

Project Details

Name	Viral Hepatitis
Organisation(s)	University Hospital Southampton

Versioning

Version	v1.0
Version Notes	Patients: ~4600 Data Collection: from ~2003

Cohort

Inclusion Criteria	<ul style="list-style-type: none">* A pathology test-derived diagnosis of HCV, HBV, or HEV- HBV: One positive HBsAg or HBV DNA.- HCV: One positive HCV RNA or viral load, or HCV genotype information available.- HEV: Positive anti-HEV IgM and/or anti-HEV IgG and/or Positive HEV RNA.* any age at date of diagnosis* any date of diagnosis
Exclusion Criteria	<ul style="list-style-type: none">* no exclusion criteria

Metadata

Template Version	v1.1
Tables	16
Columns	52
Issues	None

Table	Description	CHECKS
biopsyReports	Table of freetext biopsy reports	OK
ctScanReports	Table of freetext CT scan reports	OK
death	Table of patient deaths	OK
demographics	Table of patient demographics	OK
deprivationScores	Table of IMD deciles according to ONS data	OK
elastographyScores	Table of fibroscan results	OK
hbvTreatment	Table of HBV treatment regimens	OK
hcvTreatment	Table of HCV treatment regimens	OK
healthcareUtilisation	Table of hospital encounters (inpatient episodes, outpatient appointments, and ED visits)	OK
hepatitisDiagnoses	Table of initial viral hepatitis diagnoses	OK
icdDiagnoses	Table of diagnoses and comorbidities	OK
laboratoryTests	Table of clinically relevant laboratory tests	OK
liverDiseaseProgression	Table of clinically relevant liver disease progression scores	OK
mriScanReports	Table of freetext MRI Scan reports	OK
riskFactors	Table of relevant risk factors (BMI, smoking, alcohol, comorbidities)	OK
ultrasoundReports	Table of freetext ultrasound reports	OK

Table	Column	Order	Data Type	Length	Vocabularies	Enumerations	Primary Key	Foreign Key Target	Column Description	CHECKS
biopsyReports	studySubjectId	1	Text	64			1	demographics.StudySubjectId	Unique pseudonymised patient identifier	OK
biopsyReports	reportId	2	Text	64			2		Unique pseudonymised row identifier	OK
biopsyReports	date	3	Timestamp						Date of examination	OK
biopsyReports	report	4	Text	3996					Report freetext	OK
ctScanReports	studySubjectId	1	Text	64			1	demographics.StudySubjectId	Unique pseudonymised patient identifier	OK
ctScanReports	reportId	2	Text	64			2		Unique pseudonymised row identifier	OK
ctScanReports	date	3	Timestamp						Date of examination	OK
ctScanReports	report	4	Text	4006					Report freetext	OK
death	studySubjectId	1	Text	64			1	demographics.StudySubjectId	Unique pseudonymised patient identifier	OK
death	reasonForDeath	2	Text	1					[NOTE: not available]	OK
death	yearOfDeath	3	Integer						Year of patient death	OK
demographics	studySubjectId	1	Text	64			1	demographics.StudySubjectId	Unique pseudonymised patient identifier	OK
demographics	countryOfBirth	2	Text	1						OK
demographics	ethnicCode	3	Text	1		Y			Ethnic code	OK
demographics	gender	4	Text	1		Y			Gender	OK
demographics	yearOfBirth	5	Integer						Year of patient birth	OK
deprivationScores	studySubjectId	1	Text	64			1	demographics.StudySubjectId	Unique pseudonymised patient identifier	OK
deprivationScores	imdDecile	2	Integer						IMD Decile according to ONS data	OK
deprivationScores	yearPostcodeRecord	3	Text	1					[NOTE: not available]	OK
elastographyScores	studySubjectId	1	Text	64			1	demographics.StudySubjectId	Unique pseudonymised patient identifier	OK
elastographyScores	resultId	2	Text	64			2		Unique pseudonymised row identifier	OK
elastographyScores	date	3	Date						Date of examination	OK
elastographyScores	liverStiffness	4	Float						Liver stiffness numerical score	OK
elastographyScores	method	5	Text	9					Method [NOTE: fibroscan only]	OK
elastographyScores	units	6	Text	3					Units	OK
hbvTreatment	studySubjectId	1	Text	64			1	demographics.StudySubjectId	Unique pseudonymised patient identifier	OK
hbvTreatment	regimen	2	Text	3			2		Name of treatment regimen	OK
hbvTreatment	startDate	3	Date				3		Date regimen started	OK
hbvTreatment	endDate	4	Date						[NOTE: not available]	OK
hcvTreatment	studySubjectId	1	Text	64			1	demographics.StudySubjectId	Unique pseudonymised patient identifier	OK
hcvTreatment	regimen	2	Text	11			2		Name of treatment regimen	OK
hcvTreatment	startDate	3	Date				3		Date regimen started	OK
hcvTreatment	endDate	4	Date						[NOTE: not available]	OK
hcvTreatment	inferredSvr12	5	Text	1					[NOTE: not available]	OK
hcvTreatment	reportedSvr12	6	Text	1					[NOTE: not available]	OK
healthcareUtilisation	studySubjectId	1	Text	64			1	demographics.StudySubjectId	Unique pseudonymised patient identifier	OK
healthcareUtilisation	encounterId	2	Text	64			2		Unique row identifier	OK
healthcareUtilisation	dateOfArrival	3	Timestamp						Date of arrival	OK
healthcareUtilisation	dateOfDeparture	4	Timestamp						Date of departure	OK
healthcareUtilisation	natureOfAttendance	5	Text	2		Y			Attendance type (inpatient, outpatient, ED)	OK
healthcareUtilisation	reasonForAttendance	6	Text	65					Reason for attendance	OK
healthcareUtilisation	mainSpeciality	7	Text	40					Name of main speciality	OK
healthcareUtilisation	appointmentType	8	Text	1					[NOTE: not available]	OK
hepatitisDiagnoses	studySubjectId	1	Text	64			1	demographics.StudySubjectId	Unique pseudonymised patient identifier	OK
hepatitisDiagnoses	dateOfFirstPositive	2	Timestamp						Date of first positive laboratory test for virus type	OK
hepatitisDiagnoses	hepatitisVirus	3	Text	3			2		Virus type	OK
hepatitisDiagnoses	siteProvided	4	Text	4					[NOTE: ignore; metadata field]	OK
icdDiagnoses	studySubjectId	1	Text	64			1	demographics.StudySubjectId	Unique pseudonymised patient identifier	OK
icdDiagnoses	diagnosisDate	2	Date				2		Date of inpatient discharge against which ICD was recorded	OK
icdDiagnoses	icdCode	3	Text	6	ICD		3		ICD code	OK
icdDiagnoses	diagnosisDescription	4	Text	60					ICD description	OK
icdDiagnoses	codeOrder	5	Integer				4		Rank of ICD within inpatient spell	OK
laboratoryTests	studySubjectId	1	Text	64			1	demographics.StudySubjectId	Unique pseudonymised patient identifier	OK
laboratoryTests	resultId	2	Text	64			2		Unique pseudonymised row identifier	OK

laboratoryTests	testCode	3 Text	5	Y		Type of test	OK
laboratoryTests	dateTime	4 Timestamp				Date of sampling	OK
laboratoryTests	result	5 Text	82			Result (raw)	OK
laboratoryTests	resultNumerical	6 Float				Result (converted to numerical value)	OK
laboratoryTests	units	7 Text	13			Result units	OK
laboratoryTests	pointOfCareTest	8 Text	4	Y		Whether test was POCT	OK
laboratoryTests	lowerReferenceValu	9 Float				Lower normal range (raw)	OK
laboratoryTests	lowerReferenceValu	10 Float				Lower normal range (converted to numerical value)	OK
laboratoryTests	upperReferenceValu	11 Float				Upper normal range (raw)	OK
laboratoryTests	upperReferenceValu	12 Float				Upper normal range (converted to numerical value)	OK
liverDiseaseProgression	studySubjectId	1 Text	64		1 demographics.StudySubjectId	Unique pseudonymised patient identifier	OK
liverDiseaseProgression	progressionId	2 Text	64		2	Unique pseudonymised row identifier	OK
liverDiseaseProgression	dateRecorded	3 Date				Date of scoring	OK
liverDiseaseProgression	method	4 Text	9			Method of calculation	OK
liverDiseaseProgression	name	5 Text	4	Y		Type of score	OK
liverDiseaseProgression	value	6 Text	1			Result (raw)	OK
liverDiseaseProgression	valueNumeric	7 Float				Result (numeric)	OK
liverDiseaseProgression	siteProvided	8 Text	1			[NOTE: ignore; metadata field]	OK
mriScanReports	studySubjectId	1 Text	64		1 demographics.StudySubjectId	Unique pseudonymised patient identifier	OK
mriScanReports	reportId	2 Text	64		2	Unique pseudonymised row identifier	OK
mriScanReports	date	3 Timestamp				Date of examination	OK
mriScanReports	report	4 Text	3508			Report freetext	OK
riskFactors	studySubjectId	1 Text	64		1 demographics.StudySubjectId	Unique pseudonymised patient identifier	OK
riskFactors	riskId	2 Text	64		2	Unique pseudonymised row identifier	OK
riskFactors	name	3 Text	8			Type of risk	OK
riskFactors	dateRiskFactorReco	4 Timestamp				Date of risk calculation	OK
riskFactors	value	5 Text	36			Value (non-numeric)	OK
riskFactors	valueNumeric	6 Integer				Value (numeric)	OK
riskFactors	inferenceMethod	7 Text	15			Method of calculation	OK
riskFactors	units	8 Text	10			Units	OK
riskFactors	siteProvided	9 Text	4			[NOTE: ignore; metadata field]	OK
ultrasoundReports	studySubjectId	1 Text	64		1 demographics.StudySubjectId	Unique pseudonymised patient identifier	OK
ultrasoundReports	reportId	2 Text	64		2	Unique pseudonymised row identifier	OK
ultrasoundReports	date	3 Timestamp				Date of examination	OK
ultrasoundReports	report	4 Text	3608			Report freetext	OK

Table	Column	Code	Name	Description	CHECKS
demographics	gender		1 Male		OK
demographics	gender		2 Female		OK
demographics	gender		9 Indeterminate	(unable to be classified as either male or female)	OK
demographics	gender		X Not Known	(PERSON STATED GENDER CODE not recorded)	OK
laboratoryTests	testCode	AFPL	Alpha-fetoprotein		OK
laboratoryTests	testCode	ALB	Albumin		OK
laboratoryTests	testCode	ALT	Alanine Aminotransferase		OK
laboratoryTests	testCode	AST	Aspartate Aminotrasferase		OK
laboratoryTests	testCode	BCRE	Serum Creatinine		OK
laboratoryTests	testCode	BTP	Total Protein		OK
laboratoryTests	testCode	BURE	Serum Urea		OK
laboratoryTests	testCode	CCRE	Creatinine clearance		OK
laboratoryTests	testCode	CD4	CD4 cell count		OK
laboratoryTests	testCode	CFER	Ferritin		OK
laboratoryTests	testCode	CIRI	Insulin		OK
laboratoryTests	testCode	CRP	C reactive protein		OK
laboratoryTests	testCode	EGFR	eGFR		OK
laboratoryTests	testCode	EOS	Eosinophil		OK
laboratoryTests	testCode	GHB	Haemoglobin HBA1C		OK
laboratoryTests	testCode	GLUC	Glucose		OK
laboratoryTests	testCode	HB	Haemoglobin		OK
laboratoryTests	testCode	HBCT	Anti-Hepatitis B core		OK
laboratoryTests	testCode	HBEB	Anti-HBe		OK
laboratoryTests	testCode	HBEG	Hepatitis B e antigen		OK
laboratoryTests	testCode	HBSG	Hepatitis B surface antigen		OK
laboratoryTests	testCode	HBVD	HBV DNA		OK
laboratoryTests	testCode	HCVA	Hepatitis C antibody		OK
laboratoryTests	testCode	HCVL	HCV Viral Load		OK
laboratoryTests	testCode	HCVR	HCV RNA		OK
laboratoryTests	testCode	HDVG	HDV IgG		OK
laboratoryTests	testCode	HDVL	HDV RNA		OK
laboratoryTests	testCode	HDVM	HDV IgM		OK
laboratoryTests	testCode	HEVG	HEV IgG		OK
laboratoryTests	testCode	HEVM	HEV IgM		OK
laboratoryTests	testCode	HEVP	HEV PCR		OK
laboratoryTests	testCode	HINR	INR		OK
laboratoryTests	testCode	HIVA	Anti-HIV		OK
laboratoryTests	testCode	HPBG	Hepatitis B Genotype		OK
laboratoryTests	testCode	HPCG	Hepatitis C Genotype		OK
laboratoryTests	testCode	HPVG	Hepatitis D Genotype		OK
laboratoryTests	testCode	HV1R	HIV 1 RNA		OK

laboratoryTests	testCode	IGM	Immunoglobulin M (IgM)	OK
laboratoryTests	testCode	MC	Mean cell haemoglobin (MCH)	OK
laboratoryTests	testCode	MCV	Mean Cell Volume (MCV)	OK
laboratoryTests	testCode	NEUB	Neutrophil Count	OK
laboratoryTests	testCode	NHDL	Non-HDL Cholesterol	OK
laboratoryTests	testCode	OVITD	Vitamin D	OK
laboratoryTests	testCode	PALK	Alkaline phosphatase	OK
laboratoryTests	testCode	PL	Platelet count	OK
laboratoryTests	testCode	WB	White cell count	OK
laboratoryTests	testCode	XBIL	Bilirubin (total)	OK
laboratoryTests	testCode	XGGT	Gamma-glutamyl transferase (GGT)	OK
laboratoryTests	testCode	ZCB	Conjugated Bilirubin	OK
laboratoryTests	testCode	ZCHO	Total Cholesterol	OK
laboratoryTests	testCode	ZHDL	HDL Cholesterol	OK
laboratoryTests	testCode	ZHDLR	Total: HDL Chol Ratio	OK
laboratoryTests	testCode	ZTRI	Triglycerides	OK
laboratoryTests	testCode	ZPHO	Serum Phosphate	OK
laboratoryTests	testCode	ZCA	Serum Calcium	OK
laboratoryTests	testCode	UPCR	Urine Protein Creatinine Ratio	OK
laboratoryTests	testCode	HBV	Hepatitis B Virus	OK
laboratoryTests	testCode	HCV	Hepatitis C Virus	OK
laboratoryTests	testCode	HDV	Hepatitis D Virus	OK
laboratoryTests	testCode	HEV	Hepatitis E Virus	OK
demographics	ethnicCode	99	Not known	OK
demographics	ethnicCode	A	White - British	OK
demographics	ethnicCode	B	White - Irish	OK
demographics	ethnicCode	C	White - Any other White background	OK
demographics	ethnicCode	D	Mixed - White and Black Caribbean	OK
demographics	ethnicCode	E	Mixed - White and Black African	OK
demographics	ethnicCode	F	Mixed - White and Asian	OK
demographics	ethnicCode	G	Mixed - Any other mixed background	OK
demographics	ethnicCode	H	Asian or Asian British - Indian	OK
demographics	ethnicCode	J	Asian or Asian British - Pakistani	OK
demographics	ethnicCode	K	Asian or Asian British - Bangladeshi	OK
demographics	ethnicCode	L	Asian or Asian British - Any other Asian background	OK
demographics	ethnicCode	M	Black or Black British - Caribbean	OK
demographics	ethnicCode	N	Black or Black British - African	OK
demographics	ethnicCode	P	Black or Black British - Any other Black background	OK
demographics	ethnicCode	R	Other Ethnic Groups - Chinese	OK
demographics	ethnicCode	S	Other Ethnic Groups - Any other ethnic group	OK
demographics	ethnicCode	Z	Not stated	OK
healthcareUtilisation	natureOfAttendance	AE	A&E	OK

healthcareUtilisation	natureOfAttendance	IP	Inpatient		OK
healthcareUtilisation	natureOfAttendance	OP	Outpatient		OK
liverDiseaseProgression	name	APRI	APRI Score		OK
liverDiseaseProgression	name	FIB4	FIB-4 Score		OK
liverDiseaseProgression	name	ELFS	Fibrosis		OK
laboratoryTests	pointOfCareTest	TRUE	Point of care test		OK