

Age	Sex	Pathological grades	clinical stage (cTNM)	T	N	M	Tumor differentiation	Tumor number	Tumor size (cm)	Postoperative vascular invasion	HbsAg	ALP	Preoperative BCLC stage
54	M	III	IV A	T4	N1	M0	poor	1	5.3×5.0×3.0	No	0.2	227.26	B
61	M	II~III	IV B	T4	N1	M1	mediate	1	8.1×9.2×9.6	Yes	178.42	60.98	C
66	M	I-II	III B	T3	N0	M0	mediate	1	13.0×9.0×4.0	Yes	33.51	64.21	B
57	M	II~III	IV A	T4	N1	M0	poor	1	11.0×9.8×9.0	No	107.6	182.48	C
57	F	II~III	IV B	T4	N1	M1	poor	1	3.1×3.8×2.6	Yes	29.42	69.17	C
56	M	II	IV A	T3	N1	M0	mediate	1	8.7×6.0×5.0	Yes	63.04	80.89	B
56	M	II	IV A	T4	N1	M0	poor	1	2.9×2.5×2.0	Yes	356.3	58.45	A1
52	M	II	IV A	T4	N1	M0	mediate	1	9.0×8.5×4.0	Yes	327.1	97.84	C
74	M	II-III	III B	T3	N0	M0	mediate	1	21.0×12.0×6.0	Yes	412.4	99.22	C
50	M	II	II	T2	N0	M0	mediate	1	5.8×5.9×3.0	No	289.3	109.44	B
47	M	II	IV A	T3	N1	M0	mediate	3	1: 0.3×0.2×0.5; 2: 3.0×2.1×1.4; 3: 2.6×3.8×4.0	Yes	245.3	98.77	A4
50	F	I-II	IV A	T3	N1	M0	well	1	13.5×14.3×12	Yes	71.43	126.62	C
57	M	II	IV A	T3	N1	M0	mediate	1	19.0×16.0×6.0	Yes	300.77	277.6	C
66	M	I	IV A	T3	N1	M0	well	1	9.2×8.0×8.4	Yes	212.6	100.63	B
57	M	II	IV A	T3	N1	M0	mediate	1	5.0×5.3×6.0	Yes	207	97.73	B
43	M	I~II	IV A	T3	N1	M0	well	1	9.3×10.5×11.0	Yes	150	140.89	B
54	M	III	IV A	T4	N1	M0	poor	1	4.0×3.5×3.5	No	40.13	60.23	C
80	F	II~III	IV A	T3	N1	M0	mediate	1	7.3×6.1×5.0	Yes	309.4	142	B
28	F	II	IV A	T3	N1	M0	mediate	1	2.7×2.6×2.0	Yes	251.8	146.89	A1
56	F	I-II	III B	T3	N0	M0	mediate	1	7.5×8.5×10.5	Yes	30.41	70.12	C
54	M	III	III B	T3	N0	M0	mediate	1	6.9×5.0×3.5	Yes	72.9	66.59	B
63	M	II	III B	T3	N0	M0	mediate	1	9.0×10.1×12.0	Yes	43.01	299.62	B
37	M	III	II	T2	N0	M0	mediate	1	8.0×10.0×9.7	No	298.8	79	B
61	M	II	III B	T3	N0	M0	mediate	1	11.0×10.0×11.0	Yes	60.44	95.1	B
35	M	III	III B	T3	N0	M0	mediate	1	2.5×2.0×1.8	Yes	38.7	48.54	A2
17	F	II	III B	T3	N0	M0	mediate	1	2.8×19.7×6.7	Yes	21.5	80.71	C
35	M	III	III B	T3	N0	M0	mediate	1	8.0×6.0×6.8	Yes	34.61	89.83	B
48	M	III	III B	T3	N0	M0	poor	1	6.2×5.3×3.2	Yes	283.4	110.79	B
72	M	II	III B	T3	N0	M0	mediate	1	3.4×2.6×2.0	Yes	228.7	145.67	A1
58	M	II	III B	T3	N0	M0	mediate	1	4.5×5.5×3.9	Yes	413.08	74.92	B
58	M	II~III	IV B	T4	N1	M1	poor	1	12.8×10.5×7.6	Yes	214.5	237.9	C
44	M	II	II	T2	N0	M0	mediate	1	8.2×6.0×4.3	No	251.1	106.7	B

33	M	II~III	IV A	T4	N1	M0	poor	2	1: 2.4×2.1×1.8; 2: 3.6×4.1×1.5	No	0.21	68.32	A4
56	M	II	IV A	T4	N1	M0	poor	1	2.4×3.5×2.2	Yes	53.9	135.89	A3
49	M	II	III C	T4	N0	M0	mediate	1	3.5×2.8×2.3	Yes	32.8	247.98	A1
52	M	II	IV A	T4	N1	M0	mediate	1	7.0×7.9×7.0	Yes	269.12	91.45	C
78	M	II	III B	T3	N0	M0	mediate	1	5.3×4.0×3.8	Yes	6.5	77.63	A2
66	M	I~II	IV A	T3	N1	M0	mediate	1	13.7×12.4×15.0	Yes	177.8	143.29	C
56	M	II	IV A	T4	N1	M0	mediate	1	4.2×2.9×3.5	Yes	106.3	230.02	A3
57	M	II~III	IV A	T4	N1	M0	poor	1	7.8×8.0×4.2	No	72.22	119	C
69	F	II	IV A	T4	N1	M0	poor	1	9.0×10.6×7.8	Yes	41.86	108.47	C
61	M	II~III	IV B	T4	N1	M1	poor	1	6.5×7.5×9.1	Yes	201	67.77	C
56	M	II~III	IV A	T3	N1	M0	poor	1	6.3×6.0×6.0	Yes	61.02	68.99	C
50	M	II	II	T2	N0	M0	mediate	1	12.0×15.0×12.4	No	0.18	110.32	B
60	M	II	III B	T3	N0	M0	mediate	1	7.1×7.2×8.5	Yes	0.39	117.56	B
43	M	II	II	T2	N0	M0	mediate	1	5.3×3.6×3.0	No	177.9	99.03	A2
63	M	II	II	T2	N0	M0	mediate	1	4.5×4.9×4.0	No	123.8	100.98	A1
35	M	II	III B	T3	N0	M0	mediate	1	7.6×6.1×7.3	Yes	350.79	56.78	B
29	M	II	III B	T3	N0	M0	mediate	1	7.3×5.1×7.0	Yes	225.06	53.87	B
40	M	II	II	T2	N0	M0	mediate	1	6.0×3.5×5.0	No	118.2	120.35	A1
56	M	II	IV A	T3	N1	M0	mediate	1	6.5×5.0×4.7	Yes	169.6	145.61	B
48	M	II~III	III A	T3	N0	M0	mediate	3	1: 2.1×1.3×1.1; 2: 0.9×0.3×0.4; 3: 1.8×2.3×1.5	No	276.7	82.2	A4
50	M	II~III	III B	T3	N0	M0	mediate	1	8.2×8.4×7.0	Yes	156.7	88.88	B
47	M	II~III	III B	T3	N0	M0	mediate	1	14.0×14.0×8.0	Yes	300.98	52.35	C
44	M	II~III	III B	T3	N0	M0	mediate	1	9.0×8.0×4.0	Yes	363.83	54.66	B
57	F	II~III	IV B	T4	N1	M1	poor	1	8.0×7.5×6.8	Yes	275.5	108.54	C
33	M	II~III	II	T2	N0	M0	mediate	1	9.6×9.2×8.9	No	89.68	78.7	B
41	M	II~III	II	T2	N0	M0	mediate	1	5.0×6.0×6.0	No	90.71	82.5	A2
38	F	II~III	II	T2	N0	M0	mediate	1	6.0×8.0×11.0	No	229.9	99.16	B
56	M	II~III	III B	T3	N0	M0	mediate	1	6.6×5.0×5.5	Yes	0.07	65.41	B
57	M	II~III	IV A	T4	N1	M0	poor	1	7.5×7.0×6.0	Yes	211.4	106.56	C
37	M	II~III	II	T2	N0	M0	mediate	1	7.6×6.8×7.0	No	219.8	101.21	B
38	M	II~III	II	T2	N0	M0	mediate	1	7.0×6.7×6.5	No	252.2	103.87	B
61	M	II~III	IV B	T4	N1	M1	poor	1	10.8×9.7×9.8	No	243	108.54	C
33	M	III	II	T2	N0	M0	mediate	1	16.9×11.3×12.4	No	45.4	79.25	B
65	M	III	II	T2	N0	M0	mediate	1	3.8×3.8×4.5	No	213.8	100.44	A1
68	M	III	II	T2	N0	M0	mediate	1	3.8×3.4×4.9	No	292.8	104.56	A3

54	M	III	IV A	T4	N1	M0	poor	1	3.4×2.5×2.2	No	0.28	115.5	A1
31	M	III	II	T2	N0	M0	mediate	2	1: 5.7×7.1×6.5; 2: 0.4×0.3×0.2	No	253.9	84.39	B