

Adult elective NHS Group 1 liver-only registrations in the UK, with 1 tumour and tumour size less than 2cm. Cohort: patients registered between 1 April 2011 and 31 March 2014.

RECIPIENT_ID	Data at Registration		Data at Transplantation									
	PRIMARY LIVER DISEASE	SECONDARY LIVER DISEASE	TERTIARY LIVER DISEASE	CHRONIC H HCC	MAX 1 VARIANT SYNDROME	ENCEPHALOPATHY GRADE	CURRENT ASCITES	UKELD REG				
	Hepatitis B cirrhosis	Hepatocellular carcinoma - cirrhotic	Not reported	Yes	Yes	1.9	Not reported	Not present	No	46		
	Hepatocellular carcinoma - cirrhotic	Alcoholic liver disease	Not reported	Yes	Yes	1.3	Not reported	Compromised. Altered mood/behaviour. Psychometric defects	No	50		
	Hepatitis C cirrhosis	Hepatocellular carcinoma - cirrhotic	Not reported	Not reported	Yes	1.1	Not reported	Not present	No	48		
	Alcoholic liver disease	Hepatocellular carcinoma - non-cirrho	Not reported	Yes	Yes	1.2	Not reported	Compromised. Altered mood/behaviour. Psychometric defects	Moderate	63		
	Alcoholic liver disease	Hepatocellular carcinoma - cirrhotic	Hepatitis C cirrhosis	Yes	Yes	0.3	Not reported	Not present	No	60		
	Alcoholic liver disease	Hepatocellular carcinoma - cirrhotic	Not reported	Yes	Yes	1.5	Not reported	Compromised. Altered mood/behaviour. Psychometric defects	Moderate	50		
	Alcoholic liver disease	Hepatocellular carcinoma - cirrhotic	Not reported	Not reported	Yes	1.3	Not reported	Not present	No	47		
	Hepatocellular carcinoma - cirrhotic	Hepatitis C cirrhosis	Alcoholic liver disease	Yes	Yes	1.7	Not reported	Compromised. Altered mood/behaviour. Psychometric defects	Mild	56		
	Hepatocellular carcinoma - cirrhotic	Alcoholic liver disease	Not reported	Yes	Yes	1.7	Not reported	Not present	Moderate	52		
	Hepatitis C cirrhosis	Hepatocellular carcinoma - cirrhotic	Not reported	Yes	Yes	1.8	Not reported	Compromised. Altered mood/behaviour. Psychometric defects	No	51		
	Hepatocellular carcinoma - cirrhotic	Alcoholic liver disease	Not reported	Yes	Yes	1.5	Not reported	Compromised. Altered mood/behaviour. Psychometric defects	Moderate	61		
	Hepatitis C cirrhosis	Hepatocellular carcinoma - cirrhotic	Not reported	Yes	Yes	1.8	Not reported	Not present	No	49		
	Hepatitis C cirrhosis	Hepatocellular carcinoma - cirrhotic	Alcoholic liver disease	Yes	Yes	1.4	Not reported	Not present	Mild	54		
	Alcoholic liver disease	Hepatocellular carcinoma - non-cirrho	Not reported	Yes	Yes	1.6	Not reported	Compromised. Altered mood/behaviour. Psychometric defects	No	54		
	Hepatitis C cirrhosis	Hepatocellular carcinoma - cirrhotic	Not reported	Yes	Yes	1.8	Not reported	Not present	Mild	54		
	Alcoholic liver disease	Hepatocellular carcinoma - cirrhotic	Not reported	Yes	Yes	1.4	Not reported	Not present	No	54		
	Hepatocellular carcinoma - cirrhotic	Hepatitis C cirrhosis	Alcoholic liver disease	Yes	Yes	1.8	Not reported	Not present	No	50		
	Alcoholic liver disease	Hepatitis C cirrhosis	Hepatocellular carcinoma	Yes	Yes	1.5	Not reported	Not present	No	43		
	Primary biliary cirrhosis	Hepatocellular carcinoma - cirrhotic	Not reported	Yes	Yes	0.8	Not reported	Not present	Moderate	50		
	Hepatocellular carcinoma - cirrhotic	Hepatitis C cirrhosis	Not reported	Yes	Yes	1.7	Not reported	Not present	No	46		
	Hepatitis B cirrhosis	Hepatocellular carcinoma - cirrhotic	Not reported	Yes	Yes	1.8	Not reported	Not present	No	48		
	Alcoholic liver disease	Hepatocellular carcinoma - cirrhotic	Not reported	Yes	Yes	1.8	Not reported	Not present	No	45		
	Hepatitis C cirrhosis	Alcoholic liver disease	Hepatocellular carcinoma	Yes	Yes	1.7	Not reported	Not present	No	50		
	Hepatocellular carcinoma - cirrhotic	Hepatitis C cirrhosis	Not reported	Not reported	Yes	1.7	Not reported	Not present	No	46		
	Hepatocellular carcinoma - cirrhotic	Not reported	Not reported	Yes	Yes	1.5	Not reported	Not present	No	48		
	Primary biliary cirrhosis	Hepatocellular carcinoma - cirrhotic	Not reported	Yes	Yes	1.1	Not reported	Drowsy. Inappropriate behaviour	Moderate	69		
	Alcoholic liver disease	Hepatocellular carcinoma - cirrhotic	Not reported	Yes	Yes	1.6	Not reported	Compromised. Altered mood/behaviour. Psychometric defects	Mild	60		
	Hepatitis B cirrhosis	Hereditary haemochromatosis	Hepatocellular carcinoma	Yes	Yes	1.5	Not reported	Not present	No	46		
	Hepatocellular carcinoma - cirrhotic	Alcoholic liver disease	Not reported	Yes	Yes	0.8	Not reported	Not present	No	53		
	Hepatitis C cirrhosis	Hepatocellular carcinoma - cirrhotic	Not reported	Yes	Yes	1.8	Not reported	Not present	No	48		
	Hepatocellular carcinoma - cirrhotic	Cryptogenic cirrhosis	Not reported	Yes	Yes	1.6	Not reported	Not present	No	54		
	Hepatocellular carcinoma - cirrhotic	Non-alcoholic fatty liver disease	Not reported	Yes	Yes	1.0	Not reported	Compromised. Altered mood/behaviour. Psychometric defects	No	51		
	Hepatocellular carcinoma - cirrhotic	Non-alcoholic fatty liver disease	Not reported	Yes	Yes	1.8	Not reported	Not present	No	55		
	Primary sclerosing cholangitis	Hepatocellular carcinoma - cirrhotic	Not reported	Yes	Yes	1.7	Not reported	Not present	No	48		
	Alcoholic liver disease	Hepatitis B cirrhosis	Hepatocellular carcinoma	Yes	Yes	1.0	Not reported	Not present	Moderate	51		
	Hepatitis C cirrhosis	Hepatocellular carcinoma - cirrhotic	Not reported	Yes	Yes	1.6	Not reported	Not present	No	48		
	Hepatocellular carcinoma - cirrhotic	Hepatitis C cirrhosis	Not reported	Yes	Yes	1.4	Not reported	Not present	No	48		
	Hepatitis C cirrhosis	Hepatocellular carcinoma - cirrhotic	Not reported	Yes	Yes	1.6	Not reported	Not present	Severe	59		
	Hepatocellular carcinoma - cirrhotic	Hepatitis C cirrhosis	Not reported	Not reported	Yes	1.4	Not reported	Not present	No	44		
	Hepatitis C cirrhosis	Hepatocellular carcinoma - cirrhotic	Not reported	Yes	Yes	1.4	Not reported	Not present	Mild	54		
	Hepatitis C cirrhosis	Hepatocellular carcinoma - cirrhotic	Not reported	Yes	Yes	1.8	Not reported	Not present	No	50		
	Hepatitis C cirrhosis	Hepatocellular carcinoma - cirrhotic	Not reported	Yes	Yes	1.8	Not reported	Not present	No	50		
	Hepatocellular carcinoma - cirrhotic	Hepatitis C cirrhosis	Not reported	Yes	Yes	1.6	Not reported	Not present	Mild	56		
	Hepatocellular carcinoma - cirrhotic	Not reported	Not reported	Yes	Yes	1.8	Not reported	Not present	No	49		
	Hepatocellular carcinoma - cirrhotic	Not reported	Not reported	Yes	Yes	1.3	Not reported	Compromised. Altered mood/behaviour. Psychometric defects	Moderate	54		
	Hepatocellular carcinoma - cirrhotic	Hepatitis C cirrhosis	Not reported	Yes	Yes	1.8	Not reported	Not present	Mild	50		
	Alcoholic liver disease	Hepatocellular carcinoma - cirrhotic	Not reported	Yes	Yes	1.8	Not reported	Not present	Mild	55		
	Hepatitis C cirrhosis	Hepatocellular carcinoma - cirrhotic	Not reported	Yes	Yes	1.2	Not reported	Not present	No	47		
	Hepatocellular carcinoma - non-cirrho	Alcoholic liver disease	Not reported	Yes	Yes	1.5	Not reported	Not present	No	47		
	Hepatocellular carcinoma - cirrhotic	Alcoholic liver disease	Not reported	Yes	Yes	1.8	Not reported	Compromised. Altered mood/behaviour. Psychometric defects	Moderate	55		
	Hepatocellular carcinoma - cirrhotic	Alcoholic liver disease	Not reported	Yes	Yes	1.8	Not reported	Compromised. Altered mood/behaviour. Psychometric defects	Moderate	55		
	Hepatocellular carcinoma - cirrhotic	Hepatitis C cirrhosis	Not reported	Yes	Yes	1.4	Not reported	Not present	No	48		
	Hepatitis C cirrhosis	Hepatocellular carcinoma - cirrhotic	Not reported	Yes	Yes	1.8	Not reported	Not present	Mild	48		
	Hepatocellular carcinoma - cirrhotic	Not reported	Not reported	Yes	Yes	1.6	Not reported	Not present	Mild	59		
	Alcoholic liver disease	Hepatocellular carcinoma - cirrhotic	Not reported	Yes	Yes	1.8	Not reported	Not present	Mild	57		
	Hepatocellular carcinoma - cirrhotic	Hepatitis C cirrhosis	Not reported	Yes	Yes	1.9	Not reported	Not present	No	47		
	Hepatocellular carcinoma - non-cirrho	Hepatitis C cirrhosis	Not reported	Yes	Yes	1.7	Not reported	Not present	Mild	56		
	Hepatocellular carcinoma - non-cirrho	Chylogen storage disease	Not reported	Not reported	Yes	1.0	Not reported	Not present	No	42		
	Hepatocellular carcinoma - non-cirrho	Not reported	Not reported	Yes	Yes	1.0	Not reported	Not present	Mild	53		
	Autoimmune chronic active liver disease	Hepatocellular carcinoma - cirrhotic	Not reported	Yes	Yes	1.6	Not reported	Not present	Moderate	63		
	Hepatitis C cirrhosis	Alcoholic liver disease	Hepatocellular carcinoma	Yes	Yes	1.0	Not reported	Compromised. Altered mood/behaviour. Psychometric defects	Moderate	56		
	Alcoholic liver disease	Hepatocellular carcinoma - cirrhotic	Not reported	Yes	Yes	1.5	Not reported	Not present	No	48		
	Hepatitis C cirrhosis	Hepatocellular carcinoma - cirrhotic	Not reported	Yes	Yes	1.7	Not reported	Not present	No	42		
	Hepatitis C cirrhosis	Hepatocellular carcinoma - cirrhotic	Not reported	Yes	Yes	1.4	Not reported	Not present	No	46		
	Hepatitis C cirrhosis	Hepatocellular carcinoma - cirrhotic	Not reported	Yes	Yes	1.7	Not reported	Not present	No	45		
	Alcoholic liver disease	Hepatocellular carcinoma - cirrhotic	Not reported	Yes	Yes	1.0	Not reported	Compromised. Altered mood/behaviour. Psychometric defects	Severe	55		
	Hepatitis C cirrhosis	Hepatocellular carcinoma - cirrhotic	Not reported	Yes	Yes	1.2	Not reported	Not present	No	46		
	Hepatitis C cirrhosis	Hepatocellular carcinoma - cirrhotic	Not reported	Yes	Yes	1.5	Not reported	Not present	No	48		
	Hepatitis C cirrhosis	Hepatocellular carcinoma - cirrhotic	Not reported	Yes	Yes	1.3	Not reported	Not present	No	50		
	Hepatitis C cirrhosis	Hepatocellular carcinoma - cirrhotic	Not reported	Yes	Yes	1.3	Not reported	Not present	No	49		
	Non-alcoholic fatty liver disease	Hepatocellular carcinoma - cirrhotic	Not reported	Yes	Yes	1.8	Not reported	Compromised. Altered mood/behaviour. Psychometric defects	Moderate	60		
	Hepatocellular carcinoma - cirrhotic	Hepatocellular carcinoma - cirrhotic	Not reported	Yes	Yes	1.6	Not reported	Compromised. Altered mood/behaviour. Psychometric defects	Moderate	60		
	Hepatitis C cirrhosis	Hepatocellular carcinoma - cirrhotic	Not reported	Yes	Yes	1.6	Not reported	Not present	No	47		
	Hepatocellular carcinoma - non-cirrho	Alcoholic liver disease	Not reported	Yes	Yes	1.4	Not reported	Not present	No	48		
	Non-alcoholic fatty liver disease	Not reported	Not reported	Yes	Yes	1.8	Not reported	Drowsy. Inappropriate behaviour	No	52		
	Hepatitis C cirrhosis	Hepatocellular carcinoma - cirrhotic	Not reported	Yes	Yes	0.4	Not reported	Not present	No	48		
	Hepatitis C cirrhosis	Hepatocellular carcinoma - cirrhotic	Not reported	Yes	Yes	1.6	Not reported	Not present	No	42		
	Hepatitis C cirrhosis	Hepatocellular carcinoma - cirrhotic	Not reported	Yes	Yes	1.8	Not reported	Not present	No	47		
	Hepatitis B cirrhosis	Hepatocellular carcinoma - cirrhotic	Not reported	Not reported	Yes	0.8	Not reported	Not present	No	46		
	Hepatocellular carcinoma - cirrhotic	Not reported	Not reported	Yes	Yes	1.8	Not reported	Not present	No	51		
	Hepatitis C cirrhosis	Hepatocellular carcinoma - cirrhotic	Not reported	Yes	Yes	1.8	Not reported	Not present	Mild	53		
	Alcoholic liver disease	Hepatocellular carcinoma - cirrhotic	Not reported	Yes	Yes	1.2	Not reported	Not present	Mild	48		
	Hepatitis C cirrhosis	Hepatocellular carcinoma - cirrhotic	Not reported	Yes	Yes	1.9	Not reported	Not present	Mild	53		
	Hereditary haemochromatosis	Hepatocellular carcinoma - cirrhotic	Not reported	Yes	Yes	1.3	Not reported	Not present	No	43		
	Hepatitis C cirrhosis	Hepatocellular carcinoma - cirrhotic	Not reported	Yes	Yes	1.7	Not reported	Not present	No	46		
	Cryptogenic cirrhosis	Hepatocellular carcinoma - cirrhotic	Not reported	Yes	Yes	1.1	Not reported	Not present	No	54		
	Alcoholic liver disease	Hepatocellular carcinoma - cirrhotic	Not reported	Yes	Yes	1.8	Not reported	Not present	No	46		
	Hepatitis C cirrhosis	Hepatitis B cirrhosis	Hepatocellular carcinoma	Yes	Yes	1.7	Not reported	Not present	Mild	51		
	Hepatocellular carcinoma - cirrhotic	Alcoholic liver disease	Not reported	Yes	Yes	1.0	Not reported	Not present	No	53		
	Hepatocellular carcinoma - cirrhotic	Non-alcoholic fatty liver disease	Not reported	Yes	Yes	1.7	Not reported	Compromised. Altered mood/behaviour. Psychometric defects	Mild	50		
	Hepatocellular carcinoma - cirrhotic	Hepatitis C cirrhosis	Alcoholic liver disease	Yes	Yes	1.6	Not reported	Not present	Mild	49		

PRIMARY LIVER DISEASE	SECONDARY LIVER DISEASE	TERTIARY LIVER DISEASE	ASCITIES	ENCEPHALOPATHY GRADE	UKELD TX	In HCC Analysis
Hepatitis C cirrhosis	Hepatocellular carcinoma - cirrhotic	Not reported	No	Not present	47	y
Alcoholic liver disease	Hepatocellular carcinoma - cirrhotic	Hepatitis C cirrhosis	Yes	Compromised. Altered mood/behaviour. Psychometric defects	67	
Hepatocellular carcinoma - cirrhotic	Alcoholic liver disease	Not reported	Yes	Compromised. Altered mood/behaviour. Psychometric defects	51	
Alcoholic liver disease	Hepatocellular carcinoma - cirrhotic	Not reported	No	Not present	47	y
Alcoholic liver disease	Hepatitis C cirrhosis	Hepatocellular carcinoma - cirrhotic	No	Not present	56	y
Alcoholic liver disease	Hepatocellular carcinoma - cirrhotic	Not reported	Yes	Not present	58	
Alcoholic liver disease	Hepatitis C cirrhosis	Hepatocellular carcinoma - cirrhotic	No	Compromised. Altered mood/behaviour. Psychometric defects	49	
Hepatocellular carcinoma - cirrhotic	Alcoholic liver disease	Hepatitis C cirrhosis	Yes	Not present	53	
Alcoholic liver disease	Hepatocellular carcinoma - cirrhotic	Not reported	No	Compromised. Altered mood/behaviour. Psychometric defects	59	
Hepatocellular carcinoma - cirrhotic	Hepatitis C cirrhosis	Not reported	Yes	Not present	52	
Alcoholic liver disease	Hepatocellular carcinoma - cirrhotic	Not reported	No	Not present	52	
Hepatitis C cirrhosis	Alcoholic liver disease	Hepatocellular carcinoma - cirrhotic	No	Not present	53	y
Primary biliary cirrhosis	Hepatocellular carcinoma - cirrhotic	Not reported	No	Not present	54	
Hepatocellular carcinoma - cirrhotic	Hepatitis C cirrhosis	Not reported	No	Not present	50	y
Hepatitis B cirrhosis	Hepatocellular carcinoma - cirrhotic	Not reported	No	Not present	48	y
Alcoholic liver disease	Hepatocellular carcinoma - cirrhotic	Not reported	Yes	Not present	47	y
Hepatitis C cirrhosis	Alcoholic liver disease	Hepatocellular carcinoma - cirrhotic	No	Not present	49	
Hepatitis C cirrhosis	Hepatocellular carcinoma - cirrhotic	Not reported	No	Not present	46	y
						y
Alcoholic liver disease	Hepatocellular carcinoma - cirrhotic	Not reported	No	Not present	59	
						y
Hepatocellular carcinoma - cirrhotic	Alcoholic liver disease	Not reported	Yes	Compromised. Altered mood/behaviour. Psychometric defects	54	
Hepatitis C cirrhosis	Hepatocellular carcinoma - cirrhotic	Not reported	No	Not present	50	y
Alcoholic liver disease	Hepatocellular carcinoma - cirrhotic	Not reported	No	Not present	56	
Non-alcoholic fatty liver disease	Hepatocellular carcinoma - cirrhotic	Not reported	No	Not present	49	
Primary sclerosing cholangitis	Autoimmune chronic active liver disease	Hepatocellular carcinoma - cirrhotic	No	Not present	47	y
Alcoholic liver disease	Hepatitis B cirrhosis	Not reported	Yes	Compromised. Altered mood/behaviour. Psychometric defects	57	
Hepatitis C cirrhosis	Hepatocellular carcinoma - cirrhotic	Not reported	No	Not present	45	y
Hepatocellular carcinoma - cirrhotic	Hepatitis C cirrhosis	Not reported	No	Not present	47	y
Hepatocellular carcinoma - cirrhotic	Hepatitis C cirrhosis	Alpha-1-antitrypsin deficiency	Yes	Not present	56	
Hepatitis C cirrhosis	Hepatocellular carcinoma - cirrhotic	Not reported	No	Not present	46	y
Hepatitis C cirrhosis	Not reported	Not reported	Yes	Compromised. Altered mood/behaviour. Psychometric defects	54	
Primary non-function	Not reported	Not reported	No	Coma. Cannot be aroused	59	
Hepatitis C cirrhosis	Hepatocellular carcinoma - cirrhotic	Not reported	No	Not present	50	
Hepatocellular carcinoma - cirrhotic	Hepatitis C cirrhosis	Not reported	Yes	Not present	69	
Hepatocellular carcinoma - cirrhotic	Not reported	Not reported	No	Not present	49	y
Alcoholic liver disease	Hepatocellular carcinoma - cirrhotic	Not reported	Yes	Drowsy. Inappropriate behaviour	51	
Hepatocellular carcinoma - cirrhotic	Hepatitis C cirrhosis	Not reported	No	Not present	49	
Alcoholic liver disease	Hepatocellular carcinoma - cirrhotic	Not reported	Yes	Compromised. Altered mood/behaviour. Psychometric defects	59	
						y
Hepatocellular carcinoma - non-cirrhotic	Not reported	Not reported	No	Not present	45	y
Alcoholic liver disease	Not reported	Not reported	No	Not present	53	
Primary non-function	Not reported	Not reported	No	Not reported	54	
						y
Hepatitis C cirrhosis	Hepatocellular carcinoma - cirrhotic	Not reported	No	Not present	56	y
Alcoholic liver disease	Hepatocellular carcinoma - cirrhotic	Not reported	Yes	Not present	57	
Alcoholic liver disease	Hepatocellular carcinoma - cirrhotic	Not reported	Yes	Compromised. Altered mood/behaviour. Psychometric defects	57	
						y
						y
Hepatocellular carcinoma - cirrhotic	Alcoholic liver disease	Not reported	No	Not present	56	
Hepatocellular carcinoma - cirrhotic	Autoimmune chronic active liver disease	Not reported	Yes	Not present	63	
Hepatitis C cirrhosis	Hepatocellular carcinoma - cirrhotic	Not reported	Yes	Not present	57	
						y
Hepatitis C cirrhosis	Hepatocellular carcinoma - cirrhotic	Not reported	No	Not present	46	y
Hepatitis C cirrhosis	Hepatocellular carcinoma - cirrhotic	Not reported	Yes	Not present	54	y
Hepatocellular carcinoma - cirrhotic	Hepatitis C cirrhosis	Not reported	No	Not present	46	y
						y
Hepatitis C cirrhosis	Hepatocellular carcinoma - cirrhotic	Not reported	No	Not present	46	y
Hepatocellular carcinoma - cirrhotic	Hepatitis C cirrhosis	Not reported	Yes	Not present	49	
Biliary complications	Not reported	Not reported	No	Not present	63	
						y
Hepatocellular carcinoma - cirrhotic	Not reported	Not reported	Yes	Not present	45	y
Hepatocellular carcinoma - cirrhotic	Non-alcoholic fatty liver disease	Not reported	Yes	Compromised. Altered mood/behaviour. Psychometric defects	54	
Hepatitis C cirrhosis	Hepatocellular carcinoma - cirrhotic	Not reported	No	Not present	51	y
						y
						y
						y
						y
						y
Hereditary haemochromatosis	Hepatocellular carcinoma - cirrhotic	Not reported	No	Not present	48	y
						y
						y