

Supplement table 1: Cause of death of patients with DeCi

Cause of death	28-days (n=50)	90-days (n=76)	6-months (n=91)
Respiratory failure, n (%)	15(30%)	15(19.7%)	15(16.5%)
Hemorrhagic shock, n (%)	20(40%)	34(44.7%)	44(48.4%)
Infectious shock, n (%)	4(8%)	4(5.3%)	5(5.5%)
Hepatic encephalopathy, n (%)	4(8%)	7(9.2%)	10(11.0%)
Hepatorenal syndrome, n (%)	3(6%)	5(6.6%)	5(5.5%)
Liver failure, n (%)	4(8%)	4(5.3%)	4(4.4%)
Uncertain, n (%)	0(0%)	7(9.2%)	8(8.8%)

Supplementary table 2: basic information and treatment differences between those who were lost to follow-up and the overall patient

Variable	Decompensated patients with Cirrhosis (n=456)	Loss to follow-up for 28-days (n=31)	P value	Loss to follow-up for 90-days (n=77)	P value	Loss to follow-up for 6-months (n=158)	P value
Sex (man), n (%)	344(75.4%)	21(67.7%)	0.339	54(70.1%)	0.322	116(73.4%)	0.614
Age, median (IQR)	53.5(46-63.75)	56.5(58-67.5)	0.749	57.5(55.5-68.5)	0.562	57(56.5-68.5)	0.657
Cause of liver cirrhosis, n (%)			0.341		0.128		0.171
Viral	276(60.5%)	21(67.7%)		50(71.4%)		95(65.2%)	
Alcoholic	72(15.8%)	7(25.8%)		17(22.1%)		36(26.0%)	
Combined alcoholic viral	37(8.1%)	2(6.5%)		5(3.9%)		12(4.4%)	
Other	28(6.1%)	1(3.2%)		2(2.3%)		6(3.2%)	
Cryptogenic	43(9.4%)	0(0%)		2(2.3%)		9(1.9%)	
Cause of hospitalization, n (%)			0.897		0.394		0.094
Ascites	3(0.7%)	0(0%)		0(0%)		1(0.6%)	
Gastrointestinal hemorrhage	407(89.2%)	28(90.3%)		72(93.5%)		151(95.6%)	
Hepatic encephalopathy	22(4.8%)	2(6.5%)		3(3.9%)		4(2.5%)	
Infection	24(5.3%)	1(3.2%)		1(3.2%)		2(1.3%)	
Ascites degree			0.954		0.344		0.179
No ascites	195(42.8%)	14(45.2%)		40(51.9%)		79(50.0%)	
1-degree ascites	123(27.0%)	9(29.0%)		21(27.3%)		48(30.4%)	
2-degree ascites	80(17.5%)	5(16.2%)		9(11.7%)		19(12.3%)	
3-degree ascites	58(12.7%)	3(9.7%)		7(9.1%)		12(7.6%)	
Acute renal failure, n (%)	20(4.4%)	1(3.2%)	0.758	2(2.6%)	0.466	5(3.2%)	0.503
Hepatocellular carcinoma, n (%)	56(12.3%)	3(9.7%)	0.667	11(14.2%)	0.624	26(16.5%)	0.184
Therapy, n (%)							
Vasopressor support	144(31.6%)	11(35.4%)	0.239	16(20.7%)	0.333	31(19.6%)	0.105
Mechanical ventilation	27(5.9%)	3(9.7%)	0.400	3(3.9%)	0.476	5(3.2%)	0.179
Renal replacement therapy	2(4.4%)	1(3.2%)	0.179	1(3.2%)	0.374	1(0.6%)	0.763

IQR: interquartile range