

Vancouver Forum	NYS Quality Improvement	A2ALL	Center A	Center B	Center C	Center D	Center E	Center F	Center G	Center H	Center I	Center J	Center K	Please indicate if your center includes each line item as part of its standard medical evaluation of potential living liver donors
			yes	yes	yes	if recipient has autoimmune disease	yes	yes	yes					ANA
			yes		yes	no	yes	yes	yes					
			if indicated		yes	no	yes	yes	yes					AIMA
									yes, quantitative immunoglobulins G A M					SMA
			if indicated		no	no	no	no						Other autoimmune markers: (list)
			yes	yes	yes	yes	yes	yes						Rheumatoid factor
						if recipient has A1AT		yes						Ceruloplasm
			yes	yes	yes	no		yes						Alpha1 antitripsin level
			yes	yes	yes	if recipient has A1AT	yes	no	only if abn or first degree relative					Alpha1 antitripsin phenotype
			yes	yes	no	yes	yes	no	yes					Iron
			yes	yes	no	yes	yes	yes	yes					Ferritin
			yes	yes	no	yes	yes	no	yes					TIBC
									no unless abnl iron profile, liver bx, or 1st degree relative of pt w/ hemochromatosis					
			if indicated		no	family hx	no	no	yes					Hemachromatosis gene test
			yes		no	yes	yes	no						Iron saturation
			yes		no	yes	no	no	yes					Homocystene
						transferrin, stool for occult blood, drug screen								
yes			yes		no				yes					Other: list
								Factor 5 & F2MA	yes					Coagulopathy workup yes/No
			immunoglobulin, C3 C4 Sickle Cell AA						Factor V Leiden, Prothrombin II gene mutation					Which tests: factor 5 liden, protein c, protein s
			all		no	yes	if indicated	all						Cancer markers:
			yes	yes 50+	yes	no		yes						CEA
			yes	yes 50+	yes	as per cancer society	yes	yes	older than 50					PSA
			yes	yes	yes	yes	yes	no	yes					hCG

Vancouver Forum	NYS Quality Improvement	A2ALL	Center A	Center B	Center C	Center D	Center E	Center F	Center G	Center H	Center I	Center J	Center K	Please indicate if your center includes each line item as part of its standard medical evaluation of potential living liver donors
			yes			yes females	if indicated	yes	yes	not part of evaluation, patient provides	yes		no	PAP
			yes	yes	yes	yes	yes	yes	yes	yes	yes		yes	CXR
			yes		yes	yes per cancer society	if indicated	yes	yes, female >/= 40	not part of evaluation, patient provides	yes		no	Mammogram
			yes		yes	yes per cancer society	if indicated	yes	yes, donor >/= 40	yes for smokers and smokinghx	yes		no	Colonoscopy
			case by case	case by case	case by case	smoker	case by case	always	donor w/ smoking hx, current smoker or w/ asthma	smokers and smokinghx	yes	Always ABG, PFT if smoker	no	PFT's(always, case by case, never)
			no		no		no	no	no				no	carotids
			if indicated		case by case		no	no					no	Cardiac Clearance:
			yes	yes	no	yes	yes	yes	exercise stress echo in donor >/= 50 or w/ fam hx of ischemic heart dz	yes	yes		yes	ETT
			yes		yes	yes	yes	yes	no - they should be healthy enough to exercise!	yes	yes		when appropriate	EKG
			no		case by case		case by case	yes		exercise stress echo for pts > 45			no	Echo
													no	Dobut echo
yes									almost never - only if additional imaging of anatomy needed based on CT					Abdominal imaging
case by case			BMI>30 or Hyperlipid		no	always	case by case	always					always	Sonogram (always, bmi>30, never)
case by case			always	yes	yes	never always with Cicholangiogram only for allagilles	never	always	no CT angio/CT cholangio + CT of pelvis in female donors	yes, rare		always	always	MR Angiogram(always, bmi>30, never)
case by case			no	yes	no	no	always	no					no	Spiral CT (always, bmi>30, never)
case by case			no		no	no	never	always					no	ERCP(always, bmi>30, never)

Vancouver Forum	NYS Quality Improvement	A2ALL	Center A	Center B	Center C	Center D	Center E	Center F	Center G	Center H	Center I	Center J	Center K	Please indicate if your center includes each line item as part of its standard medical evaluation of potential living liver donors
case by case			no	yes, case by case	always		never	always		CT angiogram always	yes	always	no	Angiogram(always, bmi>30, never)
case by case;fat,abnlif t;imaging yes	case by case yes		BMI>30 or Hyperlipid yes	yes, not for peds donor yes, case by case	always yes	as needed yes	bmi>30 yes	always yes	no (only w/ initial 25 cases) yes	individual decision, most common reason is BMI >30 or elevated lipids yes	yes	*if indicated by MRI/US, if there are other risk factors, or if BMI>30 yes	when appropriate	Liver Biopsy(always, bmi>30, never)
yes	yes		yes	yes, case by case	yes	as needed yes	yes	yes	yes		yes	yes	yes	Social Work
			yes		yes	as needed yes	yes	yes	medical donor advocate is gastroenterologist yes		yes	yes	yes	Psychiatry
	yes		yes	yes	yes	as needed yes	yes	yes	medical donor advocate is gastroenterologist yes		yes	yes	no	Hepatologist
	yes		yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	RN Coordinator
			yes	yes	no	yes	no	no	medical donor advocate is gastroenterologist yes		yes	yes	yes	Surgeon
	if indicated		if indicated		if indicated	as needed	no	no	Ethics consult called for specific cases		yes	if recommended by pscyhiatry or social worker	no	Internist
									Per recommendation of medical donor advocate based on physical exam/med hx (ie: ID consult, EGD, etc)					Ethnicist
			yes	yes	yes	yes	yes	yes		yes	yes	yes	yes	Additional Testing
legal consent 60	18 55		21 60	yes	21 70	18 55	18 55	18 <18 70 >60		yes	yes	yes	18 55	Contraindications: Unwillingness
	yes		yes	yes	yes	yes	yes	yes		yes	yes	yes	yes	Age lower limit
	yes		yes	yes	yes	yes	yes	yes		yes	yes	yes	yes	Age upper limit
										yes	yes	yes	yes	Clinically significant liver Disease
										yes	yes	yes	yes	Clinically significant cardiac Disease
										yes	yes	yes	yes	Asymptomatic ZZ
yes			yes	yes	yes	yes	yes	yes		yes	yes	yes	yes	Alpha 1antitripsin genotype
			yes	yes	yes	yes	yes	yes		yes	yes	yes	yes	HIV

Vancouver Forum	A2ALL	Center A	Center B	Center C	Center D	Center E	Center F	Center G	Center H	Center I	Center J	Center K	Please indicate if your center includes each line item as part of its standard medical evaluation of potential living liver donors
yes		yes	yes	yes	yes	yes	yes	relative - need PCR by RNA to be neg at least 6 months		yes			HCV ab
yes		yes	yes	yes	yes	yes	no	yes	yes	yes			HBSAG
		yes	yes	yes	yes	yes	yes	yes	yes	yes			Active TB or untreated infection
		yes	yes	yes	yes	yes	yes	yes	yes	yes			Pregnancy
yes		yes	yes	yes	yes	yes	yes	yes	yes	yes			Active psychiatric disorder
yes		yes	yes	yes	yes	yes	yes	yes	yes	yes			Bleeding or clotting disorder
								yes	yes	yes			DVT/PE
								yes: unclear what definition of "unfavorable" is for UNOS purposes depends on individual patient, but in general, yes relative - we have used a couple of donors with BMI > 35 (very muscular males)					
			yes case by case	yes	yes	yes	yes	yes	yes	yes			Unfavorable anatomy
													hx of multiple or complex upper abdom. operations
yes		yes	yes	yes	yes	yes	yes	yes	yes	yes			Obesity (BMI>35)
yes		yes	yes	>30		yes	yes	yes - leave donor remnant of at least 30%		yes	contraindicated if calculated liver volume <0.8%		Liver volume > 0.8%
								yes -to date have only considered donors w/ basal cell CA, not squamous cell CA					Malignancy other than non melanoma skin cancer
yes	yes	yes	yes	yes	yes	yes	yes	yes 20% is our limit, but we have not used a donor w/ > 15% macrosteatosis	yes	yes			Active drug or alcohol abuse
yes		yes	yes	yes	yes	yes	yes	no, but we recommend smoking cessation		yes			> 20%macrovesicular steatosis
		yes		yes	yes	no	no			yes	only if current smoker		Smoking

Vancouver Forum	NYS Quality Improvement	A2ALL	Center A	Center B	Center C	Center D	Center E	Center F	Center G	Center H	Center I	Center J	Center K	Please indicate if your center includes each line item as part of its standard medical evaluation of potential living liver donors
									no, but request barrier method of birth control for the first 3 months post donation and then decide case by case					
yes	yes	yes	yes	yes case by case	yes	yes stop for 6 wks	no	no	yes	yes	yes	yes	no	Oral contraception
uncommon	yes	yes	yes	yes case	yes	no	yes	yes	yes	yes	yes	yes	no	Altruistic donors
yes	yes	yes	yes	yes	no	yes	yes	yes	yes if bx shows pathologic liver histology. Pt w/ nonsignificant abnl bx have been used (ie - bile duct hamartoma)	yes	yes	yes	yes	Evidence of coercion
portal fibrosis,nash, portal inflammation				yes	yes	yes	yes	yes	hamartoma)	yes	yes	yes	yes	Abnormal biopsy
	lifetime	yes	6.weeks		as needed	yes	q wk X 2	1 mo					4 wks post op	Followup
									1 wk post hosp d/c - appt and labs (CBC, metab profile, liver profile,PT/PTT					
		yes	3mos				1 month	3 mos						
			6mos				as needed	6 mos	1 mo post donation - appt, labs, u/s				12-16 wks post op	
yes		yes	1year					1 yr	3 mo post donation - appt, labs, u/s				prn if in A2ALL study, then per study	
		yes	2year					2 yr	1 yr post donation - appt, labs, volume CT					
									2 yr post donation - If local -> appt/liver profile; if out of town -> telephone contact and liver profile done locally					
		yes	3year					3 yr	annual telephone contact thereafter					
		yes	4year					4 yr						
		yes	5year					5 yr						
	yes		yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	Recipient Criteria
	yes		yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	Listed with UNOS
									yes	yes	yes	yes	yes	Same as Deceased donor

Vancouver Forum	NYS Quality Improvement	A2ALL	Center A	Center B	Center C	Center D	Center E	Center F	Center G	Center H	Center I	Center J	Center K	Please indicate if your center includes each line item as part of its standard medical evaluation of potential living liver donors
no	no		case by case	yes		yes	no	yes	yes - have considered recipient w/ HCC outside Milan, but w/in UCSF. Have not transplanted one as yet.					Different for DD
	no			no	yes	yes	no	case by case	yes		yes		no	Fulminant Hepatic failure
	no			no	yes	yes	no	case by case	not to date		yes		no	Cholangiocarcinoma
no	no			no	no	no	case by case	no	calculated MELD > 15		yes		no	MELD >25
	no			yes	no	no	yes	no	yes, but within UCSF			patient specific	no	HCC Outside criteria
	no			no	yes	yes	no	no	no				no	HCV retransplant
	no			no	no	yes	case by case	case by case	yes				no	Acute ETOH hepatitis
	no			no	yes	yes	case by case	case by case	yes, if 2 separate live donors (kidney and liver)				no	Needs liver kidney
														On Dialysis
														Psychosocial evaluation required?