

Table S1. Association of living donor age with unadjusted recipient and graft survival for living donor liver transplantations performed between 2005-2019 (N = 3553).

	Patient survival		Graft survival	
	Unadjusted HR (95% CI)	<i>P</i>	Unadjusted HR (95% CI)	<i>P</i>
Living donor age, per 10-year increase	1.16 (1.08-1.25)	<0.001	1.18 (1.11-1.26)	<0.001
Living donor age		0.004		<0.001
18-29	Reference		Reference	
30-39	1.25 (1.01-1.54)		1.31 (1.09-1.57)	
40-49	1.33 (1.07-1.66)		1.36 (1.13-1.63)	
≥50	1.55 (1.21-1.98)		1.64 (1.33- 2.01)	

CI, confidence interval; HR, hazard ratio.

Table S2. Postoperative laboratory values by living donor age category.^a

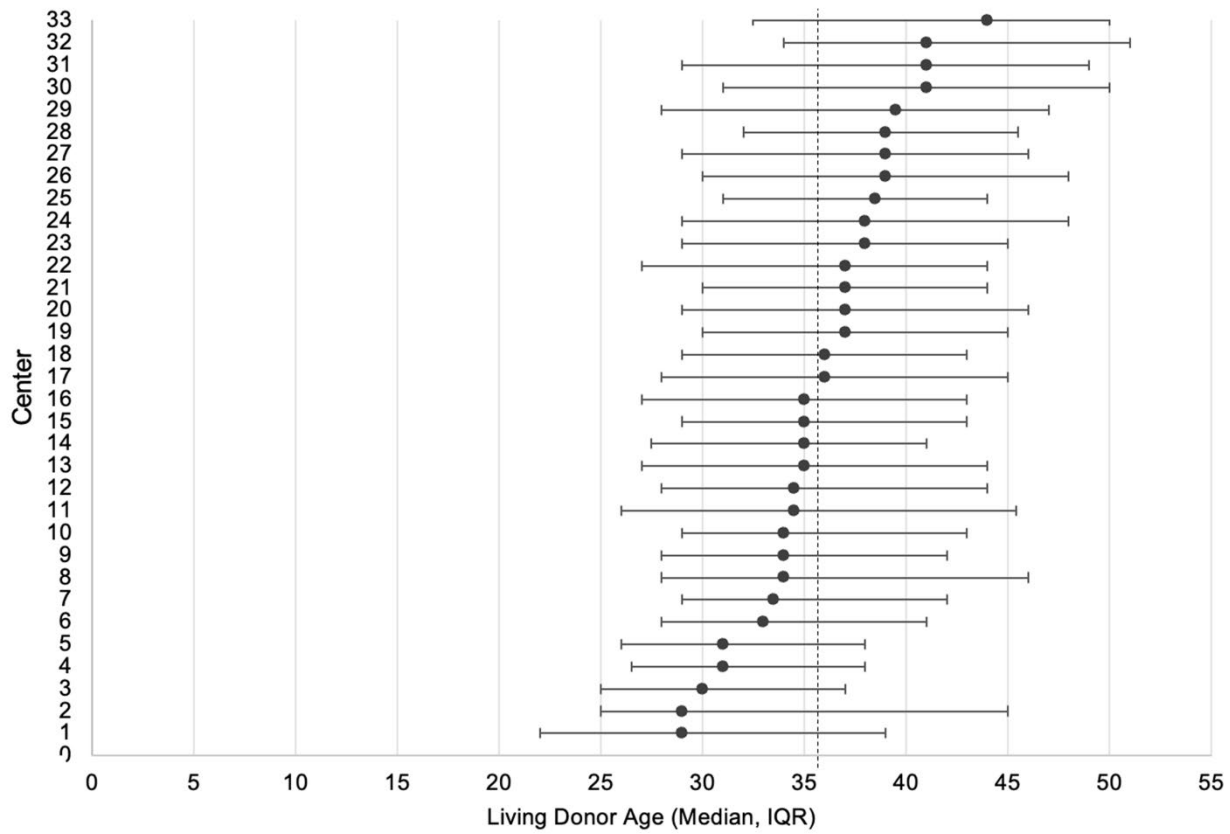
	Donor age <50	Donor age 50-55	Donor age >55	P
	median (IQR)	median (IQR)	median (IQR)	
6 months postdonation	N = 3021	N = 420	N = 98	
ALT, U/L	23 (17-32)	26 (19-35)	24.5 (19-35)	<0.001
AST, U/L	24 (20-30)	27 (22-34)	27 (22-33)	<0.001
Alkaline phosphatase, U/L	77 (62-96)	90 (73-115)	91 (76-113)	<0.001
Total bilirubin, mg/dL	0.6 (0.4-0.8)	0.6 (0.4-0.8)	0.5 (0.5-0.8)	0.652
Creatinine, mg/dL	0.8 (0.7-0.97)	0.82 (0.7-1.0)	0.87 (0.75-1.0)	0.071
INR	1 (1.0-1.1)	1 (1.0-1.1)	1 (0.9-1.0)	<0.001
Albumin, g/dL	4.2 (3.9-4.4)	4.1 (3.9-4.3)	4.1 (3.9-4.3)	0.003
Platelets, 1000/mL	210 (172-247)	208 (172-247)	189 (156-217)	0.043
1 year postdonation	N = 2718	N = 377	N = 89	
ALT, U/L	20 (16-28)	23 (18-30.5)	23 (16-31)	<0.001
AST, U/L	22 (18-28)	24 (20-30)	24 (19.5-30)	<0.001
Alkaline phosphatase, U/L	68 (56-82)	79 (63-96)	79 (66.5-94)	<0.001
Total bilirubin, mg/dL	0.6 (0.4-0.9)	0.6 (0.5-0.8)	0.6 (0.4-0.8)	0.459
Creatinine, mg/dL	0.82 (0.7-1.0)	0.86 (0.7-1)	0.86 (0.73-1.0)	0.3648

INR	1 (1.0-1.1)	1 (1.0-1.0)	1 (0.9-1.0)	<0.001
Albumin, g/dL	4.3 (4.0-4.5)	4.2 (4.0-4.4)	4.1 (3.9-4.4)	0.002
Platelets, 1000/mL	209 (171-246)	205 (169-247)	191 (161-229)	0.100
2 years postdonation	N = 1746	N = 225	N = 69	
ALT, U/L	19 (15-27)	21 (16-27)	22 (17-28)	0.034
AST, U/L	21 (17-25)	22 (19-27)	23 (20-28)	<0.001
Alkaline phosphatase, U/L	66 (53-80)	74 (61-90)	82 (66-92)	<0.001
Total bilirubin, mg/dL	0.6 (0.4-0.8)	0.6 (0.5-0.8)	0.5 (0.4-0.8)	0.524
Creatinine, mg/dL	0.82 (0.71-0.98)	0.84 (0.7-1)	0.885 (0.79-0.96)	0.488
INR	1 (1.0-1.1)	1 (1.0-1.0)	1 (0.9-1.0)	0.016
Albumin, g/dL	4.3 (4.1-4.5)	4.3 (4.1-5.5)	4.3 (4.1-4.5)	0.344
Platelets, 1000/mL	211 (174-247)	201 (155-240)	192 (172-235)	0.349

^aRefer to supplemental figures for missingness of each variable.

ALT, alanine aminotransferase; AST, aspartate aminotransferase; INR, international normalized ratio; IQR, interquartile range.

Figure S1. Median donor age by center (N = 33 centers).

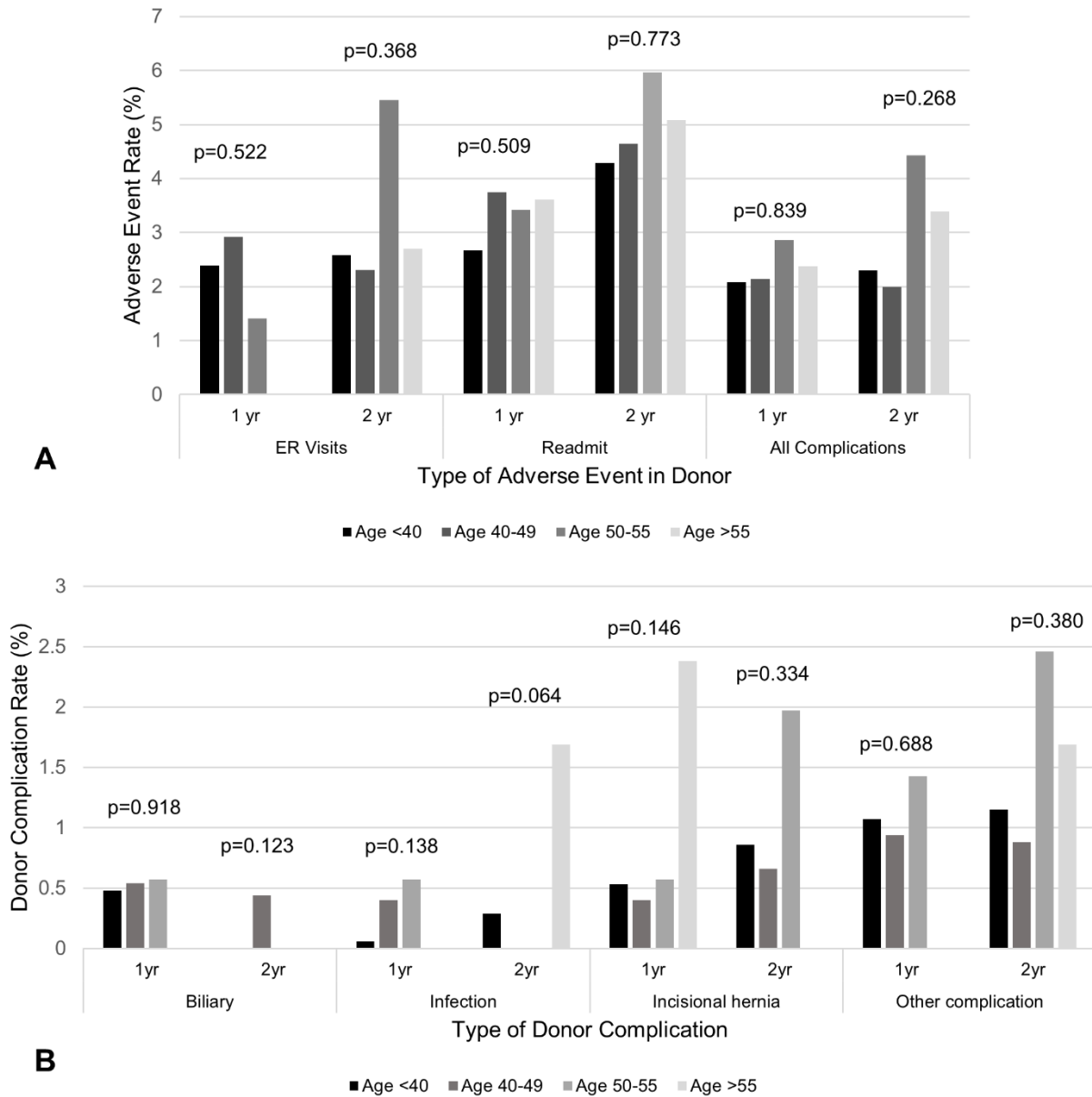


Note: Dashed line represents overall median donor age of study population (ie, 36 years);

centers ranked by increasing median donor age.

IQR, interquartile range.

Figure S2. Postoperative donor adverse events (A) and specific complications (B) at 1-year, and 2-year by age group.

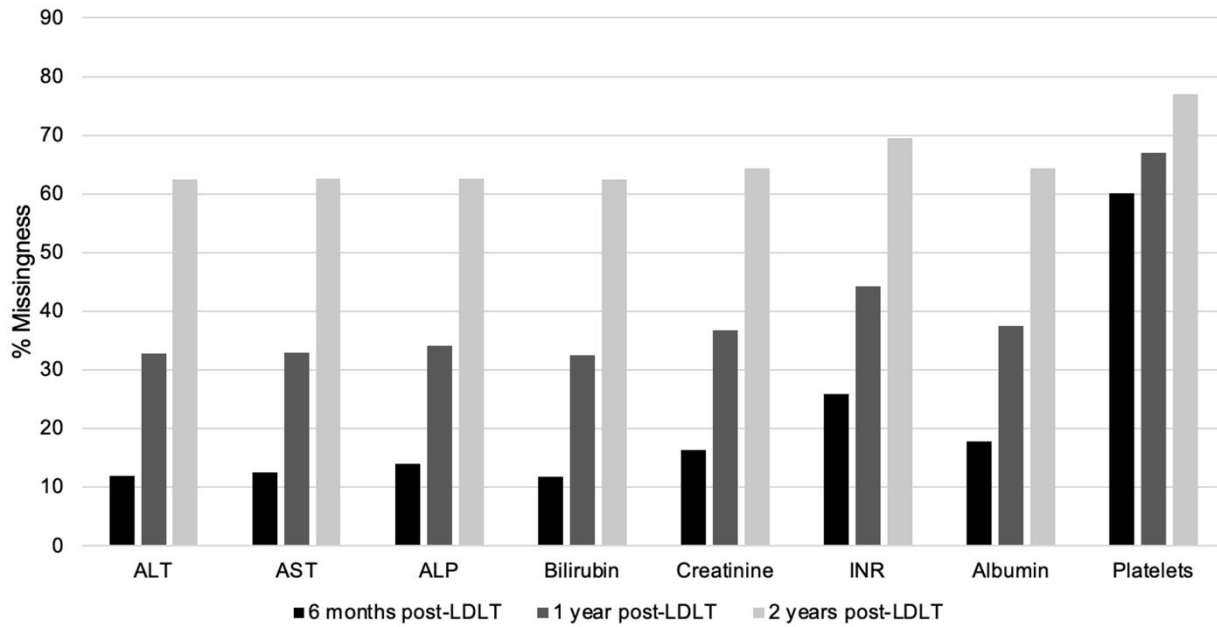


Note: Panel A missingness for ER visits 1 year 62.5 %, 2 year 71.0%; for readmissions 1 year 19.0%, 2 year 50.3%; for all complications 1 year 19.0 %, 2 year 50.4%.

Panel B missingness: 1 year 19.0%, 2 years 50.4%.

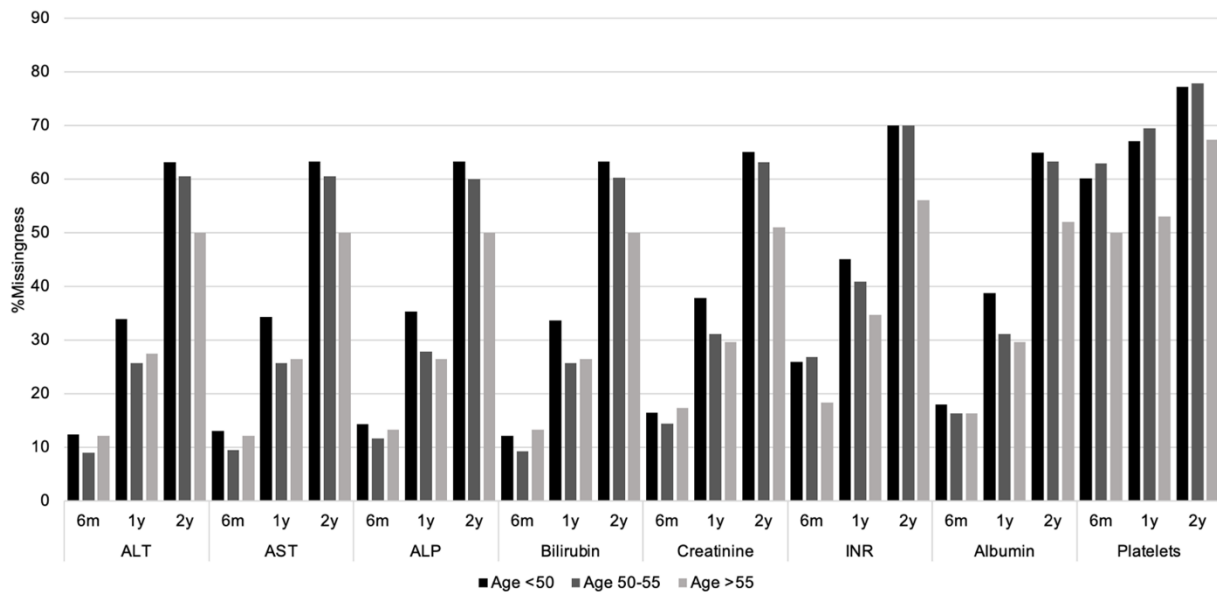
ER, emergency room.

Figure S3. Missingness for donor labs post-LDLT based on overall cohort.



ALP, alkaline phosphatase; ALT, alanine aminotransferase; AST, aspartate aminotransferase; INR, international normalized ratio; LDLT, living donor liver transplantation.

Figure S4. Missingness for donor labs at 6 months, 1 year, and 2 years post-LDLT, by donor age category.



ALP, alkaline phosphatase; ALT, alanine aminotransferase; AST, aspartate aminotransferase; INR, international normalized ratio; LDLT, living donor liver transplantation.