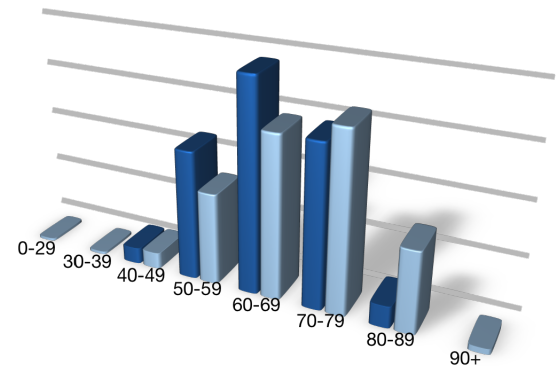


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**Age Distribution**

	SWCC	National
0-29	0%	0.5%
30-39	0%	0.5%
40-49	3%	3%
50-59	24%	17%
60-69	39%	30%
70-79	30%	33%
80-89	4%	15%
90+	0%	1%

Southwest Cancer Center data notes a higher proportion of cases in the 50-69 age groups then that of the national comparison which reflects a later stage presentation of disease.



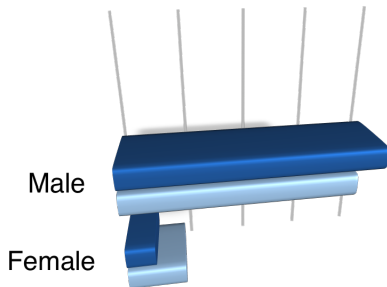
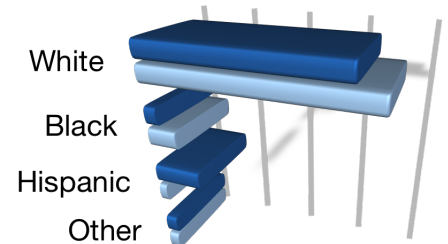
**Sex Distribution**

Sex distribution for Southwest Cancer Center mirror that of the national comparison date of non small cell lung cancers

	SWCC	National
White	73%	82%
Black	4.5%	11%
Hispanic	18%	3%
Other	4.5%	4%

**Race Distribution**

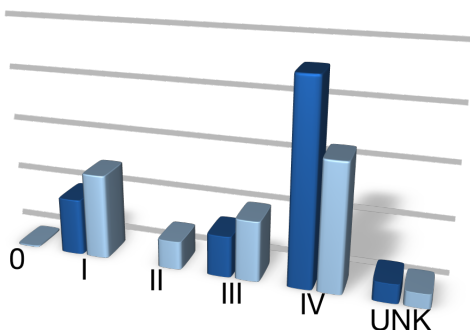
Racial breakdown for Southwest Cancer Center notes a higher rate of hispanic patients over the national data, however this is consistent with the local population demographics.



	SWCC	National
Male	54%	53%
Female	46%	47%

**Stage Distribution**

Stage distribution notes Southwest Cancer Center patients to be nearly the same as that of the national data with the exception of unknown stage, however this does coincide with patients seen for cormobiditiies with the acute care setting in which cancer care is provided at outside facilities.



	SWCC	National
0	0%	0.5%
I	18%	27%
II	0	9%
III	13%	19%
IV	63%	40%
UNK	6%	4.5%

	SWCC	National
None/Biopsy Only	20%	19%
Surgery Only	18%	20%
Radiation Only	11%	15%
Chemotherapy Only	21%	12%
Surgery and Radiation	2%	1%
Surgery and Chemotherapy	4%	6%
Radiation and Chemotherapy	19%	21%
Chemotherapy and Hormones	0%	2%
Surgery, Radiation, Chemotherapy	5%	4%

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**Treatment Distribution**

NCCN Guideline; NSCL-1; Clinical Stage 1,2,3 = Smoking cessation advice and counseling are offered.

University Medical Center/Southwest Cancer Center data;

Tobacco Users	24 = 77%
Smoking cessation discussion noted	24 = 100%

**2016 Assessment of Evaluation and Treatment Planning  
Non Small Cell Carcinoma**

**STUDY PURPOSE:** To assess if Stage I Non Small Cell Lung Carcinoma cases diagnosed and treated at University Medical Center/Southwest Cancer Center have diagnostic work-up and treatment based on NCCN Guidelines.

CoC Cancer Program Requirement: Std 4.6; Assessment and Evaluation of Treatment Planning: Each year, a physician member of the cancer committee performs a study to assess whether patients within the program are evaluated and treated according to evidence-based national treatment guidelines. The study must determine that the diagnostic evaluation is adequate and the treatment plan is concordant with a recognized guideline.

**Background:**

The study conducted by Cancer Committee this year analyzed the diagnostic and treatment patterns of Non Small Cell Lung Carcinoma patients compared to the NCCN (National Comprehensive Cancer Network) Version 4.2016.

**Study Criteria: Site Specific Sample based on identified need or concern:**

Site Specific Sample:	Non Small Cell Lung Carcinoma
Accession Year:	2014, Class of Case 10-22
Focus on AJCC Clinical Stages:	Stage IA: T1a, N0, M0; T1b, N0, M0 Stage IB: T2a, N0, M0

2014 Total Cases: Stage I = 12

Data reviewed for each case included looking at the patient's age, diagnostic workup, clinical stage, and first course of treatment documented in the Cancer Registry (CR) abstract.

**Diagnostic Evaluation and Primary Treatment based on NCCN Guideline:**

Preliminary workup following a positive biopsy for a suspicious mass:

- \* Pathology Diagnostic Report should contain: Histologic classification as described by the WHO for carcinomas of the lung.
- \* H&P with attention to performance status, documented positive weight loss.
- \* CT Chest and Upper Abdomen to include adrenals.
- \* Pulmonary Function Tests (PFT's)
- \* Smoking cessation advise, counseling and/or pharmacotherapy.

Primary Treatment:

- \* Stage IA and Stage IB: surgical resection with mediastinal lymph node dissection with at least 10 lymph nodes removed.

**2014 SWCC Non Small Cell Lung Carcinoma Cases: Study Assessment Summary:**

A review of all of the NSCLC cases for 2014 showed a total of 67 cases of non small cell lung carcinoma were accessioned by the UMC/SWCC Cancer Registry. (12) Stage I, (9) Stage 3, (42) Stage 4. 54% males and 46% females. 100% histologically confirmed diagnosis. Ethnicity: 100% White. Ages ranged at diagnosis 53 to 78 with median age at diagnosis being 66 years of age.

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**Diagnostic Workup:**

**H&P NCCN Recommended Data Items and SWCC Rates:**

	Performance Status	Documented Wt Loss	Tobacco Abuse	Documented Tobacco Cessation	PFT's Done/ Ordered	CT Chest/ Abd
Stage 1a						
201400210	Recorded	Recorded	Recorded	Recorded	Recorded	Recorded
201400567	Recorded	Not Recorded	Recorded	Recorded	Not Recorded	Recorded
201400910	Recorded	Recorded	Recorded	Recorded	Recorded	Recorded
201400740	Recorded	Recorded	Recorded	Recorded	Recorded	Recorded
201400239	Recorded	Recorded	Recorded	Recorded	Recorded	Recorded
201400309	Recorded	Recorded	Recorded	Recorded	Recorded	Recorded
Stage 1b						
201400095	Recorded	Recorded	Recorded	Recorded	Recorded	Recorded
201400250	Recorded	Recorded	Recorded	Recorded	Recorded	Recorded
201400242	Recorded	Recorded	Recorded	Recorded	Recorded	Recorded
201400615	Recorded	Recorded	Recorded	Recorded	Recorded	Recorded
201400241	Recorded	Recorded	Recorded	Recorded	Recorded	Recorded
201400378	Recorded	Recorded	Recorded	Recorded	Recorded	Recorded
	100%	92%	100%	100%	92%	100%

**H&P NCCN Recommended Data Items and SWCC Rates:**

	Diagnostic Histologic Classification	Resection TS	Resection Margins	# LNS Examined	Pleural Involvement
Stage 1a					
201400210	Recorded	Recorded	Recorded	Recorded	Recorded
201400567	Recorded	Recorded	Recorded	Recorded	Recorded
201400910	Recorded	Recorded	Recorded	Recorded	Recorded
201400740	Recorded	Recorded	Recorded	Recorded	Recorded
201400239	Recorded	Recorded	Recorded	Recorded	Recorded
201400309	Recorded	Recorded	Recorded	Recorded	Recorded
Stage 1b					
201400095	Recorded	Recorded	Recorded	Recorded	Recorded
201400250	Recorded	Recorded	Recorded	Recorded	Recorded
201400242	Recorded	NA no SX	NA no SX	NA no SX	NA no SX
201400615	Recorded	Recorded	Recorded	Recorded	Recorded
201400241	Recorded	Recorded	Recorded	Recorded	Recorded
201400378	Recorded	Recorded	Recorded	Recorded	Recorded
	100%	100%	100%	100%	100%

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**Treatment Summary:**

	Surgery	Scope of LND CoC Std 10 Removed
Stage 1a		
201400210	33 - Lobectomy with LNS	04
201400567	21 - Wedge Resection	02
201400910	21 - Wedge Resection	03
201400740	21 - Wedge Resection	00
201400239	33 - Lobectomy with LNS	09
201400309	33 - Lobectomy with LNS	06
Stage 1b		
201400095	33 - Lobectomy with LNS	07
201400250	33 - Lobectomy with LNS	14
201400242	02 - Biopsy Only	NA no SX
201400615	21 - Wedge Resection	00
201400241	30 - Lobectomy	01
201400378	21 - Wedge Resection	00