

Supplementary Table 1 Abnormal and Normal R-Values

	Normal R-Value* (N = 329)	Prolonged R- Value* (N = 15)	P Value
Age, yrs, mean (SD)	54.7 (10.9)	48.3 (14.2)	0.029
Male, %	55	60	0.687
White race, %	90	93	0.565
TEG Indication, %			0.536
- Anemia	14	7	
- Coagulopathy	32	47	
- Other	6	0	
- Overt Bleeding	40	47	
- Pre-procedure	6	0	
- Thrombocytopenia	3	0	
Cirrhosis etiology, %			0.774
- Alcohol	53	67	
- NASH	25	20	
- HCV	11	7	
- Other	11	7	
CCI, mean (SD)	6.7 (2.4)	6.3 (2.1)	0.550
PVT, %	7	7	0.998
DVT, %	5	0	0.560
ICU, %	60	73	0.308
Bleeding, %	56	60	0.773
Infection, %	46	67	0.120
ACLF, %	36	60	0.064
Child-Pugh A/B/C, %	1/15/84	0/7/93	0.636
MELD score, mean (SD)	27.5 (10.0)	35.4 (11.8)	0.003
MELD-Na score, mean (SD)	28.5 (9.8)	36.2 (11.5)	0.003
INR, mean (SD)	2.4 (1.3)	2.9 (1.3)	0.157
Bilirubin, median (IQR)	5.6 (2.5, 11.9)	7.4 (4.8, 24.4)	0.123
Creatinine, mean (SD)	2.0 (1.5)	3.6 (2.6)	<0.001
Fibrinogen, mean (SD)	150.4 (85.7)	150.0 (55.4)	0.988
Platelets, mean (SD)	95.7 (68.5)	90.2 (55.4)	0.758
Albumin, mean (SD)	2.8 (0.6)	2.8 (0.5)	0.991
Hemoglobin, mean (SD)	8.3 (1.8)	8.9 (1.9)	0.222
WBC, mean (SD)	11.1 (8.1)	17.6 (10.3)	0.003
Antiplatelet, %	10	13	0.618
- Aspirin, %	9	13	0.586
- Clopidogrel, %	2	0	0.630
Heparin (Prophylaxis), %	12	7	0.483
Anticoagulation, %	6	13	0.232
- Heparin (Therapeutic), %	2	7	0.194
- Warfarin, %	3	0	0.516
- DOAC, %	1	7	0.085
Length of Stay, days, median (IQR)	11.0 (5.0, 20.0)	16.0 (7.0, 28.5)	0.448
Inpatient Death, %	28	47	0.125
Discharge to Hospice, %	7	13	0.323
30-Day Readmission, %	26	7	0.098
30-Day Mortality, %	33	47	0.266

*Normal R-value ≤ 10 min; prolonged R-value > 10 min. ACLF = acute-on-chronic liver failure; CCI = Charlson Comorbidity Index; DOAC = direct oral anti-coagulant; DVT = deep vein thrombosis; HCV = hepatitis C virus; ICU = intensive care unit; INR = international normalized ratio; IQR = interquartile range; MELD = Model for end-stage liver disease; Na = sodium; NASH = nonalcoholic steatohepatitis; PVT = portal vein thrombosis; SD = standard deviation; TEG = thromboelastography; WBC = White blood cell count

Supplementary Table 2 Measures of Hemostasis in Patients Without Transfusions

	No Bleeding (N = 116)	Bleeding (N = 116)	P Value	No Infection (N = 132)	Infection (N = 100)	P Value
R-value	4.8 (4.1, 5.7)	4.2 (3.6, 5.3)	0.013	4.3 (3.6, 5.3)	4.8 (4.1, 5.8)	0.017
K-value	2.2 (1.5, 3.8)	1.9 (1.4, 2.8)	0.03	2.0 (1.4, 3.0)	2.0 (1.6, 3.0)	0.906
Alpha angle	63.2 (52.4, 69.7)	66.5 (60.9, 71.8)	0.006	65.2 (56.2, 71.4)	65.5 (55.6, 69.5)	0.707
MA	44.8 (35.7, 54.5)	51.2 (44.7, 58.2)	0.004	48.8 (40.0, 56.8)	49.0 (41.7, 56.0)	0.876
LY30	0.0 (0.0, 0.9)	0.0 (0.0, 0.6)	0.962	0.0 (0.0, 0.8)	0.0 (0.0, 0.4)	0.345
INR	2.5 (1.2)	2.1 (0.9)	0.003	2.1 (1.0)	2.6 (1.1)	0.002
Platelets	101.5 (74.7)	96.2 (67.7)	0.573	97.0 (71.5)	101.2 (71.0)	0.665
Fibrinogen	131.5 (92.9)	154.9 (76.4)	0.209	145.9 (87.3)	145.1 (79.6)	0.966

INR = international normalized ratio; LY30 = clot lysis at 30 min; MA = maximum amplitude.