

Patient	LN's Number	Density(max)	Density(mean)	Density(mir)	Density(std.)	Density(sum)	IOD	Nanocarbon Staining	LN Metastasis	Max-Axis(mm)	Distance to Tumor	Margin(%)	Occupation
cjc	01-01	104	77.2045	15	11.30428	1740344	1740344	Absent	Non-Metastatic	5		15	0
cjc	01-02	127	95.71127	18	12.51067	3761166	3761166	Present	Non-Metastatic	6		21	0
cjc	01-03	72	56.03446	14	7.66282	1045267	1045267	Absent	Non-Metastatic	6		27	0
cjc	01-04	49	20.38944	0	5.762399	303395	303395	Absent	Metastatic	8		10	45
cjc	01-05	73	35.2122	10	8.593257	1303450	1303450	Absent	Non-Metastatic	3		15	0
cjc	01-06	105	80.00505	16	10.57818	934539	934539	Absent	Non-Metastatic	3		17	0
cjc	01-07	72	53.73146	8	6.489676	962223	962223	Absent	Non-Metastatic	3		16	0
cjc	01-08	137	103.8358	27	13.00858	1228378	1228378	Present	Non-Metastatic	2		19	0
cjc	01-09	78	50.46537	11	6.572091	1422417	1422417	Absent	Non-Metastatic	8		19	0
cjc	01-10	83	57.40542	8	6.999119	1582036	1582036	Absent	Non-Metastatic	7		19	0
cxg	03-01	58	25.4601383	10	7.446246	388649	388649	Present	Metastatic	5		15	30
cxg	03-02	138	88.6848679	13	21.54491	1526710	1526710	Present	Non-Metastatic	2		27	0
cxg	03-03	127	101.613663	50	12.6331	2801387	2801387	Present	Non-Metastatic	2		27	0
cxg	03-04	146	102.060303	7	19.03174	4359914	4359914	Present	Non-Metastatic	1		29	0
cxg	03-06	182	112.39476	16	25.60342	4486012	4486012	Present	Non-Metastatic	3		32	0
cxg	03-07	179	120.690453	61	14.95969	6348559	6348559	Present	Non-Metastatic	3		32	0
cxg	03-08	133	95.7068863	30	19.44043	1868677	1868677	Present	Non-Metastatic	2		32	0
cxg	03-09	97	53.8721046	0	16.51789	834856	834856	Present	Non-Metastatic	3		32	0
cxg	03-10	123	73.489624	0	17.18225	598279	598279	Present	Non-Metastatic	1		35	0
fxx	05-01	144	86.45268	28	19.64563	4258659	4258659	Present	Non-Metastatic	4		12	0
fxx	05-02	160	118.1906	20	13.87907	4905505	4905505	Present	Non-Metastatic	3		32	0
fxx	05-03	149	105.0184	14	20.18668	7215922	7215922	Present	Non-Metastatic	3		38	0
fxx	05-04	138	96.34854	14	19.47004	4042881	4042881	Present	Non-Metastatic	2		16	0
fxx	05-05	108	73.83409	14	14.50456	2970198	2970198	Present	Non-Metastatic	3		15	0
fxx	05-06	138	107.7588	13	10.781	8970710	8970710	Present	Non-Metastatic	3		18	0
fxx	05-07	131	93.07133	22	13.92541	4431964	4431964	Present	Non-Metastatic	3		18	0
fxx	05-08	124	74.71972	11	13.84775	2429512	2429512	Present	Non-Metastatic	3		16	0
fxx	05-09	141	89.79644	13	14.31207	6100591	6100591	Absent	Non-Metastatic	5		22	0
fxx	05-10	160	107.619	13	14.53793	8650635	8650635	Present	Non-Metastatic	3		15	0
fxx	05-11	72	32.11295	0	20.40314	1193510	1193510	Absent	Metastatic	5		12	30
gxy	06-01	113	63.95762	0	15.24277	3107509	3107509	Present	Non-Metastatic	10		23	0
gxy	06-02	125	80.9607	25	15.93469	3444311	3444311	Present	Non-Metastatic	6		17	0
gxy	06-03	105	63.27859	10	10.18276	2514818	2514818	Present	Non-Metastatic	5		34	0
gxy	06-04	128	94.19991	22	10.77737	6000346	6000346	Absent	Non-Metastatic	6		11	0
gxy	06-05	138	100.8606	39	10.21284	8984969	8984969	Absent	Non-Metastatic	5		27	0
gxy	06-06	116	90.23946	16	12.32009	2706101	2706101	Present	Non-Metastatic	1		36	0
gxy	06-07	168	117.7781	35	20.02398	7198835	7198835	Absent	Non-Metastatic	3		37	0
gxy	06-08	83	49.40768	7	7.22504	3624054	3624054	Present	Metastatic	10		9	15
gxy	06-09	82	23.91006	0	13.60232	1204637	1204637	Present	Metastatic	8		9	30
gxy	06-10	59	22.07313	0	9.437598	1166499	1166499	Absent	Metastatic	8		12	25
gxy	06-11	60	23.65047	0	8.610567	604175	604175	Present	Metastatic	3		12	25
gxy	06-12	150	107.8699	15	17.70962	2803541	2803541	Present	Non-Metastatic	1		26	0
gxy	06-13	44	16.52748	12	1.096832	1007697	1007697	Absent	Metastatic	3		12	100
gxy	06-14	155	124.6552	28	13.14797	3029497	3029497	Present	Non-Metastatic	3		30	0
gxy	06-15	72	24.80332	0	9.187494	1455385	1455385	Absent	Metastatic	8		12	45

gxy	06-16	113	65. 87653	9 14. 41575	2993759	2993759	Present	Non-Metastatic	10	20	0
gxy	06-17	105	69. 73016	21 10. 98199	4907609	4907609	Absent	Non-Metastatic	8	30	0
hje	13-01	104	55. 56942	0 21. 84345	817593	817593	Present	Non-Metastatic	5	13	0
hje	13-02	103	49. 57874	0 15. 79555	2827674	2827674	Present	Non-Metastatic	6	33	0
hje	13-03	116	55. 51634	0 27. 30713	2085416	2085416	Present	Non-Metastatic	6	15	0
hje	13-04	125	17. 36077	8 2. 991405	1415910	1415909	Absent	Non-Metastatic	12	26	0
hje	13-05	72	17. 91727	2 4. 365973	4757717	4757717	Absent	Metastatic	2	7	100
hje	13-07	83	29. 85064	0 15. 74182	1439428	1439428	Absent	Non-Metastatic	5	39	0
hje	13-08	71	7. 422441	0 11. 75322	281407	281407	Absent	Non-Metastatic	8	30	0
hje	13-09	83	8. 17751	0 11. 02498	480903	480903	Present	Non-Metastatic	5	24	0
hje	13-10	103	18. 42381	5 3. 986235	3081438	3081438	Absent	Metastatic	2	7	85
slb	19-01	113	28. 3591442	0 18. 08841	985225	985225	Present	Metastatic	4	12	45
slb	19-02	149	96. 7985001	10 13. 48145	15428713	15428713	Absent	Non-Metastatic	10	38	0
slb	19-03	137	66. 472496	8 15. 33538	10134663	10134663	Present	Non-Metastatic	12	37	0
slb	19-04	127	77. 5825729	12 13. 79903	5281744	5281744	Absent	Non-Metastatic	6	36	0
slb	19-05	83	59. 1680908	13 10. 19113	1330927	1330927	Present	Non-Metastatic	3	30	0
slb	19-06	124	71. 67601	0 21. 8548	3730880	3730880	Present	Non-Metastatic	3	24	0
slb	19-07	105	53. 9122086	13 14. 68054	1179060	1179060	Present	Non-Metastatic	6	35	0
slb	19-08	60	35. 5299721	9 8. 409489	573134	573134	Absent	Non-Metastatic	4	32	0
slb	19-09	184	134. 00322	13 19. 36544	5080598	5080598	Absent	Non-Metastatic	4	29	0
slb	19-10	115	77. 4381561	8 11. 34712	2440541	2440541	Absent	Non-Metastatic	3	14	0
slb	19-11	157	80. 2395859	12 15. 98522	2095216	2095216. 13	Absent	Non-Metastatic	2	11	0
ssh	20-01	49	21. 8300514	9 4. 084978	1055090	1055090	Present	Metastatic	6	10	45
ssh	20-02	83	48. 4172401	10 8. 30051	2177178	2177178	Absent	Non-Metastatic	10	17	0
ssh	20-03	94	62. 6875267	11 10. 786	9316495	9316495	Present	Non-Metastatic	8	13	0
ssh	20-04	83	57. 4054985	9 4. 574619	2751503	2751503	Absent	Non-Metastatic	4	32	0
ssh	20-05	111	15. 0603189	0 7. 311216	1302567	1302567	Present	Metastatic	15	10	75
ssh	20-06	70	27. 1783962	0 9. 594416	3642802	3642802	Absent	Metastatic	12	10	45
ssh	20-07	97	72. 6640396	16 11. 67365	1555955	1555955. 13	Absent	Non-Metastatic	3	31	0
ssh	20-08	114	84. 6825562	15 12. 94317	1435708	1435708	Present	Non-Metastatic	3	28	0
zy	27-01	93	54. 4517021	10 11. 6729	1713105	1713105	Present	Non-Metastatic	2	23	0
zy	27-02	83	57. 3585014	22 6. 794682	1838512	1838512	Present	Non-Metastatic	2	14	0
zy	27-03	115	81. 1920471	23 12. 32269	2305367	2305367	Present	Non-Metastatic	3	17	0
zy	27-04	127	80. 0815353	11 16. 52985	3416038	3416038	Present	Non-Metastatic	2	21	0
zy	27-05	189	131. 453598	44 20. 45639	2791943	2791943	Present	Non-Metastatic	3	28	0
zy	27-06	149	108. 233833	18 18. 76004	4889247	4889247	Present	Non-Metastatic	2	24	0
zy	27-07	113	77. 41191	0 11. 93614	4906986	4906986	Present	Non-Metastatic	3	22	0
zy	27-08	38	15. 4595032	12 2. 588782	1300979	1300979	Absent	Metastatic	6	15	100
zy	27-09	25. 666666	6. 25516748	0. 666667 1. 875117	335302	335302	Absent	Metastatic	3	15	100
zzg	28-01	161	84. 2103729	7 15. 90659	7386681	7386681. 5	Absent	Non-Metastatic	10	36	0
zzg	28-02	105	65. 2942429	9 11. 97228	2908728	2908728	Present	Metastatic	8	20	15
zzg	28-03	110	50. 3868675	0 15. 38243	3185609	3185609	Present	Non-Metastatic	13	24	0
zzg	28-04	138	84. 1780777	10 12. 68805	3732540	3732540. 25	Present	Non-Metastatic	5	38	0
zzg	28-05	122	78. 8015823	14 15. 14641	368555	368555	Present	Non-Metastatic	10	27	0
zzg	28-06	99	50. 3921242	0 11. 55116	2679198	2679198	Present	Non-Metastatic	4	14	0
zzg	28-07	75	26. 0867062	8 4. 886718	1336735	1336735	Present	Non-Metastatic	5	26	0

zzg	28-08	127	94.7429581	35	11.33396	259122	259121.984	Present	Non-Metastatic	3	29	0
zzg	28-09	139	75.5863647	0	19.414	4102072	4102072	Present	Non-Metastatic	3	12	0
zzg	28-10	111	77.3678589	20	8.400045	7112427	7112427.5	Present	Non-Metastatic	7	18	0
zzg	28-11	160	104.36261	12	23.63913	2819982	2819982	Present	Non-Metastatic	1	24	0
zzg	28-12	122	81.4104614	12	11.24813	2588934	2588934	Present	Non-Metastatic	1	30	0