

National Radiology Data Registry Quarterly Report, Jan-Sep 2017

Tower Imaging Medical Group
(Facility ID: 105561)



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Facility 105561 National Comparison
Jan-Sep 2017

Measure		2017			
		Your Facility (105561)		All LCSR	
		Rate	Num-Den	Rate	Num-Den
All Exams		4	4	182404	182404
Appropriateness of screening by USPSTF criteria		100.00	(4 / 4)	90.39	(164867 / 182404)
Smoking cessation offered		100.00	(4 / 4)	77.20	(140810 / 182404)
	Smoking cessation offered among current smokers	100.00	(3 / 3)	84.97	(91612 / 107813)
Radiation exposure 1					
	Mean CTDIvol - Overall	1.95	(NA / 4)	3.28	(NA / 182404)
	Mean CTDIvol - underweight (BMI <18.5)	.		2.77	(NA / 7479)
	Mean CTDIvol - normal (BMI of 18.5–24.9)	1.72	(NA / 2)	2.63	(NA / 46317)
	Mean CTDIvol - overweight (BMI of 25–29.9)	1.62	(NA / 1)	3.16	(NA / 60597)
	Mean CTDIvol - obese (BMI of 30 or greater)	2.74	(NA / 1)	3.92	(NA / 65078)
Radiation exposure 2					
	Mean DLP - Overall	78.63	(NA / 4)	96.98	(NA / 182404)
	Mean DLP - underweight (BMI <18.5)	.		84.74	(NA / 7479)
	Mean DLP - normal (BMI of 18.5–24.9)	70.45	(NA / 2)	80.08	(NA / 46317)
	Mean DLP - overweight (BMI of 25–29.9)	66.80	(NA / 1)	92.32	(NA / 60597)
	Mean DLP - obese (BMI of 30 or greater)	106.80	(NA / 1)	114.99	(NA / 65078)
Abnormal Interpretation Rate					
	(Lung-RADS 3, 4a, 4b, 4x)	25.00	(1 / 4)	16.84	(30708 / 182404)
	Abnormal Interpretation Rate, at baseline exam	25.00	(1 / 4)	18.37	(25115 / 136706)
	Abnormal Interpretation Rate, at annual exam	.		11.39	(4970 / 43630)
Cancer Detection Rate (CDR) per 1000					
		.	(NA / 4)	2.72	(496 / 182404)
	CDR for prevalent cancers, detected at baseline exam	.	(NA / 4)	3.12	(426 / 136706)
	CDR for incident cancers, detected at annual exam	.		1.33	(58 / 43630)
Positive Predictive Value 1 (PPV1)					
		.	(NA / 1)	0.02	(496 / 30708)
	PPV1 for lung cancers detected on percutaneous biopsies	.		0.48	(200 / 415)
	PPV1 for lung cancers detected on bronchoscopies	.		0.47	(173 / 365)
	PPV1 for surgically detected lung cancers	.		0.63	(177 / 279)
Positive Predictive Value 2a (PPV2a)		.	(NA / 1)	0.00	(96 / 25783)

Facility 105561 Regional Comparison
Jan-Sep 2017

Measure		2017							
		Your Facility (105561)		Suburban		Freestanding		Pacific Division	
		Rate	Num-Den	Rate	Num-Den	Rate	Num-Den	Rate	Num-Den
All Exams		4	4	69755	69755	43238	43238	12425	12425
Appropriateness of screening by USPSTF criteria		100.00	(4 / 4)	90.22	(62934 / 69755)	86.54	(37417 / 43238)	83.08	(10323 / 12425)
Smoking cessation offered		100.00	(4 / 4)	76.86	(53615 / 69755)	77.34	(33441 / 43238)	72.93	(9061 / 12425)
	Smoking cessation offered among current smokers	100.00	(3 / 3)	83.94	(34360 / 40932)	83.05	(21045 / 25339)	81.52	(5683 / 6971)
Radiation exposure 1	Mean CTDivol - Overall	1.95	(NA / 4)	3.24	(NA / 69755)	3.15	(NA / 43238)	3.13	(NA / 12425)
	Mean CTDivol - underweight (BMI <18.5)	.		2.79	(NA / 3179)	2.58	(NA / 1735)	2.58	(NA / 734)
	Mean CTDivol - normal (BMI of 18.5–24.9)	1.72	(NA / 2)	2.55	(NA / 17311)	2.58	(NA / 11764)	2.53	(NA / 3293)
	Mean CTDivol - overweight (BMI of 25–29.9)	1.62	(NA / 1)	3.17	(NA / 22952)	3.17	(NA / 15059)	3.03	(NA / 4230)
	Mean CTDivol - obese (BMI of 30 or greater)	2.74	(NA / 1)	3.86	(NA / 25048)	3.66	(NA / 14177)	3.90	(NA / 3974)
Radiation exposure 2	Mean DLP - Overall	78.63	(NA / 4)	95.97	(NA / 69755)	97.79	(NA / 43238)	97.25	(NA / 12425)
	Mean DLP - underweight (BMI <18.5)	.		84.82	(NA / 3179)	86.15	(NA / 1735)	89.59	(NA / 734)
	Mean DLP - normal (BMI of 18.5–24.9)	70.45	(NA / 2)	79.37	(NA / 17311)	81.73	(NA / 11764)	79.27	(NA / 3293)
	Mean DLP - overweight (BMI of 25–29.9)	66.80	(NA / 1)	91.48	(NA / 22952)	94.55	(NA / 15059)	92.01	(NA / 4230)
	Mean DLP - obese (BMI of 30 or greater)	106.80	(NA / 1)	113.67	(NA / 25048)	116.20	(NA / 14177)	118.82	(NA / 3974)
Abnormal Interpretation Rate	(Lung-RADS 3, 4a, 4b, 4x)	25.00	(1 / 4)	16.97	(11837 / 69755)	16.82	(7272 / 43238)	15.61	(1939 / 12425)
	Abnormal Interpretation Rate, at baseline exam	25.00	(1 / 4)	18.80	(9794 / 52086)	17.70	(5841 / 33007)	16.37	(1480 / 9039)
	Abnormal Interpretation Rate, at annual exam	.		10.86	(1857 / 17096)	12.82	(1260 / 9827)	10.90	(327 / 3000)
Cancer Detection Rate (CDR) per 1000		.	(NA / 4)	2.87	(200 / 69755)	1.11	(48 / 43238)	1.21	(15 / 12425)