

Table 1 Baseline Patient Characteristics

Variable	The Total				Patient with Solitary Tumor <3cm			
	EOB-MRI	Routine MRI	CT	<i>P</i>	EOB-MRI	Routine MRI	CT	<i>P</i>
Total	148	218	176		72	33	46	
Gender				0.336				0.718
Male	131(88.5%)	183(83.9%)	146(83.0%)		61(84.7%)	26(78.8%)	39(84.8%)	
Female	17(11.5%)	35(16.1%)	30(17.0%)		11(15.3%)	7(21.2%)	7(15.2%)	
Age (Mean, SD)	51.86±12.11	53.27±11.86	52.44±11.73	0.525	52.39±12.08	53.55±12.98	53.93±11.18	0.772
Follow-up period				0.923				0.932
(Median,Range	34.70(6.0-	34.85(6.0-	35.35(6.0-		34.45(6.0-	33.80(6.3-	34.12(6.1-	
Mean±SD,months)	70.8)	67.4)	69.3)		70.7)	65.8)	69.8)	
	33.36±20.20	30.23±18.51	31.33±18.31		32.44±19.31	31.16±17.06	33.12±19.26	
HBsAg-Positive				0.957				0.759
Yes	127(85.8%)	186(86.4%)	152(86.4%)		63(87.5%)	28(84.8%)	38(82.6%)	
No	21(14.2%)	32(14.7%)	24(13.6%)		9(12.5%)	5(15.2%)	8(17.4%)	
Cirrhosis				0.738				0.554
Yes	112(75.7%)	160(73.4%)	135(76.7%)		57(79.2%)	29(87.9%)	37(80.4%)	
No	36(24.3%)	58(26.6%)	41(23.3%)		15(20.8%)	4(12.1%)	9(19.6%)	
Child-Pugh				0.450				0.161
CP5	137(92.6%)	197(90.4%)	165(93.8%)		70(97.2%)	29(87.9%)	42(91.3%)	
CP6	11(7.4%)	21(9.6%)	11(6.3%)		2(2.8%)	4(12.1%)	4(8.7%)	
AFP				0.873				0.408
<400ng/ml	93(62.8%)	135(61.9%)	104(59.1%)		45(62.5%)	21(63.6%)	27(58.7%)	
≥400ng/ml	55(37.2%)	83(38.1%)	72(40.9%)		27(37.5%)	12(36.4%)	19(41.3%)	
Diameter(cm)				<0.001				0.974
(Mean±SD,	3.54±2.32	5.51±3.56	5.05±4.06		1.97±0.52	1.99±0.54	1.97±0.53	
Median)	2.50	4.50	4.00					
Nodule				0.606	NA	NA	NA	NA
Single	115(77.6%)	170(78.0%)	142(80.7%)					
Multiple	33(22.3%)	48(22.0%)	34(19.3%)					

Table 2. Univariate and Multivariate Analysis for Prediction of RFS

Variable	Univariate analyses		Multivariate analyses	
	HR (95%CI)	P-value	HR (95%CI)	P-value
MRI (EOB-MRI Group vs Non-EOB-MRI Group)	0.63(0.47,0.86)	0.003	0.67(0.49,0.93)	0.015
Gender (male vs female)	0.91(0.63,1.31)	0.600	NA	NA
Age (<50 vs ≥50)	0.69(0.54,0.89)	0.004	0.70(0.54,0.91)	0.008
AFP (<400ng/ml vs ≥400ng/ml)	1.29(0.98,1.69)	0.065	1.12(0.84,1.48)	0.441
Diameter (<3cm vs ≥3cm)	1.32(1.00,1.73)	0.048	1.29(0.96,1.72)	0.087
Nodule (Single vs Multiple)	2.11(1.60,2.78)	<0.001	1.94(1.46,2.56)	<0.001
Child-Pugh (CP5 vs CP6)	1.60(1.05,2.43)	0.030	1.61(1.04,2.49)	0.032
HBV positive (Yes vs No)	1.70(1.11,2.59)	0.014	1.44(0.93,2.22)	0.103
Cirrhosis (Yes vs No)	1.31(0.97,1.78)	0.079	1.19(0.86,1.63)	0.292

Table 3. Univariate and Multivariate Analysis for Prediction of OS

Variable	Univariate analyses		Multivariate analyses	
	HR (95%CI)	P-value	HR (95%CI)	P-value
MRI (EOB-MRI Group vs Non-EOB-MRI Group)	0.60 (0.42,0.86)	0.005	0.69(0.48,1.00)	0.048
Gender (male vs female)	1.25(0.84,1.84)	0.269	NA	NA
Age (<50 vs >=50)	0.85(0.63,1.13)	0.256	NA	NA
AFP (<400ng/ml vs >=400ng/ml)	1.56 (1.16,2.12)	0.003	1.48(1.09,2.00)	0.012
Diameter (<3cm vs >=3cm)	1.47(1.06,2.04)	0.021	1.38(0.99,1.92)	0.059
Nodule (Single vs Multiple)	1.87(1.36,2.57)	<0.001	1.79(1.30,2.47)	<0.001
Child-Pugh (CP5 vs CP6)	1.40(0.84,2.33)	0.204	NA	NA
HBV positive (Yes vs No)	1.94(1.15,3.29)	0.014	1.88 (1.11,3.19)	0.020
Cirrhosis (Yes vs No)	1.26(0.89,1.77)	0.190	NA	NA