

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.

Data at Registration		Data at Transplantation							
RECIPIENT_ID	PRIMARY LIVER DISEASE	SECONDARY LIVER DISEASE	TERTIARY LIVER DISEASE	CHRONIC 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	56
	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	49
	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
	Hepatitis C cirrhosis	Hepatocellular carcinoma - cirrhotic	Not reported	Yes	Yes	1.8 Not reported	Not present	Mild	56
	Hepatocellular carcinoma - cirrhotic	Hepatitis C cirrhosis	Not reported	Yes	Yes	1.6 Not reported	Not present	No	49
	Hepatocellular carcinoma - cirrhotic	Not reported	Not reported	Yes	Yes	1.8 Not reported	Not present	No	47
	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	46
	Hepatocellular carcinoma - non-cirrho	Glycogen 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	50
	Non-alcoholic fatty liver disease	Hepatocellular carcinoma - cirrhotic	Not reported	Yes	Yes	1.8 Not reported	Compromised. Altered mood/behaviour. Psychometric defects	Moderate	49
	Hepatocellular carcinoma - cirrhotic	Hepatocellular carcinoma - cirrhotic	Alcoholic liver disease	Yes	Yes	1.6 Not reported	Compromised. Altered mood/behaviour. Psychometric defects	Moderate	66
	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	
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	
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
Alcoholic liver disease	Hepatocellular carcinoma - cirrhotic	Not reported	No	Not present	59	
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	
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	
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	
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	
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
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	
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
Hereditary haemochromatosis	Hepatocellular carcinoma - cirrhotic	Not reported	No	Not present	48	y