YAVAPAI REGIONAL MEDICAL CENTER

Proudly Caring for Western Yavapai County

Lung Cancer Screening Pack-Year Calculator

This calculator will help you determine if you qualify for the low-dose computed tomography (LDCT) screening program at Yavapai Regional Medical Center (YRMC). This screening is performed by YRMC's Imaging Services as part of our Lung Cancer Screening and Care. LDCT can detect small nodules in the lungs—an indicator of lung cancer in its earliest and most treatable stages.

If the Lung Cancer Screening Pack-Year Calculator shows you qualify for screening, please contact your physician immediately to discuss LDCT at YRMC.

If you're a current or former smoker who doesn't meet the criteria but who has concerns about lung cancer, we encourage you to speak to your physician about LDCT at YRMC.

Questions?
Please contact our Lung Cancer Screening and Care Clinical Navigator at (928) 771-5454.

Lung Cancer Screening Pack-Year-Calculator

PACKS PER DAY (20 cigarettes per pack)

YEARS SMOKED	0.5	1	1.5	2	2.5	3	3.5	4	4.5	5
5	2.5	5	7.5	10	12.5	15	17.5	20	22.5	25
6	3	6	9	12	15	18	21	24	27	30
7	3.5	7	10.5	14	17.5	21	24.5	28	31.5	35
8	4	8	12	16	20	24	28	32	36	40
9	4.5	9	13.5	18	22.5	27	31.5	36	40.5	45
10	5	10	15	20	25	30	35	40	45	50
11	5.5	11	16.5	22	27.5	33	38.5	44	49.5	55
12	6	12	18	24	30	36	42	48	54	60
13	6.5	13	19.5	26	32.5	39	45.5	52	58.5	65
14	7	14	21	28	35	42	49	56	63	70
15	7.5	15	22.5	30	37.5	45	52.5	60	67.5	75
16	8	16	24	32	40	48	56	64	72	80
17	8.5	17	25.5	34	42.5	51	59.5	68	76.5	85
18	9	18	27	36	45	54	63	72	81	90
19	9.5	19	28.5	38	47.5	57	66.5	76	85.5	95
20	10	20	30	40	50	60	70	80	90	100
21	10.5	21	31.5	42	52.5	63	73.5	84	94.5	105
22	11	22	33	44	55	66	77	88	99	110
23	11.5	23	34.5	46	57.5	69	80.5	92	103.5	115
24	12	24	36	48	60	72	84	96	108	120
25	12.5	25	37.5	50	62.5	75	87.5	100	112.5	125
26	13	26	39	52	65	78	91	104	117	130
27	13.5	27	40.5	54	67.5	81	94.5	108	121.5	135
28	14	28	42	56	70	84	98	112	126	140
29	14.5	29	43.5	58	72.5	87	101.5	116	130.5	145
30	15	30	45	60	75	90	105	120	135	150

Does not meet criteria for screening

Meets criteria for screening