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Characteristics of Nutritional Status and the Effect of Pre-transplant Branched-chain Amino Acid Administration in Patients Undergoing Living Donor Liver Transplantation

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Subgroups assignment

Analyzed parameters

Statistical analysis

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V5BT 6 1 gs/TT1 1 Tf0able		

Risk factor analysis for post-transplant bacteremia

Discussion

	Variable	90-days OS	P
Desirient Ass (c)	<60 (n=88)	86%	0.283
Recipient Age (y)	60 (n=41)	91%	
D 4 ()	<50 (n=93)	91%	0.335
Donor Age (y)	50 (n=36)	85%	
	Male (n=63)	91%	0.143
Sex	Female (n=66)	83%	
0:: 1:	HCC (n=36)	81%	0.144
Original disease	Non-HCC (n=93)	90%	
10011	Compatible (n=92)	90%	0.087
ABO blood type	Incompatible (n=37)	81%	
	A, B (n=51)	91%	0.227
Child-Pugh classifcation	C (n=78)	84%	
	<20 (n=69)	92%	0.069
MELD score	20 (n=50)	81%	
	<0.8% (n=36)		
GRWR	0.8% (n=93)	91%	
	Right lobe (n=70)	88%	0.535
Graft	Left lobe (n=59)	86%	
	<12 (n=30)	89%	0.09
Operative time (h)	12 (n=99)	83%	
Operative blood loss (L)	<10 (n=88)	92%	0.079
	10 (n=41)	81%	
Pre-transplant zinc level	<39 (n=58)	84%	0.634
(µg/dL)	39 (n=71)	88%	
Pre-transplant	<5.4 (n=64)	83%	0.343
prealbumin level (mg/dL)	5.4 (n=65)	90%	
Pre-transplant BCAA	<375.2 (n=62)	81%	0.476
level (µmol/L)	375.2 (n=67)	85%	
	<2.92 (n=60)	85%	0.786
Pre-transplant BTR	2.92 (n=69)	87%	
Pre-transplant tyrosine	<131.7 (n=63)	89%	0.1
(µmol/L)	131.7 (n=66)	85%	
Pre-transplant total	<700 (n=61)	85%	0.698
lymphocyte count (/µL)	700 (n=68)	87%	
Dro transplant ammoria	<87 (n=61)	90%	0.5
Pre-transplant ammonia level (µg/dL)	87 (n=68)	85%	
BCAA supplementation	With (n=66)	91%	0.329
BCAA supplementation before admission	Absent (n=63)	86%	

†OS: Overall Survival; BCAA: Branched-Chain Amino Acids; BTR: BCAA-To-Tyrosine Ratio; GRWR: Graft-To-Recipient Body Weight Ratio; HCC: Hepatocellular Carcinoma; MELD: Model for End-Stage Liver Disease; LDLT: Living Donor Liver Transplantation

 Table 3: Univariate analysis of factors affecting post-transplant patient survival.

BCAA B R**BCAA BCAA** BCAA. 峰 BCAA**BCAA** R В С l -P **BCAA** LDL .I **MELD** 5 **BCAA BCAA BCAA BCAA** BIA BIA 22. F 23, . M BIA BIA

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