Data Mapping Guide Hep B Screening and Management

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This guide provides detailed information on the mapping used for the Hepatitis B Screening and Management module in CAT4. The general mapping information for MD3, BP and Zedmed have been updated where relevant, but as there are some fields mapped specifically for this module we recommend using this guide as a reference.

Diagnoses	Medical Director	Best Practice	Zedmed
Hepatitis A	Hepatitis A	Hepatitis A	Hepatitis A
	Hepatitis A infection	Hepatitis A infection	
	Infection - Hepatitis A		
Hepatitis B	Hepatitis B	Hepatitis B	Hepatitis B
	Hepatitis B infection	Hepatitis B infection	
	Infection - Hepatitis B	Carrier, Hepatitis B	
	Carrier - Hepatitis B	Hepatitis B carrier	
	Hepatitis B carrier		
Hepatitis C	Hepatitis C	Hepatitis C	Hepatitis C
	Hepatitis C infection	Hepatitis C infection	
	Infection - Hepatitis C	Carrier, Hepatitis C	
	Carrier - Hepatitis C	Hepatitis C carrier	
	Hepatitis C carrier		
Hepatitis D	Delta particle hepatitis	Delta particle hepatitis	Hepatitis D
	Hepatitis D	Hepatitis D	
	Hepatitis D infection	Hepatitis D infection	
	Infection - Hepatitis D	Hepatitis D carrier	
	Carrier - Hepatitis D		
	Delta antigen carrier		
	Hepatitis D carrier		
Liver Disease	Abnormal hepatic function	Abnormal hepatic function	Abnormal;liver function test
	Abscess - Liver	Abscess, hepatic	Abscess;liver
	Adenoma - Liver	Adenoma of liver	Adenoma;hepatic
	Albumin low	Alcohol induced hepatitis	Ascites
	Alcohol induced hepatitis	Alcoholic encephalopathy	Carcinoma;liver
	Alcoholic encephalopathy	Alcoholic fatty liver disease	Cirrhosis;biliary;primary
	Alcoholic Hepatitis	Alcoholic hepatitis	Coma;hepatic
	Ascites	Alcoholic liver disease	Cyst;benign;liver
	Autoimmune Hepatitis	Alcoholic Steatohepatitis	Disease;liver
	Carcinoma - Liver	Ascites	Dysfunction;liver
	Carcinoma - Liver - fibrolamellar	Autoimmune Hepatitis	Encephalopathy;Wernickes
	Cholestasis - Intrahepatic	Benign liver tumour	Enlarged;liver
	Chronic Active Hepatitis	Bilirubin encephalopathy	Enlarged;spleen
	Cirrhosis with acute renal failure	Calcified liver metastases	Failure;hepatic
	Cyst - Liver	Cancer of the liver	Fatty liver
	Drug induced Hepatitis	Carcinoma - Liver - fibrolamellar	Fibrosis;hepatic
	Encephalopathy - hepatic	Carcinoma of the liver	Haemangioma;liver

Encephalopathy - Wernicke's
Encephalopathy Liver Failure
Enlarged liver
Enlarged spleen
Failure - liver
Fatty liver
Granuloma - liver
Hepatic abscess
Hepatic cyst
Hepatic failure
Hepatic Pre-coma
Hepatic Steatosis
Hepatic transplant
Hepatitis
Hepatitis - Alcoholic
Hepatitis - Chronic Active
Hepatitis - Collagen Disease
Hepatitis - Connective Tissue Disease
Hepatitis - Drug Induced
Hepatitis - Infectious
Hepatitis - Non Alcoholic Steato
Hepatitis E
Hepatitis E infection
Hepatocellular carcinoma
Hepatocellular jaundice
Hepatoma
Hepatomegaly
Hepatorenal syndrome
Hypertension - Portal
Hypoalbuminaemia
Hypoproteinaemia
Idiopathic Hepatitis
Impairment - hepatic
Infection - Hepatitis
Infection - Hepatitis E
Intrahepatic cholestasis
Jaundice
Jaundice - hepatitis
Jaundice - prehepatic
Kernicterus
Liver abscess
Liver abscess drainage
Liver cyst
Liver enlargement
Liver Failure

Cavernous haemangioma of liver
Cerebrohepatorenal syndrome
Cholestasis, intrahepatic
Chronic Active Hepatitis
Coma, hepatic
Cyst, hepatic
Drainage of liver abscess
Drug induced hepatitis
Encephalopathy, hepatic
Encephalopathy, Wernicke's
Enlarged liver
Enlarged spleen
Fascioliasis
Fatty liver
Fibrosis of liver
Granuloma, liver
Haemangioma of the liver
Hepatic abscess
Hepatic adenoma
Hepatic cancer
Hepatic coma
Hepatic cyst
Hepatic dysfunction
Hepatic encephalopathy
Hepatic failure
Hepatic fibrosis
Hepatic granuloma
Hepatic haemangioma
Hepatic impairment
Hepatic lesion
Hepatic mass
Hepatic metastases
Hepatic metastasis
Hepatic Pre-coma
Hepatic transplant
Hepatitis
Hepatitis E
Hepatitis E infection
Hepatitis, alcoholic
Hepatitis, autoimmune
Hepatitis, Chronic Active
Hepatitis, drug induced
Hepatitis, infectious
Hepatitis, viral
Hepatocellular carcinoma

Hepatitis
Hepatitis E
Hepatitis;acute
Hepatitis;alcoholic
Hepatitis;infectious
Hepatitis;viral
Hepatoma
Hepatomegaly
Hypertension;portal
Hypoproteinaemia
Jaundice
Jaundice;haemolytic
Jaundice;infectious
Lesion;liver
Neoplasm malig;liver
Rupture;liver
Splenomegaly
Transplant;liver
Varices;oesophageal

Liver Failure - Encephalopathy	Hepatocellular jaundice
Liver impairment	Hepatoma
Liver metastasis	Hepatomegaly
Liver transplant	Hepatorenal syndrome
Liver tumour	Hot liver lesion
Low albumin	Hypertension, portal
Malignant hepatoma	Hypoalbuminaemia
Metastasis - Liver	Hypoproteinaemia
NASH (Non Alcoholic Steato Hepatitis)	Idiopathic hepatitis
Neoplasm - Liver	Infectious hepatitis
Non alcoholic steatohepatitis	Intrahepatic cholestasis
Non specific hepatitis	Jaundice
Oesophageal varices	Jaundice, hepatocellular
Peritoneal fluid	Jaundice, prehepatic
Portal hypertension	Kernicterus
Prehepatic jaundice	Liver abscess
Renal failure due to cirrhosis	Liver abscess drainage
Sarcoma - liver	Liver adenoma
Splenomegaly	Liver calcifications
Surgery - Liver abscess drainage	Liver cancer
Surgery - Liver Transplant	Liver cyst
Transplant - liver	Liver dysfunction
Varices	Liver enlargement
Varices - Oesophageal	Liver failure
Wernicke's encephalopathy	Liver fibrosis
Yellow skin	Liver fluke disease
	Liver granuloma
	Liver haemangioendothelioma
	Liver impairment
	Liver lesion
	Liver mass
	Liver metastases
	Liver metastasis
	Liver metastasis
	Liver transplant
	Liver tumour
	Malignant hepatoma
	Metastases, hepatic
	Metastases, liver
	Metastasis, hepatic
	Metastasis, liver
	Neoplasm - Liver
	Non alcoholic fatty liver disease
	Non alcoholic steatohepatitis
	Non specific hepatitis

		Oesophageal varices Polycystic liver disease Portal hypertension Prehepatic jaundice Sarcoma - Liver Solitary echogenic liver mass Splenomegaly Transplant, liver Undifferentiated sarcoma of liver Varices, oesophageal Viral hepatitis Wernicke Korsakoff syndrome Wernicke's encephalopathy Zellweger syndrome	
Cirrhosis	Cirrhosis	Cirrhosis	Cirrhosis (of);liver
	Cirrhosis of the Liver	Hepatic cirrhosis	
	Hepatic Cirrhosis	Liver cirrhosis	
	Liver Cirrhosis		
Intravenous Drug Abuse	Intravenous drug abuse	Intravenous drug use	
	Intravenous drug(s) use	IV drug use	
	IV drug use		

Medication

Class (for Medical Director)	Antiviral agent - systemic
Generic Names (for Best Practice and Zedmed)	Lamivudine
	Telbivudine
	Entecavir
	Adefovir dipivoxil
	Tenofovir
	Tenofovir alafenamide
	Interferon alfa-2a
	Interferon alfa-2b
	Peginterferon alfa-2a

Immunisation

Medical Director	**Best Practice**	**Zedmed**
INFANRIX HEP B	INFANRIX-HEP B	INFANRIX-HEPB
INFANRIX HEXA	INFANRIX HEXA	INFANRIX HEXA

INFANRIX PENTA	INFANRIX PENTA	INFANRIX PENTA
COMVAX	COMVAX	COMVAX
ENGERIX B(ADULT)	ENGERIX-B ADULT	ENGERIX B (ADULT)
ENGERIX B(PAEDIATRIC)	ENGERIX B PAEDIATRIC	ENGERIX B (PAEDIATRIC)
H-B-VAX II(ADULT)	HBVAX II ADULT	H-B-VAX II (ADULT)
H-B-VAX II(PAEDIATRIC)	HBVAX II PAEDIATRIC	H-B-VAX II (PAEDIATRIC)
TWINRIX 720/20	TWINRIX (720/20)	TWINRIX
TWINRIX JUNIOR	TWINRIX JUNIOR (360/10)	TWINRIX JUNIOR
HEPATITIS B	HEPATITIS B	HEPATITIS B IMMUNOGLOBULIN

Imaging

MD3	BP	Zedmed
U/S Upper Abdo	Upper Abdominal Ultrasound	U/S Abdo
U/S Abdomen	Liver Ultrasound	U/S Abdominal
Abdo U/S	US Abdomen	Ultrasound Abdominal
Abdominal U/S	Ultrasound Liver	US Upper Abdo
Abdominal Ultrasound	Liver US	Upper Abdomen Ultrasound
Upper Abdo US	Abdominal	U/S Upper Abdominal
Abdo US	Abdo	Abdomen US
Abdomen Ultrasound	Abdo - liver	Liver U/S
Ultrasound Abdomen	Abdomen - liver	U/S Liver
US Abdo	US Liver	Abdominal - liver
	Upper Abdo U/S	

Country of Origin

Country of Origin (Medical Director only) – all countries in MD except the ones listed below		
Inadequately Described	Netherlands	Falkland Islands
At Sea	Switzerland	French Guiana
Not Stated	Denmark	Paraguay
Unknown	Faroe Islands	Uruguay
Unidentified	Finland	South America, nec
Adelie Land (France)	Greenland	Costa Rica
Argentinian Antarctic Territory	Iceland	El Salvador
British Antarctic Territory	Norway	Mexico
Chilean Antarctic Territory	Sweden	Nicaragua
Queen Maud Land (Norway)	Aland Islands	Anguilla
England	Andorra	Aruba

Isle of Man	Gibraltar	Bahamas
Northern Ireland	Holy See	Barbados
Scotland	San Marino	Cayman Islands
Wales	Cyprus	Cuba
Guernsey	Moldova	Guadeloupe
Jersey	Montenegro	Martinique
Ireland	Kosovo	Montserrat
Austria	Hungary	Virgin Islands, British
Belgium	Sri Lanka	Virgin Islands, United States
France	Bermuda	St Barthelemy
Germany	Canada	St Martin (French part)
Liechtenstein	St Pierre and Miquelon	Bonaire, Sint Eustatius and Saba
Luxembourg	United States of America	Curacao
Monaco	Chile	Sint Maarten (Dutch part)

Ethnicity

Best Practice Ethnicity – all Ethnicity except the ones listed below		
African American	Finnish	Montenegrin
American	Flemish	Nicaraguan
Austrian	French	North American Indian
Barbadian	French Canadian	Norwegian
Belgian	Frisian	Paraguayan
Bermudan	German	Salvadoran
Burgher	Gibraltarian	Scottish
Canadian	Hawaiian	Sinhalese
Channel Islander	Hispanic	Sorb/Wend
Chilean	Hungarian	Swedish
Costa Rican	Icelandic	Swiss
Cuban	Irish	Tamil
Cypriot	Luxembourg	Uruguayan
Danish	Manx	Welsh
Dutch	Mexican	Sri Lankan
English	Moldovan	

Medical Director Ethnicity – all Ethnicity except the ones listed below		
Inadequately Described	Western European, nec	People of the Americas
Not Stated	Northern European	North American
Hawaiian	Danish	African American
North-West European	Finnish	American
British	Icelandic	Canadian

English	Norwegian	French Canadian
Scottish	Swedish	Hispanic (North American)
Welsh	Northern European, nec	Native North American Indian
Channel Islander	Southern and Eastern European	Bermudan
Manx	Southern European	North American, nec
British, nec	Gibraltarian	South American
Irish	Southern European, nec	Chilean
Irish	South Eastern European	Uruguayan
Western European	Moldovan	Paraguayan
Austrian	Montenegrin	South American, nec
Dutch	Cypriot	Central American
Flemish	South Eastern European, nec	Mexican
French	Hungarian	Nicaraguan
German	Sorb/Wend	Salvadoran
Swiss	Burgher	Costa Rican
Belgian	Sinhalese	Central American, nec
Frisian	Sri Lankan	Cuban
Luxembourg	Sri Lankan Tamil	Barbadian

Pathology Tests – Test Names

Test Names	Serological tests (for Screening)	Management Item
HEP B IMMUNE STATUS/	Anti-HBs	-
HEP B IMMUNE STATUS/?PAST INFECT	Anti-HBs	-
Hepatitis B Surface Ab	Anti-HBs	-
Hepatitis B surface antibody	Anti-HBs	-
HEPATITIS ANTIBODY S	Anti-HBs	-
HEP A&B IMMUNE STATUS	Anti-HBs	-
HEP B IMMUNE STATUS	Anti-HBs	-
Hep.B Surface Ab	Anti-HBs	-
HEP B&C post VACC	Anti-HBs	-
HepB surface antibody	Anti-HBs	-
Anti-HBs	Anti-HBs	-
HEP B Surface Ab	Anti-HBs	-
HEPATITIS B (POST VACCINATION)	Anti-HBs	-
_HEP GLOBAL	Includes HBsAg, anti-HBs, and anti-HBc. May also include HBeAg and anti-HBe	HBsAg
_HEP VIRTUAL	Includes HBsAg, anti-HBs, and anti-HBc.	HBsAg
HEP A/B/C	Includes HBsAg, anti-HBs, and anti-HBc.	HBsAg
HEP B	Includes HBsAg, anti-HBs, and anti-HBc.	HBsAg
HEP B/C	Includes HBsAg, anti-HBs, and anti-HBc.	HBsAg
HEP SCREEN	Includes HBsAg, anti-HBs, and anti-HBc.	HBsAg

HEPATITIS	Includes HBsAg, anti-HBs, and anti-HBc.	HBsAg
Hepatitis - ADD HOLDR	Includes HBsAg, anti-HBs, and anti-HBc.	HBsAg
HEPATITIS A & B MASTER	Includes HBsAg, anti-HBs, and anti-HBc.	HBsAg
HEPATITIS A B C MASTER	Includes HBsAg, anti-HBs, and anti-HBc.	HBsAg
HEPATITIS B SEROLOGY	Includes HBsAg, anti-HBs, and anti-HBc.	HBsAg
HEPATITIS SEROLOGY	Includes HBsAg, anti-HBs, and anti-HBc.	HBsAg
S- HEPATITIS ABC	Includes HBsAg, anti-HBs, and anti-HBc.	HBsAg
SYPHILIS/HEP COMPOSI	Includes HBsAg, anti-HBs, and anti-HBc.	HBsAg
SYPHILIS/HEP COMPOSITE	Includes HBsAg, anti-HBs, and anti-HBc.	HBsAg
VIRAL HEPATITIS SCRE	Includes HBsAg	HBsAg
HEPATITIS SEROLOGY RESULTS	Includes HBsAg, anti-HBs, and anti-HBc	HBsAg
HEPATITIS SEROLOGY RESULTS EXT 5290	Includes HBsAg, anti-HBs, and anti-HBc	HBsAg
HEP-0 (HEPATITIS SEROLOGY)	Includes HBsAg, anti-HBs, and anti-HBc	HBsAg
HEP B&C in Pregnancy	Includes HBsAg	HBsAg
HEP B&C	Includes HBsAg, anti-HBs, and anti-HBc	HBsAg
HEP B SEROLOGY	Includes HBsAg, anti-HBs, and anti-HBc	HBsAg
HEP SEROLOGY	Includes HBsAg, anti-HBs, and anti-HBc	HBsAg
HEPATITIS B	Includes HBsAg, anti-HBs, and anti-HBc	HBsAg
HEPATITIS SERO	Includes HBsAg, anti-HBs, and anti-HBc	HBsAg
HEPATITIS SEROLOGY (HEP-0)	Includes HBsAg, anti-HBs, and anti-HBc	HBsAg
SE-HEPATITIS	Includes HBsAg, anti-HBs, and anti-HBc	HBsAg
Hep.B Surface Ag	HBsAg	HBsAg
HEP B Carriage (plus e ag)	Includes HBsAg, anti-HBs, anti-HBc, and HBeAg. It may also include anti-HBe	HBsAg, HBeAg, Anti-HBe
HEPATITIS STUDY	Includes HBsAg, anti-HBs, and anti-HBc. May also include HBeAg and anti-HBe	HBsAg, HBeAg, Anti-HBe
S-HEPATITIS B VIRAL LD	Includes HBsAg, anti-HBs, anti-HBc and HBV DNA.	HBsAg, HBV DNA
AFP	-	AFP
AFP-0 (SERUM ALPHA FETOPROTEIN)	-	AFP
SERUM ALPHA FETOPROTEIN (AFP-0)	-	AFP
ALT	-	ALT
FBE	-	Full Blood Count
FBC	-	Full Blood Count
FULL BLOOD COUNT	-	Full Blood Count
FULL BLOOD COUNT CUM	-	Full Blood Count
FBE-0 (FULL BLOOD COUNT)	-	Full Blood Count
FULL BLOOD CT.	-	Full Blood Count
HBVDNA	-	HBV DNA
HBVDNA-S	-	HBV DNA
HBVDNA(S)	-	HBV DNA
HBV Viral Load	-	HBV DNA

Pathology Tests – LOINC Codes

LOINC Codes	For Screening	Management Item		LOINC Codes	For Screening	Management Item
39005-4	Anti-HBc	-		43998-4	-	AFP
51658-3	Anti-HBc	-		43996-8	-	AFP
22316-4	Anti-HBc	-		50610-5	-	AFP
5187-0	Anti-HBc	-		43997-6	-	AFP
5188-8	Anti-HBc	-		23812-1	-	AFP
22317-2	Anti-HBc	-		31993-9	-	AFP
21005-4	Anti-HBc	-		49246-2	-	AFP
16933-4	Anti-HBc	-		41274-2	-	AFP
13952-7	Anti-HBc	-		48802-3	-	AFP
75378-0	Anti-HBc	-		22321-4	-	Anti-HBe
47440-3	Anti-HBc	-		5189-6	-	Anti-HBe
47358-7	Anti-HBc	-		5190-4	-	Anti-HBe
22318-0	Anti-HBc	-		39006-2	-	Anti-HBe
13919-6	Anti-HBc	-		22320-6	-	Anti-HBe
32685-0	Anti-HBc	-		13953-5	-	Anti-HBe
40725-4	Anti-HBc	-		75407-7	-	Anti-HBe
51914-0	Anti-HBc	-		41151-2	-	Anti-HBe
83100-8	Anti-HBc	-		33463-1	-	Anti-HBe
22319-8	Anti-HBc	-		5191-2	-	HBeAg
5186-2	Anti-HBc	-		32178-6	-	HBeAg
31204-1	Anti-HBc	-		31845-1	-	HBeAg
24113-3	Anti-HBc	-		31844-4	-	HBeAg
5185-4	Anti-HBc	-		5192-0	-	HBeAg
16935-9	Anti-HBs	-		13954-3	-	HBeAg
5193-8	Anti-HBs	-		75408-5	-	HBeAg
32019-2	Anti-HBs	-		39007-0	-	HBeAg
5194-6	Anti-HBs	-		31845-1	-	HBeAg
22323-0	Anti-HBs	-		31844-4	-	HBeAg
21006-2	Anti-HBs	-		5192-0	-	HBeAg
42504-1	Anti-HBs	-		75408-5	-	HBeAg
22322-2	Anti-HBs	-		39007-0	-	HBeAg
10900-9	Anti-HBs	-		31845-1	-	HBeAg
39535-0	Anti-HBs	-		31844-4	-	HBeAg
75409-3	Anti-HBs	-		5192-0	-	HBeAg
49495-5	Anti-HBs	-		13954-3	-	HBeAg
58405-2	Anti-HBs	-		75408-5	-	HBeAg
49177-9	Anti-HBs	-		39007-0	-	HBeAg
48070-7	Anti-HBs	-		77176-6	-	HBeAg, Anti-HBe
58452-4	HBsAg	HBsAg		40459-0	-	HBV DNA
63557-3	HBsAg	HBsAg		29900-8	-	HBV DNA
70154-0	HBsAg	HBsAg		20442-0	-	HBV DNA
77739-1	HBsAg	HBsAg		49358-5	-	HBV DNA

50967-9	HBsAg	HBsAg		49357-7	-	HBV DNA
51659-1	HBsAg	HBsAg		42595-9	-	HBV DNA
42505-8	HBsAg	HBsAg		49368-4	-	HBV DNA
5195-3	HBsAg	HBsAg		49360-1	-	HBV DNA
5197-9	HBsAg	HBsAg		49602-6	-	HBV DNA
65633-0	HBsAg	HBsAg		49601-8	-	HBV DNA
5196-1	HBsAg	HBsAg		48398-2	-	HBV DNA
7905-3	HBsAg	HBsAg		49606-7	-	HBV DNA
75410-1	HBsAg	HBsAg		49600-0	-	HBV DNA
47364-5	HBsAg	HBsAg		49359-3	-	HBV DNA
10674-0	HBsAg	HBsAg		49367-6	-	HBV DNA
10675-7	HBsAg	HBsAg		47216-7	-	HBV DNA
16325-3	-	ALT		48650-6	-	HBV DNA
76625-3	-	ALT		49365-0	-	HBV DNA
25302-1	-	ALT		45161-7	-	HBV DNA
50168-4	-	ALT		49361-9	-	HBV DNA
54491-6	-	ALT		49366-8	-	HBV DNA
54492-4	-	ALT		49364-3	-	HBV DNA
16324-6	-	ALT		49363-5	-	HBV DNA
1742-6	-	ALT		29615-2	-	HBV DNA
1743-4	-	ALT		49362-7	-	HBV DNA
1744-2	-	ALT		11258-1	-	HBV DNA
77144-4	-	ALT		32686-8	-	HBV DNA
44785-4	-	ALT		16934-2	-	HBV DNA
1916-6	-	ALT		59052-1	-	HBV DNA
48134-1	-	ALT		54210-0	-	HBV DNA
49585-3	-	AFP		23869-1	-	HBV DNA
44910-8	-	AFP		5007-0	-	HBV DNA
19172-6	-	AFP		29610-3	-	HBV DNA
19176-7	-	AFP		5008-8	-	HBV DNA
83072-9	-	AFP		5009-6	-	HBV DNA
11207-8	-	AFP		74856-6	-	HBV DNA
49761-0	-	AFP		58410-2	-	Complete or Full Blood Count
49762-8	-	AFP		74412-8	-	Complete or Full Blood Count
1834-1	-	AFP		47288-6	-	Complete or Full Blood Count
83073-7	-	AFP		57021-8	-	Complete or Full Blood Count
20450-3	-	AFP		69742-5	-	Complete or Full Blood Count
19173-4	-	AFP		57782-5	-	Complete or Full Blood Count
19177-5	-	AFP		57022-6	-	Complete or Full Blood Count
42332-7	-	AFP		24317-0	-	Complete or Full Blood Count
53961-9	-	AFP		24359-2	-	Complete or Full Blood Count
53962-7	-	AFP		24358-4	-	Complete or Full Blood Count
53960-1	-	AFP				
23811-3	-	AFP				