocarcinoma 8551
- H6 – Adenocarcinoma with mixed subtypes 8255
  - See table 2

7



## Scenario 2

---

### Single tumor

- M2-Single Tumor is single primary

### Histology

- Cytopathology, FNA, RUL Lung= Suspect adenocarcinoma.
- *Clinically staged by MD as T1b, N0, M0.*
- Rule H3-Code the histology when only one histology is present.
  - Adenocarcinoma 8140

8



## Scenario 3

---

### Single tumor

- M2-Single Tumor is single primary

### Histology

- 6/5/18 Core biopsy: Adenocarcinoma with mucinous features.
  - 8140 Adenocarcinoma
- 6/19/18 Wedge resection: Moderately differentiated invasive mucinous adenocarcinoma
  - 8253 Mucinous adenocarcinoma

Final Histology 8253/3 Per Rule H5

9



## Staging

---

AJCC

SUMMARY STAGE

EOD

SSDI

10

## Resources

---

### SEER RSA

- Includes all data items in the SEER RSA
- Includes link to SEER Manual
- [https://staging.seer.cancer.gov/eod\\_public/list/1.4/](https://staging.seer.cancer.gov/eod_public/list/1.4/)

### SSDI PAGE

- Includes SSDI's and Grade
- Includes SSDI and Grade Manual
- <https://apps.naaccr.org/ssdi/list/>

11



## Resources

---

### SOLID TUMOR MANUAL

#### Manuals

- <https://seer.cancer.gov/tools/solidtumor/>

#### Training

- NAACCR
  - <https://education.naaccr.org/2018-implementation>
- NCRA
  - <http://www.cancerregistryeducation.org/seer>

### AJCC CANCER STAGING MANUAL

#### Manuals

- Hard copy or Kindle version available
- <https://cancerstaging.org/references-tools/deskreferences/Pages/default.aspx>

12



## Scenario 1-Staging Summary

### Tumor Size 3cm

- Pre-treatment 3cm
- Post-surgery 3cm

### Extension

- Pre-treatment-Confined to lung
- Post-Surgery-Confined to lung

### Lymph Nodes-Negative

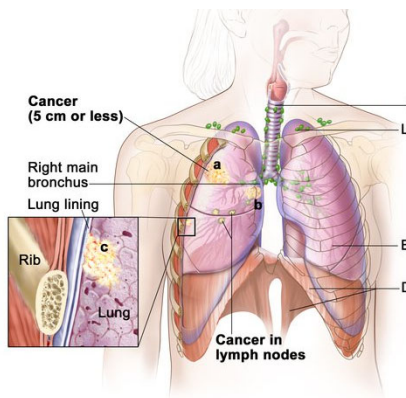
- Pre-treatment - negative
- Post-surgery -negative 00/04

Distant Metastasis - negative

13



## Tumor Size



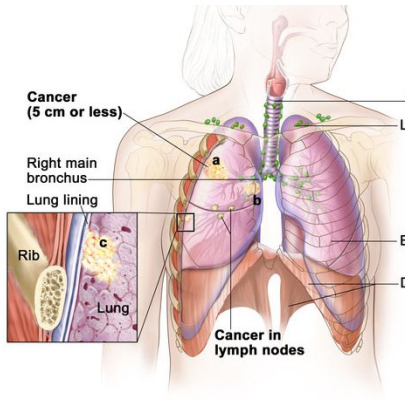
Data Item	Value
<b>Tumor Size Clinical</b>	030
<b>Tumor Size Pathological</b>	030
<b>Tumor Size Summary</b>	030

Scenario 1

14



## AJCC Staging



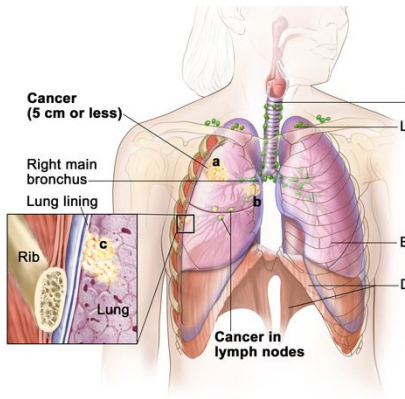
Data Item	Value	Data Items	Value
cT	cT1c	pT	pT1c
cT Suffix		pT Suffix	
cN	cN0	pN	pN0
cN Suffix		pN Suffix	
cM	cM0	pM	cM0
cStage	1A3	pStage	1A3

Scenario 1

15



## Summary Stage/EOD



Data Item	Value
Summary Stage	1-Localized
EOD Primary Tumor	300
EOD Regional Nodes	000
EOD Mets	00
SSDI	0
Separate Tumor Nodules	
SSDI-Visceral and Parietal Pleural Invasion	0

Scenario 1

16





## SSDI-Separate Tumor Nodules

### INTRAPULMONARY METASTASIS

- AJCC-T3, T4, or M1
- AJCC T Suffix-Blank
- SSDI Separate Tumor Nodules-1

### MULTIFOCAL/ GROUND GLASS FEATURES

- AJCC-T value based on size of largest tumor
- AJCC T suffix-(m)
- SSDI Separate Tumor Nodules- 0

Scenario 1

17



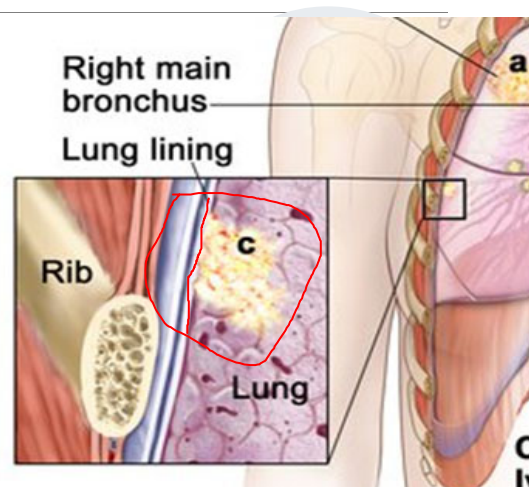
## SSDI-Visceral and Parietal Pleural Invasion

PL0 - Tumor that is surrounded by lung parenchyma or invades superficially into the pleural connective tissue beneath the elastic layer but falls short of completely traversing the elastic layer of the pleura

PL1 - Tumor that extends through the elastic layer

PL2 - Tumor that extends to the surface of the visceral pleura

PL3 - Tumor that extends to the parietal pleura or chest wall



Scenario 1

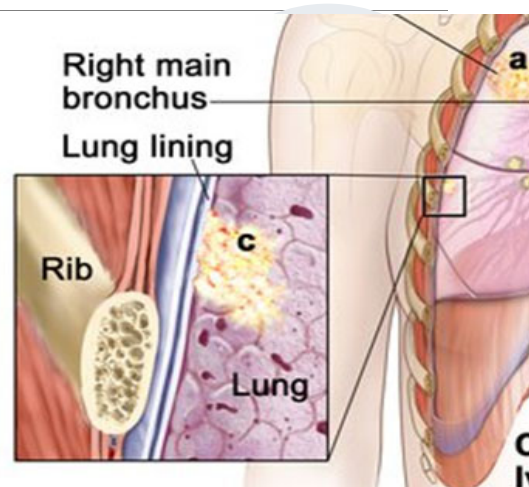
18



## Pop Quiz

What would be assigned to the following scenarios?

- A. A 1.5cm tumor invades into visceral pleura, but not through elastic membrane.  
**0-PL0 (T1b)**
- B. 1.5cm tumor invades through elastic layer to the surface of the visceral pleura.  
**2-PL2 (T2a)**



19

NAACCR

## Scenario 2-Staging Summary

Tumor Size 2.6cm

- Pre-treatment 2.6cm
- Post-surgery-No Surgery

Extension

- Pre-treatment-Confined to lung
- Post-surgery-No surgery

Lymph Nodes-Negative

- Pre-treatment - negative
- Post-surgery – no lymph nodes removed

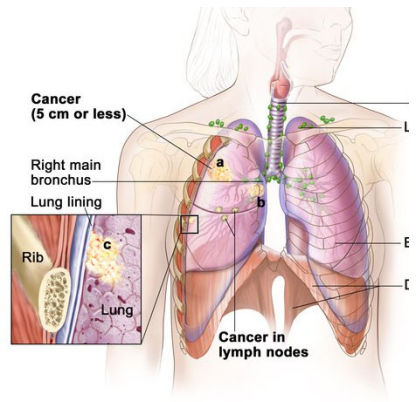
Distant Metastasis

- No indication of distant metastasis

20

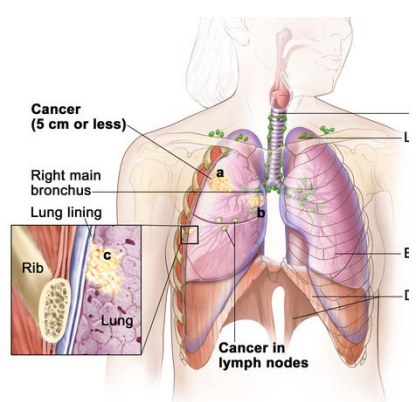
NAACCR

# Tumor Size



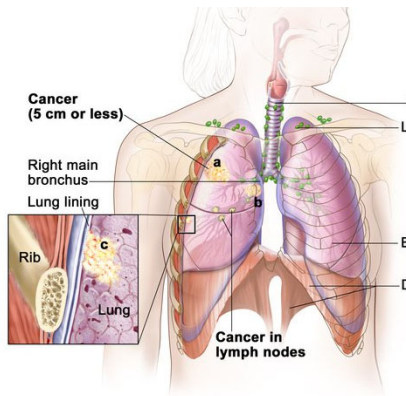
Data Item	Value
Tumor Size Clinical	026
Tumor Size Pathological	999
Tumor Size Summary	026

# AJCC Staging



Data Item	Value	Data Items	Value
cT	cT1c	pT	
cT Suffix		pT Suffix	
cN	cN0	pN	
cN Suffix		pN Suffix	
cM	cM0	pM	
cStage	1A3	pStage	99

## Summary Stage/EOD/SSDI



Data Item	Value
Summary Stage	1-Localized
EOD Primary Tumor	300
EOD Regional Nodes	000
EOD Mets	00
SSDI	0
Separate Tumor Nodules	
SSDI-Visceral and Parietal Pleural Invasion	9

Scenario 2

23



## Scenario 3-Staging Summary

### Tumor Size 1.5cm

- Pre-treatment
  - 4/2/18 3.2cm (CT) —
  - 4/6/18 2.4cm (PET/CT)
  - 6/1/18 1.2cm (CT)
  - 6/5/18 1.1 (core bx)
- Post-surgery-1.5

### Extension

- Pre-Treatment-confined to lung

### Lymph Nodes-Negative

- Pre-treatment - negative
- Post-surgery -negative 00/06

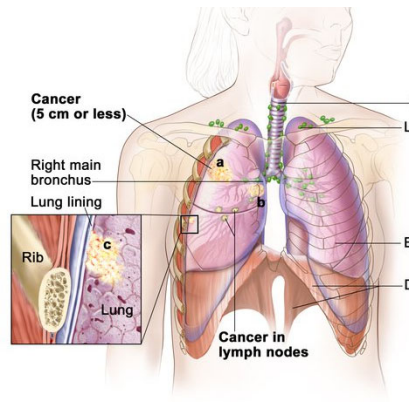
### Distant Metastasis

- No indication of distant mets

24

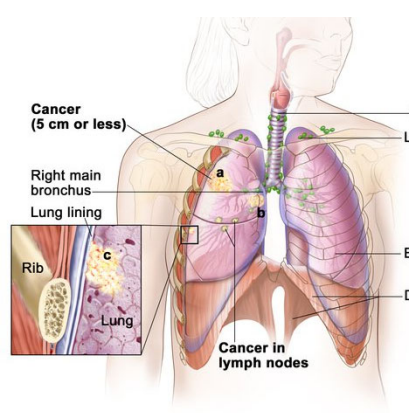


# Tumor Size



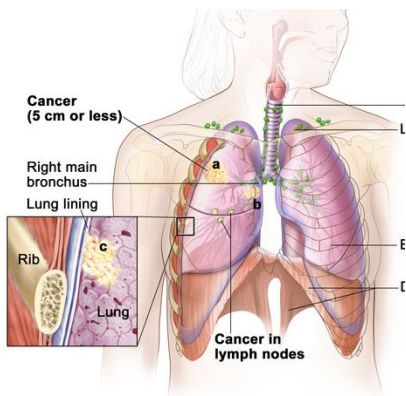
Data Item	Value
Tumor Size Clinical	032
Tumor Size Pathological	015
Tumor Size Summary	015

# AJCC Staging



Data Item	Value	Data Items	Value
cT	cT2a	pT	pT1b
cT Suffix		pT Suffix	
cN	cN0	pN	pN0
cN Suffix		pN Suffix	
cM	cM0	pM	cM0
cStage	1B	pStage	1A2

## Summary Stage/EOD/SSDI



Data Item	Value
Summary Stage	1-Localized
EOD Primary Tumor	300
EOD Regional Nodes	000
EOD Mets	00
SSDI	0
Separate Tumor Nodules	
SSDI-Visceral and Parietal Pleural Invasion	0

## Pop quiz 1

A patient presents for CT and is found to have 2cm mass in the left upper lung.

- The tumor had a ground glass/lepidic pattern.
  - No solid features identified
  - No indication of extension beyond the lung or metastasis.

A core biopsy was negative for malignancy.

Data Item	Value
cT	
cT Suffix	
cN	
cN Suffix	
cM	
cStage	99

## Pop quiz 1 (cont)

The patient went on to have a wedge resection.

- Pathology:
  - 2cm tumor comprised of adenocarcinoma in situ arising in a predominately lepidic pattern with *3 foci of minimally* invasive adenocarcinoma. The largest area of invasion measured 4.5mm.

Data Item	Value	Data Items	Value
cT		pT	pT1mi
cT Suffix		pT Suffix	(m)
cN		pN	pNX
cN Suffix		pN Suffix	
cM		pM	cM0
cStage	99	pStage	99

29



## Pop quiz 2

A patient presents for CT and is found to have .9cm mass in the periphery of the left upper lung.

- No indication of invasion beyond the lung
- No enlarged lymph nodes.

A core biopsy was positive for adenocarcinoma.

Data Item	Value
cT	cT1a
cT Suffix	
cN	cN0
cN Suffix	
cM	cM0
cStage	1A1

30



## Pop quiz 2 (cont)

The patient went on to have a wedge resection.

- 1.1cm poorly differentiated adenocarcinoma with invasion into the visceral pleura (PL1).
- Six hilar lymph nodes negative for metastasis.

Data Item	Value	Data Items	Value
<b>cT</b>	cT1a	<b>pT</b>	pT2a
<b>cT Suffix</b>		<b>pT Suffix</b>	
<b>cN</b>	cN0	<b>pN</b>	pN0
<b>cN Suffix</b>		<b>pN Suffix</b>	
<b>cM</b>	cM0	<b>pM</b>	cM0
<b>cStage</b>	1A1	<b>pStage</b>	1B

31



## Questions?

32



# The Role of Radiation Therapy in the Management of Lung Cancer

WILSON APOLLO, MS, CTR, RTT

## Fabulous Prize Winners



## Coming UP...

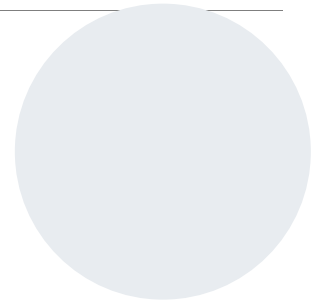
---

Collecting Cancer Data: Pharynx

- 11/01/2018

Collecting Cancer Data: Breast

- 12/06/2018



## CE Certificate Quiz/Survey

---

Phrase

Link

- <https://www.surveygizmo.com/s3/4599130/Lung-2018>

