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HSCIC ITK - Interoperability Message Specification Reference Tables

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Glossary of Terms

Term / Abbreviation	What it stands for

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1 Introduction

2 Purpose of Document

The purpose of this document is to detail the HL7 version 2.4 message constructs and definitions used within the HSCIC Interoperability Toolkit that forms part of the document set issued as the Interoperability Toolkit Specification.

The document is based on the current HL7v2.4 A2 standard published by HL7-UK with additional reference to the IHE Technical Framework Volume 2. Although based on these documents there are a number of areas in which this specification differs from both HL7-UK and IHE.

This document will eventually form part of a document set which 'profiles' HL7 version 2.4 for deployment within the English NHS.

This document provides vocabularies which shall be used in HL7 version 2.4 message constructs used within the HSCIC Interoperability Toolkit Specification. Vocabularies provided in this document are also available in XML/HTML format from NHS TRUD website as 'Interoperability Toolkit Specifications Reference Pack'

3 Audience

This guidance has been written for the technical and product development staff within manufacturers and vendors of systems to the NHS, who intend to provide Interoperability Toolkit enabled applications.

Additionally this document would be of interest to NHS Trust staff who may be involved in procuring a 'Toolkit-enabled' application.

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4 Reference Table Definitions

4.1 User Table 0001 - Administrative Sex

Used within segments:

PID - Patient Identification (HL7 ref 3.4.2)

NK1 - Next of Kin (NOK) / Associated Parties (AP) (HL7 ref 3.4.5)

Refer to HL7 Chapter:

3.4.2.8

Value	Description	Notes
9	Not specified	'9' 'Not Specified' means indeterminate, i.e. unable to be classified as either male or female.
2	Female	
1	Male	
0	Not Known	'0' 'Not Known' means that the gender of the person has not been recorded.

Sex and gender are different concepts. As this is administrative (patient identification) it must refer to Gender and be used in that context - i.e. self declared or based on identification.

Status:

HL7-UK A2	*Differs - Discuss with HL7-UK A2 to reflect the NHS*
IHE TF	*Differs - Discuss with IHE-UK to reflect the NHS*

The following table indicates a potential mapping from the User table 0001 to these values based on the NHS Data Model and Dictionary attribute Person Gender Code[1] and e-GIF/GDSC data element Person Gender Current[2].

HL7 Value	*HL7 Description*	*NHS DD Value*	*NHS Data Dictionary Description*
A	*Ambiguous*	*9*	*Not Specified*
F	*Female*	*2*	*Female*
M	*Male*	*1*	*Male*
N	*Not applicable*	*0*	*Not known*
O	*Other*	*0*	*Not known*
U	*Unknown*	*0*	*Not Known*

[1] http://www.datadictionary.nhs.uk/data_dictionary/attributes/p/person/person_gender_code_de.asp?

[2] http://www.cabinetoffice.gov.uk/govtalk/schemasstandards/e-gif/datastandards/person_information/person_sex/person_gender_current.aspx

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4.2 User Table 0002 - Marital Status

Used within segment:

PID - Patient Identification (HL7 ref 3.4.2)

Refer to HL7 Chapter:

3.4.2.16

Value	Description	Notes
S	Single	
M	Married / Civil Partner	
D	Divorced / Person whose Civil Partnership has been dissolved	
W	Widowed / Surviving Civil Partner	
P	Separated	
N	Not disclosed	
8	Not applicable	
9	Not known	To be used when data enterer has tried to get information but it is not known for any reason.

An indicator to identify the legal marital status of a person.

Status:

HL7-UK A2	Differs - Discuss with HL7-UK A2 to reflect the NHS
IHE TF	Differs - Discuss with IHE-UK to reflect the NHS

The following table indicates a mapping from the User table 0002 to these values based on the NHS Data Model and Dictionary attribute Person Marital Status Code[3] and e-GIF/GDSC Person Marital Status[4]. The Identity and Passport Service (IPS) will be establishing the definitions for "Marital Status" and so these values are subject to change.

HL7 Value	*HL7 Description*	*NHS Value*	*NHS Description*
A	*Separated*	*P*	*Separated*
B	*Unmarried*	*S*	*Single*
C	*Common law*	*S*	*Single*
D	*Divorced*	*D*	*Divorced/Person whose Civil Partnership has been dissolved*
E	*Legally Separated*	*P*	*Separated*

[3] http://www.datadictionary.nhs.uk/data_dictionary/attributes/p/person/person_marital_status_code_de.asp?

[4] http://www.govtalk.gov.uk/gdsc/html/frames/PersonMaritalStatus-2-0-Release.htm

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G	*Living Together*	*S*	*Single*
I	*Interlocutory*	*N*	*Not disclosed*
M	*Married*	*M*	*Married/Civil Partner*
N	*Annulled*	*D*	*Divorced/Person whose Civil Partnership has been dissolved*
O	*Other*	*N*	*Not disclosed*
P	*Domestic Partner*	*S*	*Single*
R	*Registered Domestic Partner*	*M*	*Married/Civil Partner*
S	*Single*	*S*	*Single*
T	*Unreported*	*N*	*Not disclosed*
U	*Unknown*	*N*	*Not disclosed*
W	*Widowed*	*W*	*Widowed/Surviving Civil Partner*

4.3 User Table 0004 - Patient Class

Used within segment:

PV1 - Patient Visit (HL7 ref 3.4.3)

Refer to HL7 Chapter:

3.4.3.2

Value	Description	Notes
B	Obstetrics	
C	Commercial Account	
E	Emergency	
I	Inpatient	
N	Not Applicable	
O	Outpatient	
P	Pre-admit	
R	Recurring patient	
U	Unknown	
W	Waiting List	

4.4 User Table 0006 - Religion

Used within segment:

PID - Patient Identification (HL7 ref 3.4.2)

Refer to HL7 Chapter:

3.4.2.17

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Value	Description	Notes
A1	Baha'i	Baha'i
B1	Buddhist	Buddhist
B2	Mahayana Buddhist	Buddhist
B3	New Kadampa Tradition Buddhist	Buddhist
B4	Nichiren Buddhist	Buddhist
B5	Pure Land Buddhist	Buddhist
B6	Theravada Buddhist	Buddhist
B7	Tibetan Buddhist	Buddhist
B8	Zen Buddhist	Buddhist
C1	Christian	Christian
C2	Amish	Christian
C3	Anabaptist	Christian
C4	Anglican	Christian
C5	Apostolic Pentecostalist	Christian
C6	Armenian Catholic	Christian
C7	Armenian Orthodox	Christian
C8	Baptist	Christian
C9	Brethren	Christian
C10	Bulgarian Orthodox	Christian
C11	Calvinist	Christian
C12	Catholic: Not Roman Catholic	Christian
C13	Celtic Christian	Christian
C14	Celtic Orthodox Christian	Christian
C15	Chinese Evangelical Christian	Christian
C16	Christadelphian	Christian
C17	Christian Existentialist	Christian
C18	Christian Humanist	Christian
C19	Christian Scientists	Christian
C20	Christian Spiritualist	Christian
C21	Church in Wales	Christian
C22	Church of England	Christian

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Value	Description	Notes
C23	Church of God of Prophecy	Christian
C24	Church of Ireland	Christian
C25	Church of Scotland	Christian
C26	Congregationalist	Christian
C27	Coptic Orthodox	Christian
C28	Eastern Catholic	Christian
C29	Eastern Orthodox	Christian
C30	Elim Pentecostalist	Christian
C31	Ethiopian Orthodox	Christian
C32	Evangelical Christian	Christian
C33	Exclusive Brethren	Christian
C34	Free Church	Christian
C35	Free Church of Scotland	Christian
C36	Free Evangelical Presbyterian	Christian
C37	Free Methodist	Christian
C38	Free Presbyterian	Christian
C39	French Protestant	Christian
C40	Greek Catholic	Christian
C41	Greek Orthodox	Christian
C42	Independent Methodist	Christian
C43	Indian Orthodox	Christian
C44	Jehovah's Witness	Christian
C45	Judaic Christian	Christian
C46	Lutheran	Christian
C47	Mennonite	Christian
C48	Messianic Jew	Christian
C49	Methodist	Christian
C50	Moravian	Christian
C51	Mormon	Christian
C52	Nazarene Church / SYN Nazarene	Christian
C53	New Testament Pentacostalist	Christian
C54	Nonconformist	Christian

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Value	Description	Notes
C55	Old Catholic	Christian
C56	Open Brethren	Christian
C57	Orthodox Christian	Christian
C58	Pentecostalist / SYN Pentacostal Christian	Christian
C59	Presbyterian	Christian
C60	Protestant	Christian
C61	Plymouth Brethren	Christian
C62	Quaker	Christian
C63	Rastafari	Christian
C64	Reformed Christian	Christian
C65	Reformed Presbyterian	Christian
C66	Reformed Protestant	Christian
C67	Roman Catholic	Christian
C68	Romanian Orthodox	Christian
C69	Russian Orthodox	Christian
C70	Salvation Army Member	Christian
C71	Scottish Episcopalian	Christian
C72	Serbian Orthodox	Christian
C73	Seventh Day Adventist	Christian
C74	Syrian Orthodox	Christian
C75	Ukrainian Catholic	Christian
C76	Ukrainian Orthodox	Christian
C77	Uniate Catholic	Christian
C78	Unitarian	Christian
C79	United Reform	Christian
C80	Zwinglian	Christian
D1	Hindu	Hindu
D2	Advaitin Hindu	Hindu
D3	Arya Samaj Hindu	Hindu
D4	Shakti Hindu	Hindu
D5	Shiva Hindu	Hindu

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Value	Description	Notes
D6	Vaishnava Hindu / Hare Krishna	Hindu
E1	Jain	Jain
F1	Jewish	Jewish
F2	Ashkenazi Jew	Jewish
F3	Haredi Jew	Jewish
F4	Hasidic Jew	Jewish
F5	Liberal Jew	Jewish
F6	Masorti Jew	Jewish
F7	Orthodox Jew	Jewish
F8	Reform Jew	Jewish
G1	Muslim	Muslim
G2	Ahmadi	Muslim
G3	Druze	Muslim
G4	Ismaili Muslim	Muslim
G5	Shi'ite Muslim	Muslim
G6	Sunni Muslim	Muslim
H1	Pagan	Pagan
H2	Asatruar	Pagan
H3	Celtic Pagan	Pagan
H4	Druid	Pagan
H5	Goddess	Pagan
H6	Heathen	Pagan
H7	Occultist	Pagan
H8	Shaman	Pagan
H9	Wiccan	Pagan
I1	Sikh	Sikh
J1	Zoroastrian	Zoroastrian
K1	Agnostic *	Agnostic
K2	Ancestral Worship	Agnostic
K3	Animist	Agnostic
K4	Anthroposophist	Agnostic
K5	Black Magic	Agnostic

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Value	Description	Notes
K6	Brahma Kumari	Agnostic
K7	British Israelite	Agnostic
K8	Chondogyo	Agnostic
K9	Confucianist	Agnostic
K10	Deist	Agnostic
K11	Humanist	Agnostic
K12	Infinite Way	Agnostic
K13	Kabbalist	Agnostic
K14	Lightworker	Agnostic
K15	New Age Practitioner	Agnostic
K16	Native American Religion	Agnostic
K17	Pantheist	Agnostic
K18	Peyotist	Agnostic
K19	Radha Soami /SYN Sant Mat	Agnostic
K20	Religion (Other Not Listed) **	Agnostic
K21	Santeri	Agnostic
K22	Satanist	Agnostic
K23	Scientologist	Agnostic
K24	Secularist	Agnostic
K25	Shumei	Agnostic
K26	Shinto	Agnostic
K27	Spiritualist	Agnostic
K28	Swedenborgian / SYN Neo-Christian	Agnostic
K29	Taoist	Agnostic
K30	Unitarian-Universalist	Agnostic
K31	Universalist	Agnostic
K32	Vodun	Agnostic
K33	Yoruba	Agnostic
L1	Atheist	Atheist
L2	Not Religious	Atheist
M1	Religion not given - PATIENT	Religion not given

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Value	Description	Notes
	refused	
N1	Patient Religion Unknown ***	Patient Religion Unknown

** Where the patient has been asked for their Religious or Other Belief System Affiliation but they are unsure what it is: Agnostic should be used*

*** Where the patient has been asked for their Religious or Other Belief System Affiliation and it is one that is not listed: Religion (Other Not Listed) should be used*

**** Where the patient has not been asked for their Religious or Other Belief System Affiliation: Patient Religion Unknown should be used.*

Source: SCG Guidance: How to Use the Religious or Other Belief System Affiliation List

Status:

HL7-UK A2	*Differs - Discuss with HL7-UK A2 to reflect the NHS*
IHE TF	*Differs - Discuss with IHE-UK to reflect the NHS*

The following table indicates a mapping from the User table 0006 to these values based on the NHS Data Model and Dictionary attribute Religious or Other Belief System Affiliation Code[5].

HL7 Value	*HL7 Description*	*NHS value*	*NHS Description*
ABC	Christian: American Baptist Church	C1	Christian
AGN	Agnostic	K1	Agnostic *
AME	Christian: African Methodist Episcopal Zion	C1	Christian
AMT	Christian: African Methodist Episcopal	C1	Christian
ANG	Christian: Anglican	C4	Anglican
AOG	Christian: Assembly of God	C1	Christian
ATH	Atheist	L1	Atheist
BAH	Baha'i	A1	Baha'i
BAP	Christian: Baptist	C8	Baptist
BMA	Buddhist: Mahayana	B2	Mahayana Buddhist
BOT	Buddhist: Other	B1	Buddhist
BTA	Buddhist: Tantrayana	B1	Buddhist
BTH	Buddhist: Theravada	B6	Theravada Buddhist
BUD	Buddhist	B1	Buddhist
CAT	Christian: Roman Catholic	C67	Roman Catholic

5 http://www.datadictionary.nhs.uk/data_dictionary/attributes/r/red/religious_or_other_belief_system_affiliation_code_de.asp?

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HL7 Value	*HL7 Description*	*NHS value*	*NHS Description*
CFR	Chinese Folk Religionist	K20	Religion (Other Not Listed) **
CHR	Christian	C1	Christian
CHS	Christian: Christian Science	C19	Christian Scientists
CMA	Christian: Christian Missionary Alliance	C1	Christian
CNF	Confucian	K9	Confucianist
COC	Christian: Church of Christ	C1	Christian
COG	Christian: Church of God	C1	Christian
COI	Christian: Church of God in Christ	C1	Christian
COL	Christian: Congregational	C26	Congregationalist
COM	Christian: Community	C1	Christian
COP	Christian: Other Pentecostal	C58	Pentecostalist / SYN Pentacostal Christian
COT	Christian: Other	C1	Christian
CRR	Christian: Christian Reformed	C1	Christian
EOT	Christian: Eastern Orthodox	C29	Eastern Orthodox
EPI	Christian: Episcopalian	C1	Christian
ERL	Ethnic Religionist	K20	Religion (Other Not Listed) **
EVC	Christian: Evangelical Church	C32	Evangelical Christian
FRQ	Christian: Friends	C1	Christian
FWB	Christian: Free Will Baptist	C1	Christian
GRE	Christian: Greek Orthodox	C41	Greek Orthodox
HIN	Hindu	D1	Hindu
HOT	Hindu: Other	D1	Hindu
HSH	Hindu: Shaivites	D5	Shiva Hindu
HVA	Hindu: Vaishnavites	D6	Vaishnava Hindu / Hare Krishna
JAI	Jain	E1	Jain
JCO	Jewish: Conservative	F1	Jewish
JEW	Jewish	F1	Jewish
JOR	Jewish: Orthodox	F7	Orthodox Jew
JOT	Jewish: Other	F1	Jewish
JRC	Jewish: Reconstructionist	F1	Jewish
JRF	Jewish: Reform	F8	Reform Jew
JRN	Jewish: Renewal	F1	Jewish
JWN	Christian: Jehovah's Witness	C44	Jehovah's Witness
LMS	Christian: Lutheran Missouri Synod	C46	Lutheran

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HL7 Value	*HL7 Description*	*NHS value*	*NHS Description*
LUT	Christian: Lutheran	C46	Lutheran
MEN	Christian: Mennonite	C47	Mennonite
MET	Christian: Methodist	C49	Methodist
MOM	Christian: Latter-day Saints	C1	Christian
MOS	Muslim	G1	Muslim
MOT	Muslim: Other	G1	Muslim
MSH	Muslim: Shiite	G5	Shi'ite Muslim
MSU	Muslim: Sunni	G6	Sunni Muslim
NAM	Native American	K16	Native American Religion
NAZ	Christian: Church of the Nazarene	C52	Nazarene Church / SYN Nazarene
NOE	Nonreligious	L2	Not Religious
NRL	New Religionist	K20	Religion (Other Not Listed) **
ORT	Christian: Orthodox	C57	Orthodox Christian
OTH	Other	K20	Religion (Other Not Listed) **
PEN	Christian: Pentecostal	C58	Pentecostalist / SYN Pentacostal Christian
PRC	Christian: Other Protestant	C60	Protestant
PRE	Christian: Presbyterian	C59	Presbyterian
PRO	Christian: Protestant	C60	Protestant
QUA	Christian: Friends	C1	Christian
REC	Christian: Reformed Church	C64	Reformed Christian
REO	Christian: Reorganized Church of Jesus Christ-LDS	C1	Christian
SAA	Christian: Salvation Army	C70	Salvation Army Member
SEV	Christian: Seventh Day Adventist	C73	Seventh Day Adventist
SHN	Shintoist	K26	Shinto
SIK	Sikh	I1	Sikh
SOU	Christian: Southern Baptist	C1	Christian
SPI	Spiritist	K20	Religion (Other Not Listed) **
UCC	Christian: United Church of Christ	C1	Christian
UMD	Christian: United Methodist	C49	Methodist
UNI	Christian: Unitarian	C78	Unitarian
UNU	Christian: Unitarian Universalist	C78	Unitarian
VAR	Unknown	N1	Patient Religion Unknown ***
WES	Christian: Wesleyan	C1	Christian
WMC	Christian: Wesleyan Methodist	C1	Christian

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4.5 User Table 0007 - Admission Type

Used within segment:

PV1 - Patient Visit (HL7 ref 3.4.3)

Refer to HL7 Chapter:

3.4.3.4

Value	Description	Notes
11	Waiting list	Elective Admission, when the DECISION TO ADMIT could be separated in time from the actual admission. Note that this does not include a transfer from another Hospital Provider (see 81 below).
12	Booked	Elective Admission, when the DECISION TO ADMIT could be separated in time from the actual admission. Note that this does not include a transfer from another Hospital Provider (see 81 below).
13	Planned	Elective Admission, when the DECISION TO ADMIT could be separated in time from the actual admission. Note that this does not include a transfer from another Hospital Provider (see 81 below).
21	Accident and emergency or dental casualty department of the Health Care Provider	Emergency admission, when admission is unpredictable and at short notice because of clinical need.
22	GENERAL PRACTITIONER: after a request for immediate admission has been made direct to a Hospital Provider, i.e. not through a Bed bureau, by a GENERAL PRACTITIONER or deputy	Emergency admission, when admission is unpredictable and at short notice because of clinical need.
23	Bed bureau	Emergency admission, when admission is unpredictable and at short notice because of clinical need.
24	Consultant Clinic, of this or another Health Care Provider	Emergency admission, when admission is unpredictable and at short notice because of clinical need.

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Value	Description	Notes
28	Other means, examples are: - admitted from the Accident And Emergency Department of another provider where they had not been admitted - transfer of an admitted PATIENT from another Hospital Provider in an emergency - baby born at home as intended	Emergency admission, when admission is unpredictable and at short notice because of clinical need.
31	Admitted ante-partum	Maternity admission, of a pregnant or recently pregnant woman to a maternity ward (including delivery facilities) except when the intention is to terminate the pregnancy.
32	Admitted post-partum	Maternity admission, of a pregnant or recently pregnant woman to a maternity ward (including delivery facilities) except when the intention is to terminate the pregnancy.
82	The birth of a baby in this Health Care Provider	Other admission not specified above.
83	Baby born outside the Health Care Provider except when born at home as intended.	Other admission not specified above.
81	Transfer of any admitted PATIENT from other Hospital Provider other than in an emergency	Other admission not specified above.
98	Not applicable	
99	Not known	To be used when data enterer has tried to get information but it is not known for any reason.

Status:

HL7-UK A2	*Differs - Discuss with HL7-UK A2 to reflect the NHS*
IHE TF	*Differs - Discuss with IHE-UK to reflect the NHS*

The following table indicates a mapping from the User table 0007 to these values based on the NHS Data Model and Dictionary attribute Admission Method[6].

HL7 Value	*HL7 Description*	*NHS value*	*NHS Description*
A	*Accident*	*21*	*Accident and emergency or dental*

[6] http://www.datadictionary.nhs.uk/data_dictionary/attributes/a/add/admission_method_de.asp?

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HL7 Value	*HL7 Description*	*NHS value*	*NHS Description*
			casualty department of the Health Care Provider
C	*Elective*	*13*	*Planned*
E	*Emergency*	*21*	*Accident and emergency or dental casualty department of the Health Care Provider*
L	*Labor and Delivery*	*31*	*Maternity admission, of a pregnant or recently pregnant woman to a maternity ward (including delivery facilities) except when the intention is to terminate the pregnancy.*
N	*Newborn (Birth in healthcare facility)*	*82*	*The birth of a baby in this Health Care Provider*
R	*Routine*	*12*	*Booked*
U	*Urgent*		

4.6 HL7 Table 0008 - Acknowledgment code

Used within segment:

MSA - message acknowledgment segment (HL7 ref: 2.16.8)

Refer to HL7 Chapter:

2.16.8.1

Value	Description	Notes
AA	Original mode: Application Accept - Enhanced mode: Application acknowledgment: Accept	
AE	Original mode: Application Error - Enhanced mode: Application acknowledgment: Error	
AR	Original mode: Application Reject - Enhanced mode: Application acknowledgment: Reject	
CA	Enhanced mode: Accept acknowledgment: Commit Accept	
CE	Enhanced mode: Accept acknowledgment: Commit Error	
CR	Enhanced mode: Accept acknowledgment: Commit Reject	

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4.7 User Table 0009 - Ambulatory status

Used within segments:

PV1 - Patient Visit (HL7 ref 3.4.3)

NK1 - Next of Kin (NOK) / Associated Parties (AP) (HL7 ref 3.4.5)

Refer to HL7 Chapter:

3.4.3.15

Value	Description	Notes
A0	No functional limitations	
A1	Ambulates with assistive device	
A2	Wheelchair/stretcher bound	
A3	Comatose; non-responsive	
A4	Disoriented	
A5	Vision impaired	
A6	Hearing impaired	
A7	Speech impaired	
A8	Non-English speaking	
A9	Functional level unknown	
B1	Oxygen therapy	
B2	Special equipment (tubes, IVs, catheters)	
B3	Amputee	
B4	Mastectomy	
B5	Paraplegic	
B6	Pregnant	

4.8 User Table 0010 - Physician ID

Used within segments:

PV1 - Patient Visit (HL7 ref 3.4.3)

PR1 -Procedures

Refer to HL7 Chapter:

3.4.3.9, 3.4.3.8, 3.4.3.7, 6.5.4.12, 3.4.3.17

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This table should contain and support valid NHS Consultant Codes[7] or Referrer Codes[8] to be used in the HL7 data elements Referring Doctor, Consulting Doctor and Admitting Doctor.

4.9 User Table 0018 - Patient Type

Used within segment:

PV1 - Patient Visit (HL7 ref 3.4.3)

Refer to HL7 Chapter:

3.4.3.18

There are currently no suggested values for this release. Until nationally agreed values are provided, local values should be used.

4.10 User Table 0019 - Anaesthesia code

Used within segment:

PR1 –Procedures

Refer to HL7 Chapter:

6.5.4.9

Value	Description	Notes
Y80	General anaesthetic	
Y80.1	Inhalation anaesthetic using muscle relaxant	
Y80.2	Inhalation anaesthetic using endotracheal intubation NEC	
Y80.3	Inhalation anaesthetic NEC	
Y80.4	Intravenous anaesthetic NEC	
Y80.5	Rapid sequence induction of anaesthetic	
Y80.8	Other specified	
Y80.9	Unspecified	
Y81	Spinal anaesthetic	
Y81.1	Epidural anaesthetic using lumbar approach	Includes: Epidural anaesthetic NEC
Y81.2	Epidural anaesthetic using sacral approach	
Y81.8	Other specified	

[7] http://www.datadictionary.nhs.uk/data_dictionary/attributes/c/cons/consultant_code_de.asp?

[8] http://www.datadictionary.nhs.uk/data_dictionary/data_field_notes/r/referrer_code_de.asp?

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Value	Description	Notes
Y81.9	Unspecified	
Y82	Local anaesthetic	Excludes: Local anaesthetics for Ophthalmology procedures (C90)
Y82.1	Local anaesthetic nerve block	Excludes: Destructive nerve block (Chapter A)
Y82.2	Injection of local anaesthetic NEC	

This table should contain and support valid NHS Anaesthesia codes and descriptions. The current NHS coding standard supported for Anaesthesia are codes ranging from within Y80-Y84 from the Office of Population, Censuses and Surveys Classification of Surgical Operations and Procedures (4th revision) standard, OPCS-4.5[9].

If mapping from Systematised Nomenclature of Medicine Clinical Terms (SNOMED-CT)[10], please ensure that the concepts used are cross mapped to the OPCS-4 codes above. The cross mapping can be found by accessing the TRUD[11] service.

4.11 User Table 0023 - Admit source

Used within segment:

PV1 - Patient Visit (HL7 ref 3.4.3)

Refer to HL7 Chapter:

3.4.3.14

Value	Description	Notes
19	Usual place of residence unless listed below, for example, a private dwelling whether owner occupied or owned by local authority, housing association or other landlord. This includes wardened accommodation but not residential accommodation where health care is provided. It also includes patients with no fixed abode.	
29	Temporary place of residence when usually resident elsewhere (e.g. hotels, residential educational establishments)	

9 http://www.datadictionary.nhs.uk/web_site_content/supporting_information/clinical_coding/opcs_classification_of_interventions_and_procedures.asp?

10 http://systems.hscic.gov.uk/data/uktc/snomed

11 https://www.uktcregistration.nss.HSCIC.nhs.uk/trud/

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Value	Description	Notes
39	Penal establishment, Court, or police station	
49	NHS other hospital provider - high security psychiatric accommodation in an NHS hospital provider (NHS trust)	
51	NHS other hospital provider - ward for general patients or the younger physically disabled or A & E department	Code 51 should not be used if the PATIENT arrives at an Accident And Emergency Department and is admitted to the same Hospital Provider.
52	NHS other hospital provider - ward for maternity patients or neonates	
53	NHS other hospital provider - ward for patients who are mentally ill or have learning disabilities	
54	NHS run care home	
65	Local Authority residential accommodation ie where care is provided	
66	Local Authority foster care	
79	Babies born in or on the way to hospital	
85	Non-NHS (other than Local Authority) run care home	
87	Non NHS run hospital	
88	Non-NHS (other than Local Authority) run Hospice	
98	Not applicable	
99	Not known	To be used when data enterer has tried to get information but it is not known for any reason.

Status:

HL7-UK A2	*Differs - Discuss with HL7-UK A2 to reflect the NHS*
IHE TF	*Differs - Discuss with IHE-UK to reflect the NHS*

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The following table indicates a mapping from the User table 0023 to these values based on the NHS Data Model and Dictionary attribute Source of Admission[12].

HL7 Value	*HL7 Description*	*NHS value*	*NHS Description*
1	Physician referral		
2	Clinic referral		
3	HMO referral		
4	Transfer from a hospital		
5	Transfer from a skilled nursing facility		
6	Transfer from another health care facility	51	NHS other hospital provider - ward for general patients or the younger physically disabled or A & E department
7	Emergency room	51	NHS other hospital provider - ward for general patients or the younger physically disabled or A & E department
8	Court/law enforcement	39	Penal establishment, Court, or police station
9	Information not available	19	Usual place of residence unless listed below, for example, a private dwelling whether owner occupied or owned by local authority, housing association or other landlord. This includes wardened accommodation but not residential accommodation where health care is provided. It also includes patients with no fixed abode.

4.12 User Table 0051 - Diagnosis code

Used within segment:

PR1 –Procedures

DG1 – Diagnostic Information

Refer to HL7 Chapter:

6.5.4.15, 6.5.2.3

This table should contain and support valid NHS Diagnosis codes[13]. The current NHS coding standard for Diagnosis Codes is the International Classification of Diseases standard, ICD-10[14].

[12] http://www.datadictionary.nhs.uk/data_dictionary/attributes/s/smo/source_of_admission_de.asp?

[13] http://www.datadictionary.nhs.uk/data_dictionary/attributes/c/cla/clinical_classification_code_de.asp?

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4.13 User Table 0052 - Diagnosis type

Used within segment:

DG1 - Diagnostic Information

Refer to HL7 Chapter:

6.5.2.6

Value	Description	Notes
A	Admitting	
F	Final	
W	Working	

4.14 User Table 0059 - Consent code

Used within segment:

PR1 -Procedures

Refer to HL7 Chapter:

6.5.4.13

There are currently no suggested values for this release. Until nationally agreed values are provided, local values should be used.

4.15 User Table 0063 - Relationship

Used within segment:

NK1 - Next of Kin (NOK) / Associated Parties (AP) (HL7 ref 3.4.5)

Refer to HL7 Chapters:

3.4.5.3

Value	Description	Notes
1	Spouse	
2	Partner	
3	Parent	
4	Next of kin	
5	Guardian	Other than a parent
6	Foster parent	
9	Child	
10	Dependant	

14

http://www.datadictionary.nhs.uk/web_site_content/supporting_information/clinical_coding/international_classification_of_diseases_(icd-10).asp?

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Value	Description	Notes
11	Non-dependant	
12	Mother	
13	Father	
14	Sister	
15	Brother	
16	Relative	
17	Proxy – Contact	
18	Proxy – Communication	
19	Proxy -- Contact and Communication	
20	Carer	
21	Self	
61	Step parent	
62	Polygamous partner	
98	Not Known	
99	Not specified	

Details of a relationship between the patient and another party.

Status:

HL7-UK A2	*Differs - Discuss with HL7-UK A2 to reflect the NHS*
IHE TF	*Differs - Discuss with IHE-UK to reflect the NHS*

The following table indicates a mapping from the User table 0063 to these values based on the Person Demographics Service (PDS) data item Relationship Type.

HL7 Value	*HL7 Description*	*NHS value*	*NHS Description*
ASC	Associate	99	Not specified
BRO	Brother	15	Brother
CGV	Care giver	20	Carer
CHD	Child	9	Child
DEP	Handicapped dependent	10	Dependant
DOM	Life partner	2	Partner

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HL7 Value	*HL7 Description*	*NHS value*	*NHS Description*
EMC	Emergency contact	17	Proxy - Contact
EME	Employee	99	Not specified
EMR	Employer	99	Not specified
EXF	Extended family	16	Relative
FCH	Foster child	9	Child
FND	Friend	99	Not specified
FTH	Father	13	Father
GCH	Grandchild	16	Relative
GRD	Guardian	5	Guardian
GRP	Grandparent	16	Relative
MGR	Manager	99	Not specified
MTH	Mother	12	Mother
NCH	Natural child	9	Child
NON	None	98	Not Known
OAD	Other adult	99	Not specified
OTH	Other	99	Not specified
OWN	Owner	99	Not specified
PAR	Parent	3	Parent
SCH	Stepchild	9	Child
SEL	Self	21	Self
SIB	Sibling	16	Relative
SIS	Sister	14	Sister
SPO	Spouse	1	Spouse
TRA	Trainer	99	Not specified
UNK	Unknown	98	Not Known
WRD	Ward of court	99	Not specified

4.16 User Table 0069 - Hospital Service

Used within segment:

PV1 - Patient Visit (HL7 ref 3.4.3)

Refer to HL7 Chapters:

3.4.3.10

Value	Description	Notes
100	GENERAL SURGERY	
101	UROLOGY	

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Value	Description	Notes
102	TRANSPLANTATION SURGERY	
103	BREAST SURGERY	
104	COLORECTAL SURGERY	
105	HEPATOBILIARY & PANCREATIC SURGERY	
106	UPPER GASTROINTESTINAL SURGERY	
107	VASCULAR SURGERY	
110	TRAUMA & ORTHOPAEDICS	
120	ENT	
130	OPHTHALMOLOGY	
140	ORAL SURGERY	
141	RESTORATIVE DENTISTRY	
142	PAEDIATRIC DENTISTRY	
143	ORTHODONTICS	
144	MAXILLO-FACIAL SURGERY	
150	NEUROSURGERY	
160	PLASTIC SURGERY	
161	BURNS CARE	
170	CARDIOTHORACIC SURGERY	
171	PAEDIATRIC SURGERY	
172	CARDIAC SURGERY	
173	THORACIC SURGERY	
174	CARDIOTHORACIC TRANSPLANTATION	
180	ACCIDENT & EMERGENCY	
190	ANAESTHETICS	
191	PAIN MANAGEMENT	
192	CRITICAL CARE MEDICINE	
211	PAEDIATRIC UROLOGY	
212	PAEDIATRIC TRANSPLANTATION SURGERY	
213	PAEDIATRIC	

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Value	Description	Notes
	GASTROINTESTINAL SURGERY	
214	PAEDIATRIC TRAUMA AND ORTHOPAEDICS	
215	PAEDIATRIC EAR NOSE AND THROAT	
216	PAEDIATRIC OPHTHALMOLOGY	
217	PAEDIATRIC MAXILLO-FACIAL SURGERY	
218	PAEDIATRIC NEUROSURGERY	
219	PAEDIATRIC PLASTIC SURGERY	
220	PAEDIATRIC BURNS CARE	
221	PAEDIATRIC CARDIAC SURGERY	
222	PAEDIATRIC THORACIC SURGERY	
241	PAEDIATRIC PAIN MANAGEMENT	
242	PAEDIATRIC INTENSIVE CARE	
251	PAEDIATRIC GASTROENTEROLOGY	
252	PAEDIATRIC ENDOCRINOLOGY	
253	PAEDIATRIC CLINICAL HAEMATOLOGY	
254	PAEDIATRIC AUDIOLOGICAL MEDICINE	
255	PAEDIATRIC CLINICAL IMMUNOLOGY AND ALLERGY	
256	PAEDIATRIC INFECTIOUS DISEASES	
257	PAEDIATRIC DERMATOLOGY	
258	PAEDIATRIC RESPIRATORY MEDICINE	
259	PAEDIATRIC NEPHROLOGY	
260	PAEDIATRIC MEDICAL ONCOLOGY	
261	PAEDIATRIC METABOLIC	

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Value	Description	Notes
	DISEASE	
262	PAEDIATRIC RHEUMATOLOGY	
280	PAEDIATRIC INTERVENTIONAL RADIOLOGY	
290	COMMUNITY PAEDIATRICS	
291	PAEDIATRIC NEURO-DISABILITY	
300	GENERAL MEDICINE	
301	GASTROENTEROLOGY	
302	ENDOCRINOLOGY	
303	CLINICAL HAEMATOLOGY	
304	CLINICAL PHYSIOLOGY	
305	CLINICAL PHARMACOLOGY	
306	HEPATOLOGY	
307	DIABETIC MEDICINE	
308	BLOOD AND MARROW TRANSPLANTATION	
309	HAEMOPHILIA	
310	AUDIOLOGICAL MEDICINE	
311	CLINICAL GENETICS	
313	CLINICAL IMMUNOLOGY and ALLERGY	
314	REHABILITATION	
315	PALLIATIVE MEDICINE	
316	CLINICAL IMMUNOLOGY	
317	ALLERGY	
318	INTERMEDIATE CARE	
319	RESPITE CARE	
320	CARDIOLOGY	
321	PAEDIATRIC CARDIOLOGY	
322	CLINICAL MICROBIOLOGY	
323	SPINAL INJURIES	
324	ANTICOAGULANT SERVICE	
330	DERMATOLOGY	

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Value	Description	Notes
340	RESPIRATORY MEDICINE	
341	RESPIRATORY PHYSIOLOGY	
350	INFECTIOUS DISEASES	
352	TROPICAL MEDICINE	
360	GENITOURINARY MEDICINE	
361	NEPHROLOGY	
370	MEDICAL ONCOLOGY	
371	NUCLEAR MEDICINE	
400	NEUROLOGY	
401	CLINICAL NEUROPHYSIOLOGY	
410	RHEUMATOLOGY	
420	PAEDIATRICS	
421	PAEDIATRIC NEUROLOGY	
422	NEONATOLOGY	
424	WELL BABIES	
430	GERIATRIC MEDICINE	
450	DENTAL MEDICINE SPECIALTIES	
460	MEDICAL OPHTHALMOLOGY	
501	OBSTETRICS	
502	GYNAECOLOGY	
503	GYNAECOLOGICAL ONCOLOGY	
510	no longer in use - Record as Obstetrics, antenatal clinic	
520	no longer in use - Record as Obstetrics, postnatal clinic	
560	MIDWIFE EPISODE	
610	no longer in use - Record as Obstetrics	
620	no longer in use - Use the appropriate function under which the patient is treated	
650	PHYSIOTHERAPY	
651	OCCUPATIONAL THERAPY	

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Value	Description	Notes
652	SPEECH AND LANGUAGE THERAPY	
653	PODIATRY	
654	DIETETICS	
655	ORTHOPTICS	
656	CLINICAL PSYCHOLOGY	
700	LEARNING DISABILITY	
710	ADULT MENTAL ILLNESS	
711	CHILD and ADOLESCENT PSYCHIATRY	
712	FORENSIC PSYCHIATRY	
713	PSYCHOTHERAPY	
715	OLD AGE PSYCHIATRY	
720	EATING DISORDERS	
721	ADDICTION SERVICES	
722	LIAISON PSYCHIATRY	
723	PSYCHIATRIC INTENSIVE CARE	
724	PERINATAL PSYCHIATRY	
800	CLINICAL ONCOLOGY (previously RADIOTHERAPY)	
811	INTERVENTIONAL RADIOLOGY	
812	DIAGNOSTIC IMAGING	
822	CHEMICAL PATHOLOGY	
832	no longer in use - Pathology	
840	AUDIOLOGY	
990	no longer in use - Other	

This table should contain and support valid NHS Treatment Function Codes[15].

15 http://www.datadictionary.nhs.uk/web_site_content/supporting_information/main_specialty_and_treatment_function_codes.asp?

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4.17 HL7 Table 0076 - Message type

Used within segment:

MSH - Message Header

Value	Description	Notes
ACK	General acknowledgment message	
ADR	ADT response	
ADT	ADT message	
BAR	Add/change billing account	
CRM	Clinical study registration message	
CSU	Unsolicited study data message	
DFT	Detail financial transactions	
DOC	Document response	
DSR	Display response	
EAC	Automated equipment command message	
EAN	Automated equipment notification message	
EAR	Automated equipment response message	
EDR	Enhanced display response	
EQQ	Embedded query language query	
ERP	Event replay response	
ESR	Automated equipment status update acknowledgement message	
ESU	Automated equipment status update message	
INR	Automated equipment inventory request message	
INU	Automated equipment inventory update message	
LSR	Automated equipment log/service request message	
LSU	Automated equipment log/service update message	

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Value	Description	Notes
MCF	Delayed Acknowledgement (Retained for backward compatibility only)	
MDM	Medical document management	
MFD	Master files delayed application acknowledgment	
MFK	Master files application acknowledgment	
MFN	Master files notification	
MFQ	Master files query	
MFR	Master files response	
NMD	Application management data message	
NMQ	Application management query message	
NMR	Application management response message	
OMD	Dietary order	
OMG	General clinical order message	
OML	Laboratory order message	
OMN	Non-stock requisition order message	
OMP	Pharmacy/treatment order message	
OMS	Stock requisition order message	
ORD	Dietary order - General order acknowledgment message	
ORF	Query for results of observation	
ORG	General clinical order acknowledgement message	
ORL	Laboratory acknowledgement message (unsolicited)	
ORM	Pharmacy/treatment order message	
ORN	Non-stock requisition - General order acknowledgment message	
ORP	Pharmacy/treatment order acknowledgement message	

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Value	Description	Notes
ORR	General order response message response to any ORM	
ORS	Stock requisition - General order acknowledgment message	
ORU	Unsolicited transmission of an observation message	
OSQ	Query response for order status	
OSR	Query response for order status	
OUL	Unsolicited laboratory observation message	
PEX	Product experience message	
PGL	Patient goal message	
PIN	Patient insurance information	
PMU	Add personnel record	
PPG	Patient pathway message (goal-oriented)	
PPP	Patient pathway message (problem-oriented)	
PPR	Patient problem message	
PPT	Patient pathway goal-oriented response	
PPV	Patient goal response	
PRR	Patient problem response	
PTR	Patient pathway problem-oriented response	
QBP	Query by parameter	
QCK	Deferred query	
QCN	Cancel query	
QRY	Query, original mode	
QSB	Create subscription	
QSX	Cancel subscription/acknowledge message	
QVR	Query for previous events	
RAR	Pharmacy/treatment administration information	

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Value	Description	Notes
RAS	Pharmacy/treatment administration message	
RCI	Return clinical information	
RCL	Return clinical list	
RDE	Pharmacy/treatment encoded order message	
RDR	Pharmacy/treatment dispense information	
RDS	Pharmacy/treatment dispense message	
RDY	Display based response	
REF	Patient referral	
RER	Pharmacy/treatment encoded order information	
RGR	Pharmacy/treatment dose information	
RGV	Pharmacy/treatment give message	
ROR	Pharmacy/treatment order response	
RPA	Return patient authorization	
RPI	Return patient information	
RPL	Return patient display list	
RPR	Return patient list	
RQA	Request patient authorization	
RQC	Request clinical information	
RQI	Request patient information	
RQP	Request patient demographics	
RQQ	Event replay query	
RRA	Pharmacy/treatment administration acknowledgement message	
RRD	Pharmacy/treatment dispense acknowledgment message	
RRE	Pharmacy/treatment encoded order acknowledgment message	
RRG	Pharmacy/treatment give acknowledgment message	

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Value	Description	Notes
RRI	Return referral information	
RSP	Segment pattern response	
RTB	Tabular response	
SIU	Schedule information unsolicited	
SPQ	Stored procedure request	
SQM	Schedule query message	
SQR	Schedule query response	
SRM	Schedule request message	
SRR	Scheduled request response	
SSR	Specimen status request message	
SSU	Specimen status update message	
SUR	Summary product experience report	
TBR	Tabular data response	
TCR	Automated equipment test code settings request message	
TCU	Automated equipment test code settings update message	
UDM	Unsolicited display update message	
VQQ	Virtual table query	
VXQ	Query for vaccination record	
VXR	Vaccination record response	
VXU	Unsolicited vaccination record update	
VXX	Response for vaccination query with multiple PID matches	

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4.18 User Table 0078 - Abnormal Flags

Used within segment:

OBX - Observation / Result Segment

Refer to HL7 Chapters:

7.4.2.8

Value	Description	Notes
<	Below absolute low-off instrument scale	
>	Above absolute high-off instrument scale	
A	Abnormal (applies to non-numeric results)	
AA	Very abnormal (applies to non-numeric units, analogous to panic limits for numeric units)	
B	Better--use when direction not relevant	
D	Significant change down	
H	Above high normal	
HH	Above upper panic limits	
I	Intermediate*	
L	Below low normal	
LL	Below lower panic limits	
MS	Moderately susceptible*	
N	Normal (applies to non-numeric results)	
R	Resistant*	
S	Susceptible*	
U	Significant change up	
VS	Very susceptible*	
W	Worse--use when direction not relevant	
UU	Highly Significant Change Up	
DD	Highly Significant Change Down	
C	Significant Change	
CC	Highly Significant Change	

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When no value is provided in the message, then it is interpreted as no range is defined, or normal ranges do not apply.

4.19 HL7 Table 0080 - Nature of abnormal test

Used within segment:

OBX - Observation / Result Segment

Refer to HL7 Chapters:

7.4.2.10

Value	Description	Notes
A	An age-based population	
N	None - generic normal range	
R	A race-based population	
S	A sex-based population	

4.20 HL7 Table 0085 - Observation result status codes interpretation

Used within segment:

OBX - Observation / Result Segment

Refer to HL7 Chapters:

7.4.2.11

Value	Description	Notes
C	Record coming over is a correction and thus replaces a final result	
D	Deletes the OBX record	
F	Final results; Can only be changed with a corrected result.	
I	Specimen in lab; results pending	
N	Not asked; used to affirmatively document that the observation identified in the OBX was not sought when the universal service ID in OBR-4 implies that it would be sought.	
O	Order detail description only (no result)	

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P	Preliminary results	
R	Results entered -- not verified	
S	Partial results	
U	Results status change to final without retransmitting results already sent as 'preliminary.' E.g., radiology changes status from preliminary to final	
W	Post original as wrong, e.g., transmitted for wrong patient	
X	Results cannot be obtained for this observation	

4.21 User Table 0088 - Procedure Code

Used within segment:

PR1 –Procedures

Refer to HL7 Chapters:

6.5.4.3

This table should contain and support valid primary NHS Procedure codes[16]. The current NHS coding standard for Diagnosis Codes is the Classification of Interventions and Procedures standard, OPCS-4.5[17].

4.22 HL7 Table 0091 - Query priority

Used within segment:

RCP - response control parameter segment

Refer to HL7 Chapters:

5.5.5.1

Value	Description	Notes
D	Deferred	
I	Immediate	

[16] http://www.datadictionary.nhs.uk/data_dictionary/attributes/c/cla/clinical_classification_code_de.asp?

[17] http://www.datadictionary.nhs.uk/web_site_content/supporting_information/clinical_coding/opcs_classification_of_interventions_and_procedures.asp?

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4.23 User Table 0092 - Readmission Indicator

Used within segment:

PV1 - Patient Visit (HL7 ref 3.4.3)

Refer to HL7 Chapters:

3.4.3.13

Value	Description	Notes
R	Readmission	

4.24 User Table 0099 - VIP indicator

Used within segment:

PV1 - Patient Visit (HL7 ref 3.4.3)

Refer to HL7 Chapters:

3.4.3.16

Value	Description	Notes
I	Invalid	
N	Not stop noted	
S	Sensitive	
Y	Stop noted	

This table originates from the PDS data item, Information Sensitivity Indicator[18].

4.25 HL7 Table 0102 - Delayed acknowledgment type

Used within segment:

MSA - message acknowledgment segment

Refer to HL7 Chapters:

2.16.8.6

Value	Description	Notes
D	Message received, stored for later processing	
F	acknowledgment after processing	

4.26 HL7 Table 0104 - Version ID

Used within segment:

MSH - Message Header

[18] http://systems.hscic.gov.uk/demographics/pds/contents

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Refer to HL7 Chapters:

2.16.8.6

Value	Description	Notes
2	Release 2.0	
2.0D	Demo 2.0	
2.1	Release 2. 1	
2.2	Release 2.2	
2.3	Release 2.3	
2.3.1	Release 2.3.1	
2.4	Release 2.4	

4.27 User Table 0112 - Discharge disposition

Used within segments:

PV1 - Patient Visit (HL7 ref 3.4.3)

PV2 - Additional Patient Visit (HL7 ref 3.4.4)

Refer to HL7 Chapters:

3.4.3.36

Value	Description	Notes
3	No Follow Up Required	
2	GP Follow Up	
12	Left Department Before Treatment	
13	Left Department - Refused Treatment	
14	Other	
4	Referred to A&E Clinic	
6	Referral to Outpatient Clinic	
5	Stillbirth	
11	Referred to Other Health Care Profession	
7	Transferred to Other Health Care Provide	
10	Died in Department	
1	Admitted as inpatient	

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8	Not applicable	Hospital Provider Spell not yet finished (i.e. not discharged)
9	Not known	To be used when data enterer has tried to get information but it is not known for any reason.

This table has values from data dictionary Accident and Emergency Attendance[19], Discharge Method (Admitted Patient care – Inpatient/Day case) respectively[20].

4.28 User Table 0113 - Discharge to location

Used within segments:

PV1 - Patient Visit (HL7 ref 3.4.3)

PV2 - Additional Patient Visit (HL7 ref 3.4.4)

Refer to HL7 Chapters:

3.4.3.36

Value	Description	Notes
19	Usual place of residence unless listed below, for example, a private dwelling whether owner occupied or owned by local authority, housing association or other landlord. This includes wardened accommodation but not residential accommodation where health care is provided. It also includes PATIENTS with no fixed abode.	
29	Temporary place of residence when usually resident elsewhere (includes hotel, residential educational establishment)	
30	Repatriation from high security psychiatric accommodation in an NHS hospital provider (NHS trust)	
37	Court	
38	Penal establishment or police station	
48	High Security Psychiatric Hospital, Scotland	

[19] http://www.datadictionary.nhs.uk/data_dictionary/attributes/a/a_and_e_attendance_disposal_de.asp

[20] http://www.datadictionary.nhs.uk/data_dictionary/attributes/d/disc/discharge_method_de.asp

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Value	Description	Notes
49	NHS other hospital provider - high security psychiatric accommodation	
50	NHS other hospital provider - medium secure unit	
51	NHS other hospital provider - ward for general patients or the younger physically disabled	
52	NHS other hospital provider - ward for maternity patients or neonates	
53	NHS other hospital provider - ward for patients who are mentally ill or have learning disabilities	
54	NHS run care home	
65	Local Authority residential accommodation ie where care is provided	
66	Local Authority foster care	
79	Not applicable - patient died or still birth	
84	Non-NHS run hospital - medium secure unit	
85	Non-NHS (other than Local Authority) run care home	
79	Not applicable - patient died or still birth	
84	Non-NHS run hospital - medium secure unit	
85	Non-NHS (other than Local Authority) run care home	
87	Non-NHS run hospital	
88	Non-NHS (other than Local Authority) run Hospice	
98	Not applicable	Hospital provider spell not finished at episode end (i.e. not discharged, or current episode unfinished)
99	Not known	To be used when data enterer has tried to get information but it is not known for any reason.

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The destination of a patient on completion of a Hospital Provider Spell, or a note that the patient died or was a still birth.

This table should contain and support valid Discharge Destination codes[21].

4.29 User Table 0114 - Diet type

Used within segment:

PV1 - Patient Visit (HL7 ref 3.4.3)

Refer to HL7 Chapter:

3.4.3.38

Value	Description	Notes
1	Non-specific	
02A	Healthcare Prescribed - Gluten Free Diet	Healthcare Prescribed
02B	Healthcare Prescribed - Wheat Free Diet	Healthcare Prescribed
02C	Healthcare Prescribed - Diabetic Diet	Healthcare Prescribed
02Z	Healthcare Prescribed - Other (specify)	Healthcare Prescribed
03A	Non Healthcare Prescribed - Weight loss diet	Non Healthcare Prescribed
03B	Non Healthcare Prescribed - Weight gain diet	Non Healthcare Prescribed
03C	Non Healthcare Prescribed - Vegetarian diet	Non Healthcare Prescribed
03D	Non Healthcare Prescribed - Vegan diet	Non Healthcare Prescribed
03E	Non Healthcare Prescribed - Halal Diet	Non Healthcare Prescribed
03F	Non Healthcare Prescribed - Kosher Diet	Non Healthcare Prescribed
03Z	Non Healthcare Prescribed - Other (specify)	Non Healthcare Prescribed
98	Other (specify)	
99	Not known	

[21] http://www.datadictionary.nhs.uk/data_dictionary/attributes/d/disc/discharge_destination_de.asp

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Please note that these values may be subject to change.

4.30 HL7 Table 0125 - Value type

Used within segment:

OBX - Observation / Result Segment

Refer to HL7 Chapter:

7.4.2.2

Value	Description	Notes
AD	Address	
CE	Coded Entry	
CF	Coded Element With Formatted Values	
CK	Composite ID With Check Digit	
CN	Composite ID And Name	
CP	Composite Price	
CX	Extended Composite ID With Check Digit	
DT	Date	
ED	Encapsulated Data	
FT	Formatted Text (Display)	
MO	Money	
NM	Numeric	
PN	Person Name	
RP	Reference Pointer	
RP	Reference Pointer	
SN	Structured Numeric	
ST	String Data.	
TM	Time	
TN	Telephone Number	
TS	Time Stamp (Date & Time)	
TX	Text Data (Display)	
XAD	Extended Address	
XCN	Extended Composite Name And Number For Persons	
XCN	Extended Composite Name And	

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Value	Description	Notes
	Number For Persons	
XON	Extended Composite Name And Number For Organizations	
XPN	Extended Person Name	
XTN	Extended Telecommunications Number	

4.31 HL7 Table 0126 - Quantity limited request

Used within segment:

RCP - response control parameter segment

Refer to HL7 Chapter:

5.5.5.2

Value	Description	Notes
CH	Characters	
LI	Lines	
PG	Pages	
RD	Records	
ZO	Locally defined	

4.32 User Table 0127 - Allergy type

Used within segment:

AL1 - Additional Patient Visit (HL7 ref 3.5.6)

Refer to HL7 Chapter:

3.5.6.2

Value	Description	Notes
AA	Animal Allergy	
DA	Drug allergy	
EA	Environmental Allergy	
IO	Iodine	
OC	Organic Chemicals	
IC	Inorganic Chemicals	
IN	Insects	

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FA	Food allergy	
LA	Pollen Allergy	
MA	Miscellaneous allergy	
MC	Miscellaneous contraindication	
PA	Plant Allergy	

4.33 User Table 0128 - Allergy severity

Used within segment:

AL1 - Additional Patient Visit (HL7 ref 3.5.6)

Refer to HL7 Chapter:

3.5.6.4

Value	Description	Notes
0	Unknown	
1	Insignificant/Minimal	
3	Mild	
5	Moderate	
7	Moderate-Severe	
9	Very Severe	

4.34 User Table 0131 - Contact Role

Used within segment:

NK1 - Next of Kin (NOK) / Associated Parties (AP) (HL7 ref 3.4.3)

Refer to HL7 Chapter:

A.4.3.6

Until suitable values are available to represent contact role, this table should use all values used within HL7 Table 0063 - Relationship, sourced from the PDS data item Relationship Type, Person Demographics Service (PDS).

4.35 HL7 Table 0136 - Yes/no indicator

Value	Description	Notes
N	No	
Y	Yes	

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4.36 User Table 0171 - Citizenship (Overseas Visitor Status)

Used within segments:

PID - Patient Identification (HL7 ref 3.5.2)

ZU1 - UK Additional Data (HL7 ref A.4.3.1)

Refer to HL7 Chapter:

3.5.2.26, A.4.3.1.10

Value	Description	Notes
1	Exempt from payment - subject to reciprocal health agreement	
2	Exempt from payment - other	
3	To pay hotel fees only	
4	To pay all fees	
9	Charging rate not known	
8	Not applicable	Not an Overseas Visitor

NHS organisations must determine eligibility for free treatment for patients. This is done normally by a questionnaire based upon Department of Health Guidance[22], that results in an Overseas Visitors Status being assigned.

The above table was sourced from the NHS Data Model and Dictionary (NHS DD) attribute Overseas Visitor Status Classification[23].

4.37 User Table 0189 - Ethnic group

Used within segment:

PID - Patient Identification (HL7 ref 3.5.2)

Refer to HL7 Chapter:

3.5.2.22

Value	Description	Notes
A	British	White
B	Irish	White
C	Any other White background	White

[22] http://www.dh.gov.uk/en/Healthcare/Entitlementsandcharges/OverseasVisitors/Browsable/DH_074373

[23] http://www.datadictionary.nhs.uk/data_dictionary/attributes/o/out/overseas_visitors_status_classification_de.asp?

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Value	Description	Notes
D	White and Black Caribbean	Mixed
E	White and Black African	Mixed
F	White and Asian	Mixed
G	Any other mixed background	Mixed
H	Indian	Asian or Asian British
J	Pakistani	Asian or Asian British
K	Bangladeshi	Asian or Asian British
L	Any other Asian background	Asian or Asian British
M	Caribbean	Black or Black British
N	African	Black or Black British
P	Any other Black background	Black or Black British
R	Chinese	Other Ethnic Groups
S	Any other ethnic group	Other Ethnic Groups
Z	Not stated	
99	Not known	To be used when data enterer has tried to get information but it is not known for any reason.

The above table was sourced from the NHS Data Model and Dictionary attribute Ethnic Category Code[24]. This is based on the classification used in the e-GIF/GDSC data element Person Ethnicity[25] and for the 2001 UK census. These values are subject to change due to the possibility of new classifications, to be used for the 2011 census.

Status:

HL7-UK A2	*Differs - Discuss with HL7-UK A2 to reflect the NHS*
IHE TF	*Differs - Discuss with IHE-UK to reflect the NHS*

The following table indicates a mapping from the User table 0189 to the above values.

HL7 Value	*HL7 Description*	*NHS value*	*NHS Description*
H	Hispanic or Latino	S	Any other ethnic group
N	Not Hispanic or Latino	S	Any other ethnic group
U	Unknown	Z	Not stated

[24] http://www.datadictionary.nhs.uk/data_dictionary/attributes/e/enh/ethnic_category_code_de.asp?

[25] http://www.govtalk.gov.uk/gdsc/html/frames/PersonEthnicity-1-0-Draft.htm

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4.38 HL7 Table 0190 - Address type

Used within datatypes:

Patient Address (XAD)

XAD – Extended Address

Value	Description	Notes
B	Firm/Business	
BA	Bad address	
BDL	Birth delivery location (address where birth occurred)	
BR	Residence at birth (home address at time of birth)	
C	Current Or Temporary	
F	Country Of Origin	
H	Home	
L	Legal Address	
M	Mailing	
N	Birth (nee) (birth address, not otherwise specified)	
O	Office	
P	Permanent	
RH	Registry home. Refers to the information system, typically managed by a public health agency, that stores patient information such as immunization histories or cancer data, regardless of where the patient obtains services.	

Status:

HL7-UK A2	*Differs - Discuss with HL7-UK A2 to reflect the NHS*
IHE TF	*Differs - Discuss with IHE-UK to reflect the NHS*

The following table indicates a mapping from the HL7 table 0190 to these values based on the Person Demographics Service (PDS) data item Name Type.

HL7 Value	*HL7 Description*	*NHS value*	*NHS Description*
B	Firm/Business		
BA	Bad address		

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HL7 Value	*HL7 Description*	*NHS value*	*NHS Description*
BDL	Birth delivery location (address where birth occurred)		
BR	Residence at birth (home address at time of birth)		
C	Current Or Temporary	“TMP”	Temporary Address
F	Country Of Origin		
H	Home	"H"	Home Address
L	Legal Address		
M	Mailing	“PST”	Postal Address
N	Birth (nee) (birth address, not otherwise specified)		
O	Office		
P	Permanent		
RH	Registry home. Refers to the information system, typically managed by a public health agency, that stores patient information such as immunization histories or cancer data, regardless of where the patient obtains services.		

4.39 HL7 Table 0200 - Name type

Used within datatypes:

Patient Alias (XPN)

XPN – Extended Person Name

Value	Description	Notes
A	Alias Name	
B	Name at Birth	
C	Adopted Name	
D	Display Name	
I	Licensing Name	
L	Legal Name	
M	Maiden Name	
N	Nickname /"Call me" Name/Street Name	
P	Name of Partner/Spouse (retained for backward compatibility only)	

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R	Registered Name (animals only)	
S	Coded Pseudo-Name to ensure anonymity	
T	Indigenous/Tribal/Community Name	
U	Unspecified	

The following table indicates a mapping from the HL7 table 0200 to these values based on the Person Demographics Service (PDS).

HL7 Value	*HL7 Description*	*NHS value*	*NHS Description*
A	Alias Name	A	Alias name
B	Name at Birth	PREVIOUS-BIRTH	Birth name
C	Adopted Name		
D	Display Name		
I	Licensing Name		
L	Legal Name		
M	Maiden Name	PREVIOUS-MAIDEN	Maiden name
N	Nickname /"Call me" Name/Street Name	PREFERRED	Preferred name
P	Name of Partner/Spouse (retained for backward compatibility only)		
R	Registered Name (animals only)		
S	Coded Pseudo-Name to ensure anonymity		
T	Indigenous/Tribal/Community Name		
U	Unspecified	PREVIOUS	Other previous name

4.40 HL7 Table 0201 - Telecommunication use code

Used within datatypes:

Phone Number – Home (XTN)

Phone Number – Business (XTN)

XTN – Extended Telecommunication Number

Value	Description	Notes
ASN	Answering Service Number	
BPN	Beeper Number	

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EMR	Emergency Number	
NET	Network (email) Address	
ORN	Other Residence Number	
PRN	Primary Residence Number	
VHN	Vacation Home Number	
WPN	Work Number	

Status:

HL7-UK A2	*Differs - Discuss with HL7-UK A2 to reflect the NHS*
IHE TF	*Differs - Discuss with IHE-UK to reflect the NHS*

The following table indicates a mapping from the HL7 table 0201 to these values based on the Person Demographics Service (PDS) data item Telecom Usage.

HL7 Value	*HL7 Description*	*NHS value*	*NHS Description*
ASN	Answering Service Number	AS	An automated answering machine
BPN	Beeper Number	PG	A paging device suitable to solicit a callback or to leave a very short message
EMR	Emergency Number	EC	A contact specifically designated to be used for emergencies
NET	Network (email) Address		
ORN	Other Residence Number	HP	The primary home, to reach a person after business hours
PRN	Primary Residence Number	H	A communication address at a home
VHN	Vacation Home Number	HV	A vacation home, to reach a person while on vacation
WPN	Work Number	WP	An office address
		MC	A telecommunication device that moves and stays with its owner

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4.41 HL7 Table 0202 - Telecommunication equipment type

Used within datatypes:

Phone Number – Home (XTN)

Phone Number – Business (XTN)

XTN – Extended Telecommunication Number

Value	Description	Notes
BP	Beeper	
CP	Cellular Phone	
FX	Fax	
Internet	Internet Address: Use Only If Telecommunication Use Code Is NET	
MD	Modem	
PH	Telephone	
X.400	X.400 email address: Use Only If Telecommunication Use Code Is NET	

Status:

HL7-UK A2	*Differs - Discuss with HL7-UK A2 to reflect the NHS*
IHE TF	*Differs - Discuss with IHE-UK to reflect the NHS*

The following table indicates a mapping from the HL7 table 0202 to these values based on the Person Demographics Service data item Communication contact method (PDS).

HL7 Value	*HL7 Description*	*NHS value*	*NHS Description*
BP	Beeper	textphone	By textphone
CP	Cellular Phone	tel	By telephone
FX	Fax	fax	By fax
Internet	Internet Address: Use Only If Telecommunication Use Code Is NET		
MD	Modem	fax	By fax
PH	Telephone	tel	By telephone
X.400	X.400 email address: Use Only If Telecommunication Use Code Is NET	mailto	By e-mail

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4.42 User Table 0204 - Organizational name type

Used within datatypes:

Patient Primary Facility (XON)

XON – Extended Composite Name and Identification Number for Organisations

Value	Description	Notes
A	Alias name	
D	Display name	
L	Legal name	
SL	Stock exchange listing name	

4.43 HL7 Table 0208 - Query response status

Used within segment:

QAK- query acknowledgment segment

Refer to HL7 Chapter:

5.5.2.2

Value	Description	Notes
AE	Application error	
AR	Application reject	
NF	No data found, no errors	
OK	Data found, no errors (this is the default)	

4.44 HL7 Table 0211 - Character set

Value	Description	Notes
8859/1	The printable characters from the ISO 8859/1 Character set	
8859/2	The printable characters from the ISO 8859/2 Character set	
8859/3	The printable characters from the ISO 8859/3 Character set	
8859/4	The printable characters from the ISO 8859/4 Character set	
8859/5	The printable characters from the ISO 8859/5 Character set	

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Value	Description	Notes
8859/6	The printable characters from the ISO 8859/6 Character set	
8859/7	The printable characters from the ISO 8859/7 Character set	
8859/8	The printable characters from the ISO 8859/8 Character set	
8859/9	The printable characters from the ISO 8859/9 Character set	
ASCII	The printable 7-bit ASCII character set. (This is the default if this field is omitted)	
ISO IR14	Code for Information Exchange (one byte)(JIS X 0201-1976). Note that the code contains a space, i.e. "ISO IR14".	
ISO IR159	Code of the supplementary Japanese Graphic Character set for information interchange (JIS X 0212-1990). Note that the code contains a space, i.e. "ISO IR159".	
ISO IR87	Code for the Japanese Graphic Character set for information interchange (JIS X 0208-1990), Note that the code contains a space, i.e. "ISO IR87".	
UNICODE	The world wide character standard from ISO/IEC 10646-1-19931	

4.45 User Table 0212 – Nationality

Used within segment and data type:

PID – Patient Identification (HL7 ref 3.5.2)

Nationality (CE)

Refer to HL7 Chapter:

3.5.2.28

This field identifies the nation or national grouping to which the person belongs. This information may be different from a person’s citizenship in countries in which multiple nationalities are recognized (for example, Spain: Basque, Catalan, etc.).

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However until suitable values are available to represent nationality, this table should use all values used within HL7 Table 0399 - Country code, sourced from the International Standard ISO 3166-1 Alpha 3 codes.

4.46 User Table 0217 - Visit priority code

Used within segment:

PV2 – Additional Patient Visit (HL7 ref 3.4.4).

Refer to HL7 Chapter:

3.4.4.25

Value	Description	Notes
1	Emergency	
2	Urgent	
3	Elective	

4.47 User Table 0220 - Living arrangement

Used within segment:

PD1 – Patient Identification (HL7 ref 3.5.8)

Refer to HL7 Chapter:

3.5.8.2

Value	Description	Notes
A	Alone	
F	Family	
I	Institution	
R	Relative	
S	Spouse Only	
U	Unknown	

4.48 User Table 0228 - Diagnosis classification

Used within segment:

DG1 – Diagnostic Information

Refer to HL7 Chapter:

6.5.2.17

Value	Description	Notes
C	Consultation	
D	Diagnosis	
I	Invasive procedure not classified	

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	elsewhere (I.V., catheter, etc.)	
M	Medication (antibiotic)	
O	Other	
R	Radiological scheduling (not using ICDA codes)	
S	Sign and symptom	
T	Tissue diagnosis	

4.49 User Table 0230 - Procedure functional type

Used within segment:

PR1 –Procedures

Refer to HL7 Chapter:

6.5.4.6

Value	Description	Notes
D	Diagnostic procedure	
A	Anaesthesia	
I	Invasive procedure not classified elsewhere (e.g., IV, catheter, etc.)	
P	Procedure for treatment (therapeutic, including operations)	

4.50 User Table 0277 - Appointment type codes

Used within segment:

ZU3 – UK Additional Data – Attendance Details (HL7 ref A.4.3.3)

Refer to HL7 Chapter:

A.4.3.3.8

Value	Description	Notes
Complete	A request to add a completed appointment, used to maintain records of completed appointments that did not appear in the schedule (e.g., STAT, walk-in, etc.)	
Normal	Routine schedule request type - default if not valued	
Tentative	A request for a tentative (e.g., "pencilled in") appointment	

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4.51 User Table 0289 - County/parish code

Used within datatype:

Patient Address (XAD)

This table should contain and support valid 3 characters ODS NHS Strategic Health Authority (SHA) Codes to indicate the unique identifier of Health Authority of Residence (HAR) the patient belongs to. Valid NHS SHA codes[26] can be found on the ODS downloads site.

4.52 User Table 0296 - Primary language

Used within segments and datatype:

PID – Patient Identification (HL7 ref 3.5.2)

NK1 – Next of Kin (NOK) / Associated Parties (AP) (HL7 ref 3.4.3)

Primary Language – Patient

Refer to HL7 Chapter:

3.5.2.15

Value	Description	Notes
q1	Braille	This will not flow to PDS
q2	American Sign Language	This will not flow to PDS
q3	Australian.Sign Language	This will not flow to PDS
q4	British Sign Language	This will not flow to PDS
q5	Makaton	This will not flow to PDS
aa	Afar	
ab	Abkhazian	
ae	Avestan	
af	Afrikaans	
ak	Akan	
am	Amharic	
an	Aragonese	
ar	Arabic	
as	Assamese	
av	Avaric	
ay	Aymara	

[26] http://systems.hscic.gov.uk/data/ods

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Value	Description	Notes
az	Azerbaijani	
ba	Bashkir	
be	Belarusian	
bg	Bulgarian	
bh	Bihari languages	
bi	Bislama	
bm	Bambara	
bn	Bengali	
bo	Tibetan	
br	Breton	
bs	Bosnian	
ca	Catalan; Valencian	
ce	Chechen	
ch	Chamorro	
co	Corsican	
cr	Cree	
cs	Czech	
cu	Church Slavic; Old Slavonic; Church Slavonic; Old Bulgarian; Old Church Slavonic	
cv	Chuvash	
cy	Welsh	
da	Danish	
de	German	
dv	Divehi; Dhivehi; Maldivian	
dz	Dzongkha	
ee	Ewe	
el	Greek, Modern (1453-)	
en	English	
eo	Esperanto	
es	Spanish; Castilian	
et	Estonian	

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Value	Description	Notes
eu	Basque	
fa	Persian	
ff	Fulah	
fi	Finnish	
fj	Fijian	
fo	Faroese	
fr	French	
fy	Western Frisian	
ga	Irish	
gd	Gaelic; Scottish Gaelic	
gl	Galician	
gn	Guarani	
gu	Gujarati	
gv	Manx	
ha	Hausa	
he	Hebrew	
hi	Hindi	
ho	Hiri Motu	
hr	Croatian	
ht	Haitian; Haitian Creole	
hu	Hungarian	
hy	Armenian	
hz	Herero	
ia	Interlingua (International Auxiliary Language Association)	
id	Indonesian	
ie	Interlingue; Occidental	
ig	Igbo	
ii	Sichuan Yi; Nuosu	
ik	Inupiaq	
io	Ido	
is	Icelandic	

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Value	Description	Notes
it	Italian	
iu	Inuktitut	
ja	Japanese	
jv	Javanese	
ka	Georgian	
kg	Kongo	
ki	Kikuyu; Gikuyu	
kj	Kuanyama; Kwanyama	
kk	Kazakh	
kl	Kalaallisut; Greenlandic	
km	Central Khmer	
kn	Kannada	
ko	Korean	
kr	Kanuri	
ks	Kashmiri	
ku	Kurdish	
kv	Komi	
kw	Cornish	
ky	Kirghiz; Kyrgyz	
la	Latin	
lb	Luxembourgish; Letzeburgesch	
lg	Ganda	
li	Limburgan; Limburger; Limburgish	
ln	Lingala	
lo	Lao	
lt	Lithuanian	
lu	Luba-Katanga	
lv	Latvian	
mg	Malagasy	
mh	Marshallese	
mi	Maori	
mk	Macedonian	

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Value	Description	Notes
ml	Malayalam	
mn	Mongolian	
mr	Marathi	
ms	Malay	
mt	Maltese	
my	Burmese	
na	Nauru	
nb	Bokmål, Norwegian; Norwegian Bokmål	
nd	Ndebele, North; North Ndebele	
ne	Nepali	
ng	Ndonga	
nl	Dutch; Flemish	
nn	Norwegian Nynorsk; Nynorsk, Norwegian	
no	Norwegian	
nr	Ndebele, South; South Ndebele	
nv	Navajo; Navaho	
ny	Chichewa; Chewa; Nyanja	
oc	Occitan (post 1500)	
oj	Ojibwa	
om	Oromo	
or	Oriya	
os	Ossetian; Ossetic	
pa	Panjabi; Punjabi	
pi	Pali	
pl	Polish	
ps	Pushto; Pashto	
pt	Portuguese	
qu	Quechua	
rm	Romansh	
rn	Rundi	

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Value	Description	Notes
ro	Romanian; Moldavian; Moldovan	
ru	Russian	
rw	Kinyarwanda	
sa	Sanskrit	
sc	Sardinian	
sd	Sindhi	
se	Northern Sami	
sg	Sango	
si	Sinhala; Sinhalese	
sk	Slovak	
sl	Slovenian	
sm	Samoan	
sn	Shona	
so	Somali	
sq	Albanian	
sr	Serbian	
ss	Swati	
st	Sotho, Southern	
su	Sundanese	
sv	Swedish	
sw	Swahili	
ta	Tamil	
te	Telugu	
tg	Tajik	
th	Thai	
ti	Tigrinya	
tk	Turkmen	
tl	Tagalog	
tn	Tswana	
to	Tonga (Tonga Islands)	
tr	Turkish	
ts	Tsonga	

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Value	Description	Notes
tt	Tatar	
tw	Twi	
ty	Tahitian	
ug	Uighur; Uyghur	
uk	Ukrainian	
ur	Urdu	
uz	Uzbek	
ve	Venda	
vi	Vietnamese	
vo	Volapük	
wa	Walloon	
wo	Wolof	
xh	Xhosa	
yi	Yiddish	
yo	Yoruba	
za	Zhuang; Chuang	
zh	Chinese	
zu	Zulu	

The above table is sourced from a combination of International Standard ISO 639-1 and five additional codes, prefixed with q, specially provided to represent non spoken languages. These five additional codes are not supported by the NHS Person Demographics Service (PDS) and exist only to be stored in and communicated between local systems.

4.53 User Table 0340 - Procedure Code modifier

Used within segment:

PR1 –Procedures

Refer to HL7 Chapter:

6.5.4.16

This table should contain and support valid NHS Procedure codes[27] that are supplementary to the primary Procedure Code in User Table 88. The current NHS coding standard for

[27] http://www.datadictionary.nhs.uk/data_dictionary/attributes/c/cla/clinical_classification_code_de.asp?

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Diagnosis Codes is the Classification of Interventions and Procedures standard, OPCS-4.5[28].

4.54 HL7 Table 0356 - Alternate character set handling scheme

Used within segment:

MSH – Message Header

Value	Description	Notes
2.3	The character set switching mode specified in HL7 2.3, sections 2.8.28.6.1, and 2.9.2. Note that the escape sequences used in this mode do not use the ASCII "esc" character. They are "HL7 escape sequences" as defined in HL7 2.3, sec. 2.9 as defined in I	
ISO 2022-1994	This standard is titled "Information Technology - Character Code Structure and Extension Technique". This standard specifies an escape sequence from basic one byte character set to specified other character set, and vice versa.	

When no value is provided in the message which is default indicates that there is no character set switching occurring in this message.

4.55 HL7 Table 0357 - Message error condition codes

Used within segment:

MSA - message acknowledgment segment

Refer to HL7 Chapter:

2.16.8.7

Value	Description	Notes
0	Message accepted	
100	Segment sequence error	
101	Required field missing	
102	Data type error	

28 http://www.datadictionary.nhs.uk/web_site_content/supporting_information/clinical_coding/opcs_classification_of_interventions_and_procedures.asp?

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Value	Description	Notes
103	Table value not found	
200	Unsupported message type	
201	Unsupported event code	
202	Unsupported processing id	
203	Unsupported version id	
204	Unknown key identifier	
205	Duplicate key identifier	
206	Application record locked	
207	Application internal error	

4.56 HL7 Table 0359 - Diagnosis priority

Used within segment:

MSA - message acknowledgment segment

Refer to HL7 Chapter:

6.5.2.15

Value	Description	Notes
0	Not included in diagnosis ranking	
1	The primary diagnosis	
2	For ranked secondary diagnoses	

4.57 User Table 0361 - Sending/receiving application

Used within segment:

MSH – Message Header

Value	Description	Notes
ROUTE		The toolkit will take responsibility for onward routing.

There are currently no suggested values for this release. Until nationally agreed values are provided, local values should be used.

Where the message is being broadcast by PAS to a number of consumer systems via the toolkit, this field should be populated with ‘ROUTE’ to indicate that the toolkit will take responsibility for onward routing.

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4.58 User Table 0362 - Sending/receiving facility

Used within segment:

MSH – Message Header

Refer to HL7 Chapter:

Value	Description	Notes
ROUTE		The toolkit will take responsibility for onward routing.

This table should contain and support valid 5 characters ODS NHS Organisation Site Codes to indicate the unique identifier of the healthcare site the patient has been discharged to. Valid NHS Organisation site codes[29] can be found on the ODS downloads site.

Where the message is being broadcast by PAS to a number of consumer systems via the toolkit, this field should be populated with 'ROUTE' to indicate that the toolkit will take responsibility for onward routing.

4.59 User Table 0363 - Assigning authority

Used within datatypes:

Patient Identifiers (CX)

Patient Account Number (CX)

Mother's Identifier (CX)

CX – Extended Composite ID with Check Digit

XCN – Extended Composite ID Number and Name for Persons

XON – Extended Composite Name and Identification Number for Organisations

Value	Description	Notes
NHS	NHS Number	

Note - Use 'NHS' when ID type is NHS Number otherwise use local system code. Local code use will require mutual agreement between participating systems.

[29] http://systems.hscic.gov.uk/data/ods

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4.60 HL7 Table 0391 - Segment group

Used within segment:

RCP – response control parameter segment

Refer to HL7 Chapter:

3.5.2.15

Value	Description	Notes
OBRG	OBR group	
ORCG	ORC group	
PIDG	PID group	
RXAG	RXA group	
RXDG	RXD group	
RXEG	RXE group	
RXOG	RXO group	

4.61 HL7 Table 0392 - Match reason

Used within segment:

QRI – query response instance segment

Refer to HL7 Chapter:

5.5.4.2

Value	Description	Notes
DB	Match on Date of Birth	
NA	Match on Name (Alpha Match)	
NP	Match on Name (Phonetic Match)	
SS	Match on Social Security Number	

4.62 User Table 0393 - Match algorithms

Used within segment:

QRI – query response instance segment

Refer to HL7 Chapter:

5.5.4.3

Value	Description	Notes
LINKSOFT_2.01	LINKSOFT_2.01	
MATCHWARE_1.2	MATCHWARE_1.2	

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4.63 HL7 Table 0394 - Response modality

Used within segment:

RCP – response control parameter segment

Refer to HL7 Chapter:

5.5.5.3

Value	Description	Notes
B	Batch	
R	Real Time	
T	Bolus (a series of responses sent at the same time without use of batch formatting)	

4.64 HL7 Table 0395 - Modify indicator

Used within segment:

RCP – response control parameter segment

Refer to HL7 Chapter:

5.5.5.5

Value	Description	Notes
M	Modified Subscription	
N	New Subscription	

4.65 User Table 0396 - Coding System

Value	Description	Notes
L	Local general code	
ACR	American College of Radiology finding codes	
ART	WHO Adverse Reaction Terms	
AS4	ASTM E1238/ E1467 Universal	
AS4E	AS4 Neurophysiology Codes	
ATC	American Type Culture Collection	
C4	CPT-4	
C5	CPT-5	
CAS	Chemical abstract codes	

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Value	Description	Notes
CD2	CDT-2 Codes	
CDCA	CDC Analyte Codes	
CDCM	CDC Methods/Instruments Codes	
CDS	CDC Surveillance	
CE	CEN ECG diagnostic codes	
CLP	CLIP	
CPTM	CPT Modifier Code	
CST	COSTART	
CVX	CDC Vaccine Codes	
DCL	DICOM Class Label	
DCM	DICOM modality codes	
DQL	DICOM Query Label	
E	EUCLIDES	
E5	Euclides quantity codes	
E6	Euclides Lab method codes	
E7	Euclides Lab equipment codes	
ENZC	Enzyme Codes	
FDDC	First DataBank Drug Codes	
FDDX	First DataBank Diagnostic Codes	
FDK	FDA K10	
HB	HIBCC	
HCPCS	HCFA Common Procedure Coding System	
HHC	Home Health Care	
HI	Health Outcomes	
HPC	HCFA Procedure Codes (HCPCS)	
I10	ICD-10	
I10P	ICD-10 Procedure Codes	
I9	ICD9	
I9C	ICD-9CM	
IBT	ISBT	
IC2	ICHPPC-2	

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Value	Description	Notes
ICDO	International Classification of Diseases for Oncology	
ICS	ICCS	
ICSD	International Classification of Sleep Disorders	
IUPC	IUPAC/IFCC Component Codes	
IUPP	IUPAC/IFCC Property Codes	
JC8	Japanese Chemistry	
LB	Local billing code	
LN	Logical Observation Identifier Names and Codes (LOINC(r))	
MCD	Medicaid	
MCR	Medicare	
MDDX	Medispan Diagnostic Codes	
MEDC	Medical Economics Drug Codes	
MEDR	Medical Dictionary for Drug Regulatory Affairs (MEDDRA)	
MEDX	Medical Economics Diagnostic Codes	
MGPI	Medispan GPI	
MVX	CDC Vaccine Manufacturer Codes	
NDA	NANDA	
NDC	National drug codes	
NIC	Nursing Interventions Classification	
NPI	National Provider Identifier	
OHA	Omaha System	
OPCS4	Office of Population, Censuses and Surveys Classification of Surgical Operations and Procedures (OPCS) – 4th revision	
POS	POS Codes	
RC	Read Classification	
SDM	SNOMED- DICOM Microglossary	
SNM	Systemized Nomenclature of Medicine (SNOMED)	

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Value	Description	Notes
SNM3	SNOMED International	
SNCT	Systemized Nomenclature of Medicine Clinical Terms (SNOMED-CT)	
SNT	SNOMED topology codes (anatomic sites)	
UC	UCDS	
UMD	MDNS	
UML	Unified Medical Language	
UPC	Universal Product Code	
UPIN	UPIN	
W1	WHO record # drug codes (6 digit)	
W2	WHO record # drug codes (8 digit)	
W4	WHO record # code with ASTM extension	
WC	WHO ATC	

99zzz is also used as local code where zzz is an alphanumeric characters.

HL7nnnn is used for HL7 Defined Codes where nnnn is the HL7 table number.

ISOnnnn is used for ISO defined codes where nnnn is the ISO table number.

4.66 HL7 Table 0398 - Continuation style code

Used within segment:

DSC - continuation pointer segment

Refer to HL7 Chapter:

2.16.4.2

Value	Description	Notes
F	Fragmentation	
I	Interactive Continuation	

4.67 HL7 Table 0399 - Country code

Used within segment and datatypes:

MSH – Message Header

Patient Address (XAD)

XAD – Extended Address

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Value	Description	Notes
1	England	
2	Scotland	
3	Wales	
4	Northern Ireland	
7	Sark	
9	Alderney	
10	Channel Islands	
ABW	Aruba	
AFG	Afghanistan	
AGO	Angola	
AIA	Anguilla	
ALA	Åland Islands	
ALB	Albania	
AND	Andorra	
ARE	United Arab Emirates	
ARG	Argentina	
ARM	Armenia	
ASM	American Samoa	
ATA	Antarctica	
ATF	French Southern Territories	
ATG	Antigua and Barbuda	
AUS	Australia	
AUT	Austria	
AZE	Azerbaijan	
BDI	Burundi	
BEL	Belgium	
BEN	Benin	
BES	Bonaire, Sint Eustatius and Saba	
BFA	Burkina Faso	
BGD	Bangladesh	
BGR	Bulgaria	
BHR	Bahrain	

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Value	Description	Notes
BHS	Bahamas	
BIH	Bosnia and Herzegovina	
BLM	Saint Barthélemy	
BLR	Belarus	
BLZ	Belize	
BMU	Bermuda	
BOL	Bolivia, Plurinational State of	
BRA	Brazil	
BRB	Barbados	
BRN	Brunei Darussalam	
BTN	Bhutan	
BVT	Bouvet Island	
BWA	Botswana	
CAF	Central African Republic	
CAN	Canada	
CCK	Cocos (Keeling) Islands	
CHE	Switzerland	
CHL	Chile	
CHN	China	
CIV	Côte d'Ivoire	
CMR	Cameroon	
COD	Congo, the Democratic Republic of the	
COG	Congo	
COK	Cook Islands	
COL	Colombia	
COM	Comoros	
CPV	Cape Verde	
CRI	Costa Rica	
CUB	Cuba	
CUW	Curaçao	
CXR	Christmas Island	

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Value	Description	Notes
CYM	Cayman Islands	
CYP	Cyprus	
CZE	Czech Republic	
DEU	Germany	
DJI	Djibouti	
DMA	Dominica	
DNK	Denmark	
DOM	Dominican Republic	
DZA	Algeria	
ECU	Ecuador	
EGY	Egypt	
ERI	Eritrea	
ESH	Western Sahara	
ESP	Spain	
EST	Estonia	
ETH	Ethiopia	
FIN	Finland	
FJI	Fiji	
FLK	Falkland Islands (Malvinas)	
FRA	France	
FRO	Faroe Islands	
FSM	Micronesia, Federated States of	
GAB	Gabon	
GBR	United Kingdom	
GEO	Georgia	
GGY	Guernsey	
GHA	Ghana	
GIB	Gibraltar	
GIN	Guinea	
GLP	Guadeloupe	
GMB	Gambia	
GNB	Guinea-Bissau	

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Value	Description	Notes
GNQ	Equatorial Guinea	
GRC	Greece	
GRD	Grenada	
GRL	Greenland	
GTM	Guatemala	
GUF	French Guiana	
GUM	Guam	
GUY	Guyana	
HKG	Hong Kong	
HMD	Heard Island and McDonald Islands	
HND	Honduras	
HRV	Croatia	
HTI	Haiti	
HUN	Hungary	
IDN	Indonesia	
IMN	Isle of Man	
IND	India	
IOT	British Indian Ocean Territory	
IRL	Ireland	
IRN	Iran, Islamic Republic of	
IRQ	Iraq	
ISL	Iceland	
ISR	Israel	
ITA	Italy	
JAM	Jamaica	
JEY	Jersey	
JOR	Jordan	
JPN	Japan	
KAZ	Kazakhstan	
KEN	Kenya	
KGZ	Kyrgyzstan	

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Value	Description	Notes
KHM	Cambodia	
KIR	Kiribati	
KNA	Saint Kitts and Nevis	
KOR	Korea, Republic of	
KWT	Kuwait	
LAO	Lao People's Democratic Republic	
LBN	Lebanon	
LBR	Liberia	
LBY	Libya	
LCA	Saint Lucia	
LIE	Liechtenstein	
LKA	Sri Lanka	
LSO	Lesotho	
LTU	Lithuania	
LUX	Luxembourg	
LVA	Latvia	
MAC	Macao	
MAF	Saint Martin (French part)	
MAR	Morocco	
MCO	Monaco	
MDA	Moldova, Republic of	
MDG	Madagascar	
MDV	Maldives	
MEX	Mexico	
MHL	Marshall Islands	
MKD	Macedonia, the former Yugoslav Republic of	
MLI	Mali	
MLT	Malta	
MMR	Myanmar	
MNE	Montenegro	
MNG	Mongolia	

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Value	Description	Notes
MNP	Northern Mariana Islands	
MOZ	Mozambique	
MRT	Mauritania	
MSR	Montserrat	
MTQ	Martinique	
MUS	Mauritius	
MWI	Malawi	
MYS	Malaysia	
MYT	Mayotte	
NAM	Namibia	
NCL	New Caledonia	
NER	Niger	
NFK	Norfolk Island	
NGA	Nigeria	
NIC	Nicaragua	
NIU	Niue	
NLD	Netherlands	
NOR	Norway	
NPL	Nepal	
NRU	Nauru	
NZL	New Zealand	
OMN	Oman	
PAK	Pakistan	
PAN	Panama	
PCN	Pitcairn	
PER	Peru	
PHL	Philippines	
PLW	Palau	
PNG	Papua New Guinea	
POL	Poland	
PRI	Puerto Rico	
PRK	Korea, Democratic People's	

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Value	Description	Notes
	Republic of	
PRT	Portugal	
PRY	Paraguay	
PSE	Palestinian Territory, Occupied	
PYF	French Polynesia	
QAT	Qatar	
REU	Réunion	
ROU	Romania	
RUS	Russian Federation	
RWA	Rwanda	
SAU	Saudi Arabia	
SDN	Sudan	
SEN	Senegal	
SGP	Singapore	
SGS	South Georgia and the South Sandwich Islands	
SHN	Saint Helena, Ascension and Tristan da Cunha	
SJM	Svalbard and Jan Mayen	
SLB	Solomon Islands	
SLE	Sierra Leone	
SLV	El Salvador	
SMR	San Marino	
SOM	Somalia	
SPM	Saint Pierre and Miquelon	
SRB	Serbia	
SSD	South Sudan	
STP	Sao Tome and Principe	
SUR	Suriname	
SVK	Slovakia	
SVN	Slovenia	
SWE	Sweden	

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Value	Description	Notes
SWZ	Swaziland	
SXM	Sint Maarten (Dutch part)	
SYC	Seychelles	
SYR	Syrian Arab Republic	
TCA	Turks and Caicos Islands	
TCD	Chad	
TGO	Togo	
THA	Thailand	
TJK	Tajikistan	
TKL	Tokelau	
TKM	Turkmenistan	
TLS	Timor-Leste	
TON	Tonga	
TTO	Trinidad and Tobago	
TUN	Tunisia	
TUR	Turkey	
TUV	Tuvalu	
TWN	Taiwan, Province of China	
TZA	Tanzania, United Republic of	
UGA	Uganda	
UKR	Ukraine	
UMI	United States Minor Outlying Islands	
URY	Uruguay	
USA	United States	
UZB	Uzbekistan	
VAT	Holy See (Vatican City State)	
VCT	Saint Vincent and the Grenadines	
VEN	Venezuela, Bolivarian Republic of	
VGB	Virgin Islands, British	
VIR	Virgin Islands, U.S.	
VNM	Viet Nam	

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Value	Description	Notes
VUT	Vanuatu	
WLF	Wallis and Futuna	
WSM	Samoa	
YEM	Yemen	
ZAF	South Africa	
ZMB	Zambia	
ZWE	Zimbabwe	

The values for HL7 table 0399 are sourced from the International Standard ISO 3166-1 Alpha 3 codes. These values do not currently contain UK National Codes such as England or Wales for example, which are present as seven additional values within the Person Demographic Service (PDS) data item Country. Users of this specification are expected to adopt the most updated country codes from Standard ISO 3166-1 Alpha 3 codes along with seven additional values which are listed in table above.

4.68 User Table 0416 - Procedure DRG type

Used within segment:

PR1 –Procedures

Refer to HL7 Chapter:

6.5.4.17

Value	Description	Notes
1	1st non-Operative	
2	2nd non-Operative	
3	Major Operative	
4	2nd Operative	
5	3rd Operative	

4.69 User Table 0417 - Tissue type code

Used within segment:

PR1 –Procedures

Refer to HL7 Chapter:

6.5.4.18

Value	Description	Notes
0	No tissue expected	
1	Insufficient Tissue	

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Value	Description	Notes
2	Not abnormal	
3	Abnormal-not categorized	
4	Mechanical abnormal	
5	Growth alteration	
6	Degeneration & necrosis	
7	Non-acute inflammation	
8	Non-malignant neoplasm	
9	Malignant neoplasm	
B	Basal cell carcinoma	
C	Carcinoma-unspecified type	
G	Additional tissue required	

4.70 HL7 Table 0418 - Procedure priority

Used within segment:

PR1 –Procedures

Refer to HL7 Chapter:

6.5.4.14

Value	Description	Notes
0	the admitting procedure	
1	the primary procedure	
2	for ranked secondary procedures	

4.71 User Table 0430 - Mode of arrival code

Used within segment:

PV2 – Additional Patient Visit (HL7 ref 3.4.4)

Refer to HL7 Chapter:

3.4.4.38

Value	Description	Notes
A	Ambulance	
C	Car	
F	On foot	
H	Helicopter	

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Value	Description	Notes
O	Other	
P	Public Transport	
U	Unknown	

4.72 User Table 0445 - Identity Reliability Code

Used within segment:

PID – Patient Identification (HL7 ref 3.5.2)

Refer to HL7 Chapter:

3.5.2.32

Value	Description	Notes
US	Unknown/Default Social Security Number	
UD	Unknown/Default Date of Birth	
UA	Unknown/Default Address	
AL	Patient/Person Name is an Alias	
ED	Estimated Date of Birth	
NSTS01	Number present and verified	NHS Number Tracing Status – 'n' is the actual code value
NSTS02	Number present but not traced	NHS Number Tracing Status – 'n' is the actual code value
NSTS03	Trace required	NHS Number Tracing Status – 'n' is the actual code value
NSTS04	Trace attempted - No match or multiple match found	NHS Number Tracing Status – 'n' is the actual code value
NSTS05	Trace needs to be resolved - (NHS Number or patient detail conflict)	NHS Number Tracing Status – 'n' is the actual code value
NSTS06	Trace in progress	NHS Number Tracing Status – 'n' is the actual code value
NSTS07	Number not present and trace not required	NHS Number Tracing Status – 'n' is the actual code value
NSTS08	Trace postponed (baby under six weeks old)	NHS Number Tracing Status – 'n' is the actual code value

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The values above for the HL7 table 0445, are partly (those prefixed with NSTS) sourced from the NHS Data Model and Dictionary attribute NHS Number Status Indicator[30].

6th iteration is used for NHS Number tracing status and must be used where available in accordance with NHS Number guidance. Please see section 3.2.1 of the document entitled "NHS Number Standard for Secondary Care (England) Full Operational Information Standard" available at http://www.isb.nhs.uk/docs/instantations/secondary-care-1/SubOperational.pdf.

A maximum of one NHS Number Tracing Status value shall be included in this repeating field.

4th iteration is used for date of birth reliability. New guidance has been submitted to ISB for review. When ratified this field must be used according to that guidance. The document currently has the title "Standard for estimating a patient's age where their date of birth is not known and then flagging the derived estimated birth date.

4.73 HL7 Table 0465 - Name/address representation

Used within datatypes:

Patient Address (XAD)

XAD – Extended Address

Value	Description	Notes
A	Alphabetic (i.e., Default or some single-byte)	
I	Ideographic (i.e., Kanji)	
P	Phonetic (i.e., ASCII, Katakana, Hiragana, etc.)	

4.74 User Table 0471 - Message Query name

Used within datatypes:

QAK- query acknowledgment segment

Refer to HL7 Chapter:

Value	Description	Notes
Q21	Get person demographics	
Q22	Find Candidates Query	
ZV1	Patient Demographics and Visit Query	

[30] http://www.datadictionary.nhs.uk/data_dictionary/data_field_notes/n/nhs_number_status_indicator_de.asp?

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4.75 User Table ZU001 - Admit Reason

Used within segment:

PV2 - Additional Patient Visit (HL7 ref 3.4.4)

Refer to HL7 Chapter:

3.4.4.3

There are currently no suggested values for this release. Until nationally agreed values are provided, local values should be used.

4.76 User Table ZU002 - Allergy Code/Description

Used within segment:

AL1 - Additional Patient Visit (HL7 ref 3.5.6)

Refer to HL7 Chapter:

3.5.6.3

Value	Description	Notes
Z88.0	Personal history of allergy to drugs, medicaments and biological substances	
Z88.1	Personal history of allergy to penicillin	
Z88.2	Personal history of allergy to other antibiotic agents	
Z88.3	Personal history of allergy to sulfonamides	
Z88.4	Personal history of allergy to other anti-infective agents	
Z88.5	Personal history of allergy to anaesthetic agent	
Z88.6	Personal history of allergy to narcotic agent	
Z88.7	Personal history of allergy to analgesic agent	
Z88.8	Personal history of allergy to serum and vaccine	
Z88.9	Personal history of allergy to other drugs, medicaments and biological substances	

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Value	Description	Notes
Z91.0	Personal history of allergy, other than to drugs and biological substances	

This table should contain and support valid NHS Allergy codes and descriptions[31]. The current NHS coding standard supported for Allergies are codes within Z80 from the International Classification of Diseases standard, ICD-10[32].

If mapping from Systematised Nomenclature of Medicine Clinical Terms (SNOMED-CT)[33], please ensure that the concepts used are cross mapped to the ICD-10 codes above. The cross mapping can be found by accessing the TRUD[34] service or by using the table below (based on current full defined concepts only found in SNOMED version 2009b):

ICD-10 Code	ICD-10 Description	SNOMED description:	SNOMED concept ID:
Z88.0	Personal history of allergy to penicillin	H/O: penicillin allergy	161591004
Z88.1	Personal history of allergy to other antibiotic agents	H/O: cephalosporin allergy	161597000
		H/O: chloramphenicol allergy	161602007
		H/O: erythromycin allergy	161600004
		H/O: gentamicin allergy	161599002
		H/O: metronidazole allergy	161606005
		H/O: nalidixic acid allergy	161607001
		H/O: neomycin allergy	161601000
		H/O: nitrofurantoin allergy	161608006
		H/O: tetracycline allergy	161598005
Z88.2	Personal history of allergy to sulfonamides	H/O: sulphonamide allergy	161603002

[31] http://www.datadictionary.nhs.uk/data_dictionary/attributes/c/cla/clinical_classification_code_de.asp?

[32] http://www.datadictionary.nhs.uk/web_site_content/supporting_information/clinical_coding/international_classification_of_diseases_(icd-10).asp?

[33] http://systems.hscic.gov.uk/data/uktc/snomed

[34] https://isd.hscic.gov.uk/trud3/

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		H/O: trimethoprim allergy	161604008
Z88.3	Personal history of allergy to other anti-infective agents		
Z88.4	Personal history of allergy to anaesthetic agent	H/O: anesthetic allergy	161593001
		History of allergy to opiate agonist	428980005
		History of - anaesthesia problem	397942001
Z88.5	Personal history of allergy to narcotic agent		
Z88.6	Personal history of allergy to analgesic agent	H/O: analgesic allergy	161594007
Z88.7	Personal history of allergy to serum and vaccine	H/O: serum allergy	161596009
		H/O: vaccine allergy	161595008
Z88.8	Personal history of allergy to other drugs, medicaments and biological substances		
Z88.9	Personal history of allergy to unspecified drugs, medicaments and biological substances	H/O: drug allergy	161590003
Z91.0	Personal history of allergy, other than to drugs and biological substances	H/O: plant allergy	161613005
		H/O: food allergy	161612000
		H/O: non-drug allergy	161611007

Further guidance for representing allergies can be found here: SCG Guidance on the Representation of Allergies and Adverse Reaction Information Using NHS Message Templates.

4.77 User Table ZU003 - Anaesthetic Given During Labour/Delivery

Used within segment:

ZU6 - UK Additional Data - Labour & Delivery (HL7 ref A.4.3.6)

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Refer to HL7 Chapter:

A.4.3.4.12

Value	Description	Notes
1	General anaesthetic, the administration by a doctor of an agent intended to produce unconsciousness	
2	Epidural or caudal anaesthetic, the injection of a local anaesthetic agent into the epidural space	
3	Spinal anaesthetic, the injection of a local anaesthetic agent into the subarachnoid space	
4	General anaesthetic and epidural or caudal anaesthetic	
5	General anaesthetic and spinal anaesthetic	
6	Epidural or caudal and spinal anaesthetic	
7	Anaesthetic other than in 1 to 6, or analgesic only	
8	No analgesic or anaesthetic administered	

The values above, are sourced from the NHS Data Model and Dictionary attribute Anaesthetic Or Analgesic Category[35].

4.78 User Table ZU004 - Anaesthetic Given Post Labour/Delivery

Used within segment:

ZU6 - UK Additional Data - Labour & Delivery (HL7 ref A.4.3.6)

Refer to HL7 Chapter:

A.4.3.4.13

Value	Description	Notes

35

http://www.datadictionary.nhs.uk/data_dictionary/attributes/a/ana/anaesthetic_or_analgesic_category_de.asp?

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Value	Description	Notes
1	General anaesthetic, the administration by a doctor of an agent intended to produce unconsciousness	
2	Epidural or caudal anaesthetic, the injection of a local anaesthetic agent into the epidural space	
3	Spinal anaesthetic, the injection of a local anaesthetic agent into the subarachnoid space	
4	General anaesthetic and epidural or caudal anaesthetic	
5	General anaesthetic and spinal anaesthetic	
6	Epidural or caudal and spinal anaesthetic	
7	Anaesthetic other than in 1 to 6, or analgesic only	

The values above are sourced from the NHS Data Model and Dictionary attribute Anaesthetic Or Analgesic Category[36].

4.79 User Table ZU005 - Assigning Facility

Used within datatype:

CX - Extended Composite ID with Check Digit

This table should contain and support valid 5 characters ODS NHS Organisation Site Codes to indicate the unique identifier of the healthcare site the patient has been discharged to. Valid NHS Organisation site codes[37] can be found on the ODS downloads site.

4.80 User Table ZU006 – Attendance Class

Used within segment:

ZU3 - UK Additional Data - Attendance Details (HL7 ref A.4.3.3)

Refer to HL7 Chapter:

A.4.3.3.6

There are currently no suggested values for this release. Until nationally agreed values are provided, local values should be used.

36 http://www.datadictionary.nhs.uk/data_dictionary/attributes/a/ana/anaesthetic_or_analgesic_category_de.asp?

37 http://systems.hscic.gov.uk/data/ods

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4.81 User Table ZU007 - Attended or DNA

Used within segment:

ZU3 - UK Additional Data - Attendance Details (HL7 ref A.4.3.3)

Refer to HL7 Chapter:

A.4.3.3.3

Value	Description	Notes
5	Patient arrived on time or, if late, before the relevant health care professional was ready to see them	
6	Patient arrived late, after the relevant health care professional was first ready to see them, but was seen	
7	Patient arrived late and could not be seen	
2	Appointment cancelled by patient	
3	Did not attend - no advance warning given	
4	Appointment cancelled or postponed by the Health Care Provider	

4.82 User Table ZU008 - Borrowed Bed Specialty

Used within segment:

ZU1 - UK Additional Data (HL7 ref A.4.3.1)

Refer to HL7 Chapter:

A.4.3.1.25

This table should contain and support valid NHS Treatment Function Codes[38].

4.83 User Table ZU009 - Cancelled By

Used within segment:

38

http://www.datadictionary.nhs.uk/web_site_content/supporting_information/main_specialty_and_treatment_function_codes.asp?

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ZU3 - UK Additional Data - Attendance Details (HL7 ref A.4.3.3)

Refer to HL7 Chapter:

A.4.3.3.13

There are currently no suggested values for this release. Until nationally agreed values are provided, local values should be used.

4.84 User Table ZU010 – Coding Status

Used within segment:

ZU1 – UK Additional Data (HL7 ref A.4.3.1)

Refer to HL7 Chapter:

A.4.3.1.3

Value	Description	Notes
I	Incomplete	
C	Complete	

4.85 User Table ZU011 - Consent to Share Indicator

Used within datatype:

PID - Patient Identification (HL7 ref 3.5.2)

Value	Description	Notes
1	Express consent	
2	Express dissent	
3	Consent Status Unknown	

Any information which flows across an organisational boundary MUST be agreed with the patient before transmission. This field is used to transmit a code indicating that the patient has agreed to share information.

4.86 User Table ZU012 - Consultant's main specialty

Used within segment:

ZU1 - UK Additional Data (HL7 ref A.4.3.1)

Refer to HL7 Chapter:

A.4.3.1.6

This table should contain and support valid NHS Main Specialty Codes[39].

39

http://www.datadictionary.nhs.uk/web_site_content/supporting_information/main_specialty_and_treatment_function_codes.asp?

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4.87 User Table ZU013 - Diary Type

Used within segment:

ZU3 - UK Additional Data - Attendance Details (HL7 ref A.4.3.3)

Refer to HL7 Chapter:

A.4.3.3.7

There are currently no suggested values for this release. Until nationally agreed values are provided, local values should be used.

4.88 User Table ZU014 - First Regular Day or Night Admission

Used within segment:

ZU1 – UK Additional Data (HL7 ref A.4.3.1)

Refer to HL7 Chapter:

A.4.3.1.19

Value	Description	Notes
0	First in a series	
1	Subsequent to first in a series	
8	Not applicable	This episode of care is neither the first nor any subsequent attendance within a sequence of regular day/night admissions.
9	Not known	This episode is an attendance with a sequence of regular day/night admissions, but the status of this episode within the attendance is not known: a validation error

The values above are sourced from the NHS Data Model and Dictionary attribute First Regular Day Or Night Admission[40].

4.89 User Table ZU015 - Hospital Service - specialty

Used within segment:

PV1 - Patient Visit (HL7 ref 3.4.3)

Refer to HL7 Chapter:

3.4.3.10

This table should contain and support valid NHS Main Specialty Codes[41].

[40] http://www.datadictionary.nhs.uk/data_dictionary/attributes/f/first_regular_day_or_night_admission_de.asp?

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4.90 User Table ZU016 - Initiator of suspension

Used within segment:

ZU4 - UK Additional Data - Waiting List (HL7 ref A.4.3.3)

Refer to HL7 Chapter:

A.4.3.4.12

Value	Description	Notes
a	Initiated by CONSULTANT for medical reasons including awaiting an organ transplant or an unrelated bone marrow transplant	
b	Initiated by PATIENT	

The values above are sourced from the NHS Data Model and Dictionary attribute Elective Admission Suspension Initiator[42].

4.91 User Table ZU017 - Intended Clinical Care Intensity

Used within segment:

ZU3 - UK Additional Data - Attendance Details (HL7 ref A.4.3.3)

Refer to HL7 Chapter:

A.4.3.3.10

Value	Description	Notes
11	for intensive therapy, including high dependency care	For general patients
12	for normal therapy: where resources permit the admission of patients who might need all but intensive or high dependency therapy	For general patients

41

http://www.datadictionary.nhs.uk/web_site_content/supporting_information/main_specialty_and_treatment_function_codes.asp?

42

http://www.datadictionary.nhs.uk/data_dictionary/attributes/e/elective_admission_suspension_initiator_de.asp?

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Value	Description	Notes
13	for limited therapy: where nursing care rather than continuous medical care is provided. Such wards can be used only for patients carefully selected and restricted to a narrow range in terms of the extent and nature of disease	For general patients
21	spinal units, only those units which are nationally recognised	For the younger physically disabled
22	other units	For the younger physically disabled
31	not associated with the maternity ward and in which there are some designated cots for intensive care	For neonates
32	non-maternity: not associated with the maternity ward and without designated cots for intensive care	For neonates
33	maternity: associated with the maternity ward in that cots are in the maternity ward nursery or in the ward itself	For neonates
41	only for patients looked after by consultants	For maternity patients
42	for joint use by consultants & General Medical Practitioners	For maternity patients
43	only for patients looked after by General Medical Practitioners	For maternity patients
51	for intensive care: specially designated ward for patients needing containment and more intensive management. This is not to be confused with intensive nursing where a patients may require one to one nursing while on a standard ward	For patients with mental illness
52	for short stay: patients intended to stay less than a year	For patients with mental illness
53	for long stay: patients intended to stay a year or more	For patients with mental illness
61	designated or interim secure unit	For patients with learning disabilities
62	patients intending to stay less than a year	For patients with learning disabilities

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Value	Description	Notes
63	patients intending to stay a year or more	For patients with learning disabilities
71	Home Leave, non-psychiatric	Additional value for Intended Clinical Intensity
72	Home Leave, psychiatric	Additional value for Intended Clinical Intensity
81	terminally ill/palliative care	For terminally ill/palliative care

The values above are sourced from the NHS Data Model and Dictionary attribute Clinical Care Intensity[43] including the additional 'intended' values from the data element Intended Clinical Care Intensity[44].

4.92 User Table ZU018 - Labour/Delivery Onset Method

Used within segment:

ZU6 - UK Additional Data - Labour & Delivery (HL7 ref A.4.3.6)

Refer to HL7 Chapter:

A.4.3.4.9

Value	Description	Notes
1	Spontaneous; the onset of regular contractions whether or not preceded by spontaneous rupture of the membranes	
2	Any caesarean section carried out before the onset of labour or a planned elective caesarean section carried out immediately following the onset of labour, when the decision was made before labour	
3	Surgical induction; by amniotomy	
4	Medical induction; including administration of agents either orally, intravenously or intravaginally with the intention of initiating labour	
5	Combination of surgical induction and medical induction	
9	Not known	To be used when data enterer has tried to get information but it is not

[43] http://www.datadictionary.nhs.uk/data_dictionary/attributes/c/cla/clinical_care_intensity_de.asp?

[44] http://www.datadictionary.nhs.uk/data_dictionary/data_field_notes/i/intended_clinical_care_intensity_de.asp?

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Value	Description	Notes
		known for any reason.

The values above are sourced from the NHS Data Model and Dictionary attribute Labour/Delivery Onset Method[45].

4.93 User Table ZU019 - Medical staff type seeing patient

Used within segment:

ZU3 – UK Additional Data – Attendance Details (HL7 ref A.4.3.3)

Refer to HL7 Chapter:

A.4.3.3.2

Value	Description	Notes
1	Consultant	
2	Consultant firm	
3	Not applicable (e.g. ward attenders)	
4	Not known	

4.94 User Table ZU020 - Neonatal level of care

Used within segment:

ZU1 - UK Additional Data (HL7 ref A.4.3.1)

Refer to HL7 Chapter:

A.4.3.1.9

Value	Description	Notes
0	Normal Care	Care given by the mother or mother substitute with medical and neonatal nursing advice if needed.
1	Special Care	Care given in a special care nursery, transitional care ward or postnatal ward which provides care and treatment exceeding normal routine care. Some aspects of special care can be undertaken by a mother supervised by qualified nursing staff. Special nursing care includes support and education of the infant's parent(s).

[45] http://www.datadictionary.nhs.uk/data_dictionary/attributes/l/labour_or_delivery_onset_method_de.asp?

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Value	Description	Notes
2	Level 2 Intensive Care (High Dependency Intensive Care)	Care given in an intensive or special care nursery which provides continuous skilled supervision by qualified and specially trained nursing staff who may care for more babies than in Level 1 Intensive Care. Medical supervision is not so immediate as in Level 1 Intensive Care. Care includes support of the infant's parent(s).
3	Level 1 Intensive Care (Maximal Intensive Care)	Care given in an intensive care nursery which provides continuous skilled supervision by qualified and specially trained nursing and medical staff. Such care includes support of the infant's parent(s).
8	Not applicable	A still birth or the episode of care does not involve a neonate during all, or part, of the duration of the episode.
9	Not known	The episode of care involves a neonate and is finished but no data has been entered, or the episode involves a neonate and is unfinished therefore no data needs to be present.

The values above are sourced from the NHS Data Model and Dictionary attribute Neonatal Level of Care [46].

4.95 User Table ZU021 - Observation Method

Used within segment:

OBX - Observation / Result Segment

Refer to HL7 Chapter:

7.4.2.17

This table should be populated with local coded values and descriptions used to indicate the Observation Method being used.

[46] http://www.datadictionary.nhs.uk/data_dictionary/attributes/n/neonatal_level_of_care_de.asp?

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4.96 User Table ZU022 - Outcome of Attendance

Used within segment:

ZU3 - UK Additional Data - Attendance Details (HL7 ref A.4.3.3)

Refer to HL7 Chapter:

A.4.3.3.4

Value	Description	Notes
1	Discharged from consultant's care (last attendance)	
2	Another appointment given	
3	Appointment to be made at a later date	

The values above are sourced from the NHS Data Model and Dictionary attribute Outcome of Attendance[47].

4.97 User Table ZU023- Outcome of offer of admission

Used within segment:

ZU4 - UK Additional Data - Waiting List (HL7 ref A.4.3.3)

Refer to HL7 Chapter:

A.4.3.4.11

Value	Description	Notes
8	Patient admitted - treatment commenced	
1	Patient admitted - treatment completed	
2	Admission cancelled by, or on behalf of, the patient	
6	Admission cancelled by hospital before day offered for admission	
7	Admission cancelled by hospital on day offered for admission	
4	Patient failed to arrive	
5	Patient admitted - treatment deferred	

[47] http://www.datadictionary.nhs.uk/data_dictionary/attributes/o/out/outcome_of_attendance_de.asp?

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The values above are sourced from the NHS Data Model and Dictionary attribute Admission Offer Outcome[48].

4.98 User Table ZU024- Patient Age Sex Mix

Used within segment:

ZU3 - UK Additional Data - Attendance Details (HL7 ref A.4.3.3)

Refer to HL7 Chapter:

A.4.3.3.9

Value	Description	Notes
1a	Neonates - Males	
2a	Children and/or adolescents - Males	
3a	Elderly - Males	
8a	Any age - Males	
1b	Neonates - Females	
2b	Children and/or adolescents - Females	
3b	Elderly - Females	
8b	Any age - Females	
1c	Neonates - Either sex	
2c	Children and/or adolescents - Either sex	
3c	Elderly - Either sex	
8c	Any age - Either sex	

The values above are sourced from the NHS Data Model and Dictionary attributes Age Group Intended[49] and Sex of Patients[50].

This item is derived from Age Group Intended and Sex of Patients and relates to intended use of a ward.

4.99 User Table ZU025 - Producer's ID

Used within segment:

[48] http://www.datadictionary.nhs.uk/data_dictionary/attributes/a/add/admission_offer_outcome_de.asp?

[49] http://www.datadictionary.nhs.uk/data_dictionary/attributes/a/age/age_group_intended_de.asp?

[50] http://www.datadictionary.nhs.uk/data_dictionary/attributes/s/ses/sex_of_patients_de.asp?

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OBX - Observation / Result Segment

Refer to HL7 Chapter:

7.4.2.15

There are currently no suggested values for this release. Until nationally agreed values are provided, local values should be used.

4.100 User Table ZU026 - Psychiatric Admission Status

Used within segment:

ZU1 - UK Additional Data (HL7 ref A.4.3.1)

Refer to HL7 Chapter:

A.4.3.1.20

Value	Description	Notes
0	No known previous Hospital Provider Spells with a Consultant Episode (Hospital Provider) within a psychiatric speciality within any Health Care Provider.	
1	One or more previous Hospital Provider Spells involving a Consultant Episode (Hospital Provider) within a psychiatric specialty with this Health Care Provider.	
2	One or more previous Hospital Provider Spells involving a Consultant Episode (Hospital Provider) within a psychiatric specialty with another Health Care Provider, but none with this Health Care Provider.	
8	Not applicable: the patient is not receiving admitted patient care under a consultant in a psychiatric specialty.	
9	Not known: the patient is receiving admitted patient care under a consultant in a psychiatric specialty, but the information is not available. This constitutes a validation error	

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The values above are sourced from the NHS Data Model and Dictionary attribute Psychiatric Patient Status[51].

This data item applies only to PATIENTS admitted or transferred to a CONSULTANT in one of the psychiatric specialties within a Hospital Provider Spell.

4.101 User Table ZU027 - Reason for exceeding Guarantee Date

Used within segment:

ZU4 - UK Additional Data - Waiting List (HL7 ref A.4.3.3)

Refer to HL7 Chapter:

A.4.3.4.14

There are currently no suggested values for this release. Until nationally agreed values are provided, local values should be used.

4.102 User Table ZU028 - Referral Receipt Method

Used within segment:

ZU1 - UK Additional Data (HL7 ref A.4.3.1)

Refer to HL7 Chapter:

A.4.3.1.17

Value	Description	Notes
01	Verbal	
02	Written	

The values above are sourced from the NHS Data Model and Dictionary attribute Appointment Offer Verbal or Written[52].

4.103 User Table ZU029 - Removal/Reinstate reason

Used within segment:

ZU4 - UK Additional Data - Waiting List (HL7 ref A.4.3.3)

Value	Description	Notes
1	Patient admitted electively	
2	Patient admitted as an emergency for the same condition	

[51] http://www.datadictionary.nhs.uk/data_dictionary/data_field_notes/p/pro/psychiatric_patient_status_de.asp?

[52] http://www.datadictionary.nhs.uk/data_dictionary/attributes/a/ana/appointment_offer_verbal_or_written_de.asp?

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3	Patient died	
4	Patient removed for other reasons	

The values above are sourced from the NHS Data Model and Dictionary attribute Elective Admission List Removal Reason[53].

4.104 User Table ZU030 - Responsible HCP provider

Used within segment:

ZU4 - UK Additional Data - Waiting List (HL7 ref A.4.3.3)

Refer to HL7 Chapter:

A.4.3.4.7

This table should contain and support valid 3 character ODS NHS Organisation Codes or valid 6 character GP Practice Codes to indicate the unique identifier of the healthcare provider that the Responsible health care professional (HCP) belongs to or represents. Valid NHS Organisation codes and GP Practice codes[54] can be found on the ODS downloads site.

(For example ‘RXX’ NHS Trust, ‘5XX’ PCT Provider, ‘A86001’ GP Practice).

4.105 User Table ZU031 - Service Type Requested

Used within segment:

ZU1 – UK Additional Data (HL7 ref A.4.3.1)

Refer to HL7 Chapter:

A.4.3.1.14

Value	Description	Notes
1	Advice/consultation	
2	Specific procedure	
3	Other	

The values above are sourced from the NHS Data Model and Dictionary attribute Service Type Requested[55].

53 http://www.datadictionary.nhs.uk/data_dictionary/attributes/e/elective_admission_list_removal_reason_de.asp?

54 http://systems.hscic.gov.uk/data/ods

55 http://www.datadictionary.nhs.uk/data_dictionary/attributes/s/ser/service_type_requested_de.asp

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4.106 User Table ZU032 – Sexual Orientation

Used within segment:

ZU8 – UK Additional Data (HL7 ref A.4.3.8)

Value	Description	Notes
1	Heterosexual	
2	Homosexual (Not Specified)	Where a system is not specific about the type of homosexuality , '2' Homosexual (Not Specified) value MUST be mapped to, instead of both or either the values 2a – 'Gay Man' or 2b - 'Lesbian/Gay Woman'
2a	Gay Man	
2b	Lesbian / Gay Woman	
3	Bisexual	
4	Not Certain	
U	Unknown	
X	Other	
Z	Not Stated (PERSON asked but declined to respond)	

Guidance for how to collect sexual orientation information can be found on the Office of National Statistics website.[56]

4.107 User Table ZU033 - Source if addition

Used within segment:

ZU4 - UK Additional Data - Waiting List (HL7 ref A.4.3.3)

Refer to HL7 Chapter:

A.4.3.4.8

There are currently no suggested values for this release. Until nationally agreed values are provided, local values should be used.

4.108 User Table ZU034 - Source of Attendance

Used within segment:

ZU3 - UK Additional Data - Attendance Details (HL7 ref A.4.3.3)

[56] http://www.ons.gov.uk/about-statistics/measuring-equality/sexual-identity-project/guidance/index.html

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Refer to HL7 Chapter:

A.4.3.3.14

There are currently no suggested values for this release. Until nationally agreed values are provided, local values should be used.

4.109 User Table ZU035 - Source of Referral

Used within segment:

ZU1 - UK Additional Data (HL7 ref A.4.3.1)

Refer to HL7 Chapter:

A.4.3.1.13

There are currently no suggested values for this release. Until nationally agreed values are provided, local values should be used.

4.110 User Table ZU036 - Transfer Reason

Used within segment:

PV2 - Additional Patient Visit (HL7 ref 3.4.4)

Refer to HL7 Chapter:

3.4.4.4

There are currently no suggested values for this release. Until nationally agreed values are provided, local values should be used.

4.111 User Table ZU037 - Transport Requirements

Used within segment:

ZU3 - UK Additional Data - Attendance Details (HL7 ref A.4.3.3)

Refer to HL7 Chapter:

A.4.3.3.5

Value	Description	Notes
a	Stretcher (synonym 'ambulance').	The PATIENT is recumbent, semi-recumbent, a maternity case or is likely to need intensive ambulance aid during the journey.
b	Crew of 2 (synonym 'car 2').	The PATIENT can travel sitting but needs the assistance of a driver and attendant to get into or out of the vehicle.
c	Crew of 1 (synonym 'car').	The PATIENT can travel sitting and only needs the assistance of a driver to get into or out of the vehicle.

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The values above are sourced from the NHS Data Model and Dictionary attribute Transport Need[57].

4.112 User Table ZU038 - Units

Used within segment:

OBX - Observation / Result Segment

Refer to HL7 Chapter:

7.4.2.6

This table should contain and support valid units from the Unified Code for Units of Measure (UCUM)[58]

4.113 User Table ZU039– Location Shielding

Used within segment:

ZU1 - UK Additional Data (HL7 ref A.4.3.1)

Value	Description	Notes
N	No Shielding	
Y	Shielding	

4.114 User Table ZU040–Actual Delivery Place

Used within segment:

ZU6 – UK Additional Data – Labour & Delivery (HL7 ref A.4.3.6)

Refer to HL7 Chapter:

A.4.3.6.4

Value	Description	Notes
1	At a domestic ADDRESS	
2	In NHS hospital - delivery facilities associated with CONSULTANT ward	
3	In NHS hospital - delivery facilities associated with GENERAL MEDICAL PRACTITIONER ward	
0	In NHS hospital - delivery facilities associated with MIDWIFE ward	

[57] http://www.datadictionary.nhs.uk/data_dictionary/attributes/t/tran/transport_need_de.asp?

[58] http://www.regenstrief.org/medinformatics/ucum

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Value	Description	Notes
4	In NHS hospital - delivery facilities associated with CONSULTANT/ GENERAL MEDICAL PRACTITIONER/ MIDWIFE ward inclusive of any combination of two of the professionals mentioned	
7	In NHS hospital - ward or unit without delivery facilities	
5	In private hospital	
6	In other hospital or institution	
8	None of the above	
9	Not known	

The values above are sourced from the NHS Data Model and Dictionary attribute Actual Delivery Place[59].

4.115 User Table ZU041– Intended Delivery Place

Used within segment:

ZU6 – UK Additional Data – Labour & Delivery (HL7 ref A.4.3.6)

Refer to HL7 Chapter:

A.4.3.6.6

Value	Description	Notes
1	At a domestic ADDRESS	
2	In NHS hospital - delivery facilities associated with CONSULTANT ward	
3	In NHS hospital - delivery facilities associated with GENERAL MEDICAL PRACTITIONER ward	
0	In NHS hospital - delivery facilities associated with midwife ward	
4	In NHS hospital - delivery facilities associated with CONSULTANT/ GENERAL MEDICAL PRACTITIONER/ MIDWIFE ward inclusive of any combination of two	

[59] http://www.datadictionary.nhs.uk/data_dictionary/attributes/a/acc/actual_delivery_place_de.asp?

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Value	Description	Notes
	of the professionals mentioned	
7	In NHS hospital - ward or unit without delivery facilities	
5	In private hospital	
6	In other hospital or institution	
8	None of the above	
9	Not known	

The values above are sourced from the NHS Data Model and Dictionary attribute Intended Delivery Place[60].

4.116 User Table ZU042– Delivery Place Change Reason

Used within segment:

ZU6 – UK Additional Data – Labour & Delivery (HL7 ref A.4.3.6)

Refer to HL7 Chapter:

A.4.3.6.7

Value	Description	Notes
1	Decision made during pregnancy because of change of address	
2	Decision made during pregnancy for clinical reasons	
3	Decision made during pregnancy for other reasons	
4	Decision made during labour for clinical reasons	
5	Decision made during labour for other reasons	
6	Occurred unintentionally during labour	
8	Not applicable	i.e. no change
9	Not known	To be used when data enterer has tried to get information but it is not known for any reason.

The values above are sourced from the NHS Data Model and Dictionary attribute Delivery Place Change Reason[61].

[60] http://www.datadictionary.nhs.uk/data_dictionary/attributes/i/int/intended_delivery_place_de.asp?

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4.117 User Table ZU043– Delivery Method

Used within segment:

ZU6 – UK Additional Data – Labour & Delivery (HL7 ref A.4.3.6)

Refer to HL7 Chapter:

A.4.3.4.10

Value	Description	Notes
0	Spontaneous vertex	
1	Spontaneous other cephalic	
2	Low forceps, not breech	
3	Other forceps, not breech	
4	Ventouse, vacuum extraction	
5	Breech	
6	Breech extraction	
7	Elective caesarean section	
8	Emergency caesarean section	
9	Other	

The values above are sourced from the NHS Data Model and Dictionary attribute Delivery Method[62].

4.118 User Table ZU044– Status Of Person Conducting Delivery

Used within segment:

ZU6 – UK Additional Data – Labour & Delivery (HL7 ref A.4.3.6)

Refer to HL7 Chapter:

A.4.3.4.11

Value	Description	Notes
1	Hospital Doctor	
2	GENERAL MEDICAL PRACTITIONER	
3	MIDWIFE	
8	Other	

[61] http://www.datadictionary.nhs.uk/data_dictionary/attributes/d/dec/delivery_place_change_reason_de.asp?

[62] http://www.datadictionary.nhs.uk/data_dictionary/attributes/d/dec/delivery_method_de.asp?

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Value	Description	Notes
9	Not known	To be used when data enterer has tried to get information but it is not known for any reason.

The values above are sourced from the NHS Data Model and Dictionary attribute Status of Person Conducting Delivery[63].

4.119 User Table ZU045– Resuscitation Method

Used within segment:

ZU7 – UK Additional Data – Labour & Delivery (HL7 ref A.4.3.6)

Refer to HL7 Chapter:

A.4.3.6.5

Value	Description	Notes
1	Positive pressure nil, drugs nil	
2	Positive pressure nil, drugs administered	
3	Positive pressure by mask, drugs nil	
4	Positive pressure by mask, drugs administered	
5	Positive pressure by endotracheal tube, drugs nil	
6	Positive pressure by endotracheal tube, drugs administered	
8	Not applicable	(e.g. stillborn, where no method of resuscitation was attempted)
9	Not known	To be used when data enterer has tried to get information but it is not known for any reason.

The values above are sourced from the NHS Data Model and Dictionary attribute Resuscitation Method[64].

4.120 User Table ZU046– Live Or Still Birth Code

Used within segment:

63 http://www.datadictionary.nhs.uk/data_dictionary/attributes/s/stan/status_of_person_conducting_delivery_de.asp?

64 http://www.datadictionary.nhs.uk/data_dictionary/data_field_notes/r/resuscitation_method_de.asp?

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ZU7 – UK Additional Data – Labour & Delivery (HL7 ref A.4.3.6)

Refer to HL7 Chapter:

A.4.3.6.2

Value	Description	Notes
1	Live	
2	Still birth ante-partum	
3	Still birth intra-partum	
4	Still birth indeterminate	

The values above are sourced from the NHS Data Model and Dictionary attribute Live or Still Birth Code[65].

4.121 User Table ZU047– Legal Status On Admission

Used within segment:

ZU5 – UK Additional Data – Psychiatric Census (HL7 ref A.4.3.5)

Refer to HL7 Chapter:

A.4.3.5.2

Value	Description	Notes
1	Informal	
2	Formally detained under Mental Health Act Section 2	
3	Formally detained under Mental Health Act Section 3	
4	Formally detained under Mental Health Act Section 4	
5	Formally detained under Mental Health Act Section 5(2)	
6	Formally detained under Mental Health Act Section 5(4)	
7	Formally detained under Mental Health Act Section 35	
8	Formally detained under Mental Health Act Section 36	
9	Formally detained under Mental Health Act Section 37 with section 41 restrictions	

[65] http://www.datadictionary.nhs.uk/data_dictionary/attributes/l/len/live_or_still_birth_de.asp?

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Value	Description	Notes
10	Formally detained under Mental Health Act Section 37	
12	Formally detained under Mental Health Act Section 38	
13	Formally detained under Mental Health Act Section 44	
14	Formally detained under Mental Health Act Section 46	
15	Formally detained under Mental Health Act Section 47 with section 49 restrictions	
16	Formally detained under Mental Health Act Section 47	
17	Formally detained under Mental Health Act Section 48 with section 49 restrictions	
18	Formally detained under Mental Health Act Section 48	
19	Formally detained under Mental Health Act Section 135	
20	Formally detained under Mental Health Act Section 136	
31	Formally detained under Criminal Procedure(Insanity) Act 1964 as amended by the Criminal Procedures (Insanity and Unfitness to Plead) Act 1991	
32	Formally detained under other acts	
33	Supervised Discharge (Mental Health (Patients in the Community) Act 1995)	
34	Formally detained under Mental Health Act Section 45A	
35	Subject to guardianship under Mental Health Act Section 7	
36	Subject to guardianship under Mental Health Act Section 37	
98	Not applicable	
99	Not known	To be used when data enterer has tried to get information but it is not

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Value	Description	Notes
		known for any reason.

The values above are sourced from the NHS Data Model and Dictionary data element Legal Status Classification (at census date)[66] which uses values from the attribute Legal Status Classification[67].

4.122 User Table ZU048– Legal Status At Census Date

Used within segment:

ZU5 – UK Additional Data – Psychiatric Census (HL7 ref A.4.3.5)

Refer to HL7 Chapter:

A.4.3.5.3

Value	Description	Notes
1	Informal	
2	Formally detained under Mental Health Act Section 2	
3	Formally detained under Mental Health Act Section 3	
4	Formally detained under Mental Health Act Section 4	
5	Formally detained under Mental Health Act Section 5(2)	
6	Formally detained under Mental Health Act Section 5(4)	
7	Formally detained under Mental Health Act Section 35	
8	Formally detained under Mental Health Act Section 36	
9	Formally detained under Mental Health Act Section 37 with section 41 restrictions	
10	Formally detained under Mental Health Act Section 37	

66 http://www.datadictionary.nhs.uk/data_dictionary/data_field_notes/l/legal_status_classification_code_(at_census_date)_de.asp?

67 http://www.datadictionary.nhs.uk/data_dictionary/attributes/l/legal_status_classification_code_de.asp?

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Value	Description	Notes
12	Formally detained under Mental Health Act Section 38	
13	Formally detained under Mental Health Act Section 44	
14	Formally detained under Mental Health Act Section 46	
15	Formally detained under Mental Health Act Section 47 with section 49 restrictions	
16	Formally detained under Mental Health Act Section 47	
17	Formally detained under Mental Health Act Section 48 with section 49 restrictions	
18	Formally detained under Mental Health Act Section 48	
19	Formally detained under Mental Health Act Section 135	
20	Formally detained under Mental Health Act Section 136	
31	Formally detained under Criminal Procedure(Insanity) Act 1964 as amended by the Criminal Procedures (Insanity and Unfitness to Plead) Act 1991	
32	Formally detained under other acts	
33	Supervised Discharge (Mental Health (Patients in the Community) Act 1995)	
34	Formally detained under Mental Health Act Section 45A	
35	Subject to guardianship under Mental Health Act Section 7	
36	Subject to guardianship under Mental Health Act Section 37	
98	Not applicable	
99	Not known	To be used when data enterer has tried to get information but it is not known for any reason.

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The values above are sourced from the NHS Data Model and Dictionary data element Legal Status Classification (at census date)[68] which uses values from the attribute Legal Status Classification[69].

4.123 User Table ZU049– Mental Category

Used within segment:

ZU5 – UK Additional Data – Psychiatric Census (HL7 ref A.4.3.5)

Refer to HL7 Chapter:

A.4.3.5.4

Value	Description	Notes
1	Mental illness	
2	Mental impairment	
3	Severe mental impairment	
4	Psychopathic disorder	
5	Not specified	
98	Not applicable	i.e. not detained
99	Not known	To be used when data enterer has tried to get information but it is not known for any reason.

Note: PATIENTS detained under Section 2, 4, 5, 135 and 136 of the Mental Health Act 1983 do not have a specified form of mental disorder and, therefore, the 'not specified' classification should be used.

The values above are sourced from the NHS Data Model and Dictionary attribute Mental Category[70].

4.124 User Table ZU050– Identity Unknown Indicator

Used within segment:

PID – Patient Identification (HL7 ref 3.5.2)

Refer to HL7 Chapter:

3.5.2.31

Value	Description	Notes

68 http://www.datadictionary.nhs.uk/data_dictionary/data_field_notes/l/legal_status_classification_code_(at_census_date)_de.asp?

69 http://www.datadictionary.nhs.uk/data_dictionary/attributes/l/legal_status_classification_code_de.asp?

70 http://www.datadictionary.nhs.uk/data_dictionary/attributes/m/men/mental_category_de.asp?

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Y	Patient's Identity is Unknown	Used to indicate to the receiving system that it should not attempt to "fuzzy" match or associate this information to an existing person, only exact patient identifier matching.
N	Patient's Identity is known.	Used to indicate to the receiving system that normal "fuzzy" matching logic and associations to existing persons should occur.

If value is blank in the message it means Patient's Identity is known.

4.125 User Table ZU051– Intended Management

Used within segment:

ZU7 – UK Additional Data – Labour & Delivery (HL7 ref A.4.3.6)

Refer to HL7 Chapter:

A.4.3.1.2

Value	Description	Notes
1	PATIENT to stay in hospital for at least one night	
2	PATIENT not to stay in hospital overnight	
3	PATIENT to be admitted for a planned sequence of admissions each involving at least one overnight stay	
4	PATIENT to be admitted for a planned sequence of admissions which do not involve an overnight stay	
5	PATIENT to be admitted regularly for a planned sequence of nights who returns home for the remainder of the 24 hour period	
8	Not applicable	
9	Not known	To be used when data enterer has tried to get information but it is not known for any reason.

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The values above are sourced from the NHS Data Model and Dictionary attribute Intended Management[71].

4.126 User Table ZU052– Location Type

Used within segment:

ZU3 – UK Additional Data – Attendance Details (HL7 ref A.4.3.3)

Refer to HL7 Chapter:

A.4.3.3.1

Value	Description	Notes
1	Client's or Patient's Home	
2	Health Centre	
3	GP Practice premises other than Health Centre	
4	Ward on NHS Hospital Site	
6	Hospice	
7	Other Voluntary or Private Hospital or Nursing Home	
8	Group Home managed by the NHS	
9	Group Home managed by Local Authority	
10	Group Home managed by Voluntary or Private Agents	
11	Other Residential Care Homes managed by Local Authority	
12	Other Residential Care Homes managed by Voluntary or Private Agents	
13	NHS Day Care Facility on NHS Hospital Site	
14	NHS Day Care Facility on Other Sites	
15	Day Centre managed by Local Authority	
16	Day Centre managed by Voluntary or Private Agents	

[71] http://www.datadictionary.nhs.uk/data_dictionary/attributes/i/int/intended_management_de.asp?

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Value	Description	Notes
17	NHS Consultant Clinic Premises on a NHS Hospital site	
18	NHS Consultant Clinic Premises off a NHS Hospital site	
19	Health Clinic managed by the NHS	
20	Health Clinic managed by Voluntary or Private Agents	
21	Resource Centre on NHS Hospital Site	
22	Resource Centre managed by the NHS off NHS Hospital Site	
23	Resource Centre managed by Local Authority	
24	Resource Centre managed by Voluntary or Private Agents	
25	Professional Staff Group Department on NHS Hospital Site	
26	Professional Staff Group Department managed by the NHS off NHS Hospital Site	
27	Professional Staff Group Department managed by Local Authority	
28	Professional Staff Group Department managed by Voluntary or Private Agents	
29	Educational Establishment Premises managed by Local Authority or Grant Maintained	
30	Educational Establishment Premises managed by Voluntary or Private Agents	
31	Other Health or Local Authority Facility on NHS Hospital Site	
32	Other Health or Local Authority Site managed by the NHS off NHS Hospital Site	
33	Other Health or Local Authority Site managed by Local Authority	

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Value	Description	Notes
34	Other Health or Local Authority Site managed by Voluntary or Private Agents	
35	Prison Department Establishments	
36	Public Place or Street, or Police Station	
37	Other locations not classified elsewhere	
38	NHS Nursing Home	
39	Other Residential Care Homes managed by the NHS	

The values above are sourced from the NHS Data Model and Dictionary Supporting Information Location Type Codes[72].

4.127 User Table ZU053– Broad Patient Group

Used within segment:

ZU3 – UK Additional Data – Attendance Details (HL7 ref A.4.3.3)

Refer to HL7 Chapter:

A.4.3.3.11

Value	Description	Notes
1	General patients	
2	Younger physically disabled	
3	Neonates	
4	Maternity patients	
5	Patients with mental illness	
6	Patients with learning disabilities	

The values above are sourced from the NHS Data Model and Dictionary attribute Broad Patient Group Code[73].

[72] http://www.datadictionary.nhs.uk/web_site_content/supporting_information/location_type_codes.asp?

[73] http://www.datadictionary.nhs.uk/data_dictionary/attributes/b/bre/broad_patient_group_code_de.asp?

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4.128 User Table ZU054 – First Attendance

Used within segment:

ZU3 – UK Additional Data – Attendance Details (HL7 ref A.4.3.3)

Refer to HL7 Chapter:

A.4.3.3.12

Value	Description	Notes
1	First attendance face to face	
2	Follow-up attendance face to face	
3	First telephone or telemedicine consultation	
4	Follow-up telephone or telemedicine consultation	
5	Referral To Treatment Clock Stop Administrative Event	

The values above are sourced from the NHS Data Model and Dictionary attribute First Attendance[74].

4.129 User Table ZU055– Waiting List Type

Used within segment:

ZU4 – UK Additional Data – Waiting List (HL7 ref A.4.3.3)

Refer to HL7 Chapter:

A.4.3.4.13

Value	Description	Notes
1	Elective Admission List	
2	Out-Patient Waiting List	

The values above are sourced from the NHS Data Model and Dictionary attribute Waiting List Type[75].

4.130 User Table ZU056 - DCR Consent to Share Indicator

Used within datatype:

ZU8.2 – Miscellaneous UK Data (HL7 ref A.4.3.8)

[74] http://www.datadictionary.nhs.uk/data_dictionary/attributes/f/first_attendance_de.asp?

[75] http://www.datadictionary.nhs.uk/data_dictionary/attributes/w/waiting_list_type_de.asp?

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Refer to HL7 UK v2.4 A3 Chapter:

A.4.3.8.2

Value	Description	Notes
1	Express consent	
2	Express dissent	
3	Consent Status Unknown	

If no value is present in the message, it implies consent.

Any information which flows across an organisational boundary MUST be agreed with the patient before transmission. This field is used to transmit a code indicating that the patient has agreed to share detailed care record information.

This table originates from the PDS data item, Consent to Share Indicator.

4.131 User Table ZU057 - Location Hiding

Used within segment:

ZU8.4 – Miscellaneous UK Data (HL7 ref A.4.3.8)

Refer to HL7 UK v2.4 A3 Chapter:

A.4.3.8.5

Value	Description	Notes
2	National S-flag determines location hiding	Please refer to information on the PDS data item, Information Sensitivity Indicator.
1	Local location hiding	Toolkit Applications MUST offer the ability to “shield” patient location details to protect the patient. This feature might be used, for example, to protect the location details of an abused spouse. It is intended to offer a reasonable but limited level of protection, while still allowing essential care processes to continue. Typically a shielding capability will involve blanking / obscuring / protecting location-related fields including: • Addresses • Telephone numbers • Email addresses

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Value	Description	Notes
		• Next of kin details • GP details
0	No location hiding	

This flag allows the local system to indicate what scope of location hiding it will use when communicating with other toolkit connected systems.

4.132 User Table ZU058 - SCR Consent to Store

Used within segment:

ZU8.3 – Miscellaneous UK Data (HL7 ref A.4.3.8)

Refer to HL7 UK v2.4 A3 Chapter:

A.4.3.8.3

Value	Description	Notes
Yes	Patient need not be asked every time for permission to view their Summary Care Record.	
No	Patient does not wish to have a Summary Care Record.	

If no value is present in the message patient must be asked every time for permission to view their summary care record.

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