

Supporting document to ENV 1613:1994 — Messages for Exchange of Laboratory Information

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Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, the CR title page, pages 2 to 373 and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.

Amendments issued since publication

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English version

Supporting document to ENV 1613:1994 — Messages for Exchange of Laboratory Information

This CEN REPORT has been prepared by Technical Committee CEN/TC 251 “Medical informatics” and has been approved by CEN on 1996-10-10.

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Chapter 1 The definition of EDIFACT messages to support PT3-008 prENV

1 Summary

This Supporting Document provides a complete implementable specification of the laboratory messages by providing message implementation guidelines to supplement the message definitions in Annex A. It also provides comprehensive data and structure tables which show rigorously how the EDIFACT messages meet the message specifications of PT3-008 prENV.

1.1 Use of the EDIFACT data interchange format (DIF)

A data interchange format for EDI messages needs to offer a transfer syntax able to support the following:

- Message structures
- Data structures
- Data element directories
- References to external coding schemes

The EDIFACT standard ISO 9735 defines a method of supporting these four properties of a DIF as follows:

Message Structure

Each message type defined is given a unique six character reference which is carried as part of the header information for each message. The EDIFACT standard groups a number of messages sent at the same time between the same sender and recipient as an Interchange. Both Sender and Recipient are identified in the header information for the Interchange level.

Data structure

EDIFACT provides a structure whereby data elements are assembled into composite data elements, which then are formed into directories of segments. Only one-to-many relationships can be directly supported, through nesting and repetition. Many-to-many relationships are supported indirectly through internal links in messages, or by appropriate repetitions of the relevant segment groups.

Data semantics

Existing data element directories provide the non-healthcare data elements needed. Healthcare-specific data elements need to be added for each specific requirement identified. Over time the directories will however become populated with relevant healthcare data elements and segments.

Coding scheme description

The growth and development of registered coding schemes for different sectors or application areas reduces the need for any particular DIF to have to maintain a specific set of codes to support the messages being exchanged.

Where external (non EDIFACT) coding schemes are used, the EDIFACT messages allow for the use of the Health Care Designator (HCD) to be used to reference the coding scheme. The same approach is used for coded identification schemes.

Transfer syntax

EDIFACT provides a transfer syntax, using a simple positional coding, with no explicit tagging of data fields. A limited number of specified character sets are available, with no binary coding supported. Fields are variable lengths using recognised field terminators.

1.2 EDIFACT message approval

The UN/ECE (United Nations Economic Commission for Europe), stimulated originally by the requirements of international trade, has developed a three part standardisation procedure for messages in EDIFACT. It has recently officially applied for its remit to be extended to all inter-organisational requirements for message definition. There are three major components to their work:

- Rules for the development of messages using ISO 9735: these consist of the UN/ECE syntax implementation guidelines and message design guidelines;
- Procedures for approval of submitted messages;
- Maintenance of a directory of data elements, composites, segments and codes;

ISO 9735 explicitly requires that the ISO data element directory (UNTDDED) be exclusively used and as a consequence, the UN/ECE has endorsed a subset of that directory to build approved messages. This directory sub-set is only expanded where new messages create a requirement for additions. Associated segment and composite directories are also maintained.

The UN/ECE also maintains a codes directory. This serves a number of purposes. It holds:

- qualifiers needed to support the definition of generic data elements
- codes to reference external sector coding schemes
- full code sets where no sector-specific or application-specific coding scheme is available, or where a shared coding scheme has been judged to be useful

1.3 Using EDIFACT for laboratory messaging

The following issues have arisen in submitting these laboratory message for standardisation within the EDIFACT process:

The development of personal details segments in EDIFACT to meet the needs of healthcare (a need which is shared by other sectors such as insurance and social administration)

- The development of new segments specifically to carry the healthcare objects and attributes defined in this report.
- An extension to the current method of referencing external coding schemes to carry the healthcare designator

The messages developed in this report are being submitted to the UN/ECE for approval in 1995. The draft specifications indicated in this report show the submissions made to the UN/ECE. The final decisions of the UN/ECE in these areas, may vary from the drafts submitted. The three areas listed are now considered in more detail.

1.3.1 Personal details

Requirements have been developed within the UN/ECE, specifically in the Western European EDIFACT Board MD9 (healthcare) group in association with the MD10 (insurance/social administration) group. The relevant segments (PNA/ADR) are shown in Chapter 3, data mapping tables and in Chapters 5 and 6, Message Implementation Guidelines.

1.3.2 Other new segments

A number of other new segments have been developed to meet the laboratory messaging requirement. The relevant segments are shown in Chapter 3, data mapping tables and in Chapters 5 and 6, Message Implementation Guidelines.

1.3.3 HCD

The HCD is supported by changing the EDIFACT data elements which are the universal reference to external coding or identification schemes. The following change has been submitted to the UN/ECE:

The EDIFACT data element 1131 to be extended to eight characters to allow for the holding of the six character HCD.

The ability to show any bilateral additional information, such as distinguishing a physically issued/dated code list version is not however supported. Until this change is implemented a temporary solution is required. This is indicated in Chapter 3.

1.4 Deriving EDIFACT messages from GMDs and object/attribute definitions

To create appropriate EDIFACT messages, the GMDs defined in this report which are networks of related objects must be convened into an EDIFACT hierarchical structure. The conversion method is described in 1.4.1 and 1.4.2 below. The resulting compliance tables are shown in Chapter 2.

To select/develop the appropriate EDIFACT data elements, a rigorous mapping from objects and attributes to corresponding elements in EDIFACT is carried out, supported by explicit data mapping tables, which are shown in Chapter 3. The Implementable Message Specifications in Chapters 5 and 6 also show these mappings.

1.4.1 Structure conversion

The development of the EDIFACT message follows the rules indicated. At various stages, there is scope for expert judgement on the best alternatives. It is possible therefore to arrive at more than one solution by applying these mapping rules in different ways:

- For each GMD a single object is chosen as the root of the EDIFACT message.
- Objects with a direct instance connection relationship to the root may also appear at the top level in the EDIFACT message.

- The instance connection relationships of objects at one or more levels of indirectness to the chosen root, will be resolved into hierarchical EDIFACT segment groups.
- Where a non-hierarchical connection exists in the instance connection network which constitutes the GMD, the relevant relationships require resolution.
- A judgement is made on selecting the stronger of the multiple relationships of the loop, and this relationship is used to construct the hierarchy.
- If the loop can be broken by not directly supporting a relationship without loss of functionality, then this is the preferred step.
- Where the loop cannot be broken in this way, a reference entity may need to be introduced to which can be attributed the semantics of the relationship.
- Specialisation of objects may affect both structure and data mappings. The specialisations may be able to be directly represented by qualifiers applied to the same EDIFACT segment or composite. They also share the properties of an instance connection in the way they need to be resolved to a hierarchic structure.
- Many-to-many relationships need to be specifically resolved. In this Supporting Document these relationships are often represented by the use of internal links to provide a cross-reference in the hierarchy.

1.4.2 Data mapping

A single set of tables is constructed for the objects and attributes associated with the DIM. These tables are shown in Chapter 3 in alphabetical order, following the Attributes layer description of this report:

- For each object, one or more segments are identified to support the attributes indicated.
- The relationships for any particular object are best represented by mapping to one or more segments.
- The mapping tables consists of a sequence of entries for each object. The first entry in the sequence shows the object to be mapped.
- Each mapping entry consists of either:
 - One attribute mapped to data elements in one or more segments
 - Several attributes mapped to data elements in one or more segments
- Where common attribute lists are cited in the objects/attributes definitions, each attribute in the list is reproduced in full in the mapping tables.
- The location in the EDIFACT message of each segment is shown against each entry. This location is currently described in terms of the relevant segment group in the messages to which it applies. This information could be extended to identify the segment within the segment group and a particular instance of this segment where it is used in several instances/with different qualifier values.

1.5 Complete EDIFACT message specification

As well as the EDIFACT message definitions in Chapter 4, message implementation guidelines are required to further define how the messages are to be implemented.

Chapter 5 and subsequent chapters provides the Message Implementation Guidelines which provide additional constraints on message implementation, together with useful processing information.

In any particular interworking environment, additional enhancement of the MIG will be required. This may be at a national level for instance and will show the constraints placed on message use.

These constraints may include:

- Complete segment groups or segments (marked as optional) which are not to be implemented
- Data elements (marked as optional) not to be implemented
- Segments or data elements only to be transmitted subject to specific conditions being met
- Specific coding schemes to be supported in particular instances
- Particular ranges of coding schemes to be supported

Chapter 2 Structure tables

2 Structure mapping tables

The following tables describe the mappings of relationships between the objects in the GMDs defined for laboratory messaging into the equivalent EDIFACT message definitions. Each group of tables corresponds to the mapping of one GMD to its EDIFACT equivalent. Each separate table corresponds to one of the model diagrams, which collectively define the GMD. The tables list each relationship in the relevant model diagram, starting with the superior object in the model and its relationships with other objects.

For each entry, the cardinalities in each relationship are shown, following the same conventions as used in the model. The final column indicates the equivalent EDIFACT structure, which can be checked against the relevant EDIFACT message definition, where the numbered segment groups (SGn) will be found in ascending sequence in the message.

2.1 New laboratory service order/modification (mapped to MEDREQ)

The GMD to which this refers are Figure 8 in 7.2.2 and Figure 12 in 7.3.2 of PT3-008 prENV:

Object	Cardinality	Relationship in GMD	Object	Cardinality	Equivalent relationship in MEDREQ
laboratory service order	1	instance connection	laboratory service requester	1,m	internal links from laboratory service order (SG2) to healthcare party (SG1)
laboratory service order	order: 1,m mod.: 1,m	instance connection	laboratory service provider	1,m	internal links from laboratory service order (SG2) to healthcare party (SG1)
laboratory service order	0,m	instance connection	copy destination	1	internal links from laboratory service order (SG2) to healthcare party (SG1)
laboratory service order	0,m	instance connection	intended recipient of report copy	1	internal links from laboratory service order (SG2) to healthcare party (SG1)
laboratory service order	1,m	instance connection	subject of investigation	1	subject (SG5) is nested in laboratory service order (SG2)
laboratory service order	1,m	whole-part	requested investigation	1	requested investigation is nested within subject (SG5), which itself is nested in laboratory service order (SG2)
requested investigation	0,1	instance connection	subject	0,m	requested investigation nested within subject (SG5)
requested investigation	0,m	instance connection	sample	0,m	internal links from req. invest. (SG12) to sample (SG10)
requested investigation	1	instance connection	investigation	1,m	attributes of investigation supported within requested investigation (SG12)
subject of investigation	0,m	whole-part	sample	order: 1 mod: 0,1	sample (SG10) is nested within subject (SG5)

2.2 New laboratory service report (mapped to MEDRPT)

The GMD to which this refers is Figure 15 in 7.5.2 of PT3-008 prENV:

Object	Cardinality	Relationship in GMD	Object	Cardinality	Equivalent relationship in MEDRPT
laboratory service report	0,m	instance connection	laboratory service order	1	laboratory service order (SG4) nested in laboratory service report (SG2)
laboratory service report	1	instance connection	laboratory service requester	1,m	internal links from healthcare parties (SG1) to laboratory service report (SG2)
laboratory service report	1	instance connection	laboratory service provider	1,m	internal links from healthcare parties (SG1) to laboratory service report (SG2)
laboratory service report	0,m	instance connection	copy destination	1	internal links from healthcare parties (SG1) to laboratory service report (SG2)
laboratory service report	1,m	instance connection	subject of investigation	1	subject of investigation (SG6) nested in laboratory service report (SG2)
laboratory service report	1,m	whole-part	result line	1	result line (SG13) nested within subject (SG6), which is itself nested within laboratory service report (SG2)
result line	0,1	instance connection	healthcare organisation	1,m	attributes of investigation are part of result line (SG13)
result line	0,m	Instance connection	healthcare organisation		
result line	1	Instance connection	investigation	1,m	attributes of investigation are part of result line (SG13)

The following tables are shown in common for order and report.

2.2 New laboratory service report (mapped to MEDRPT)

The GMD to which this refers is Figure 15 in 7.5.2 of PT3-008 prENV:

Object	Cardinality	Relationship in GMD	Object	Cardinality	Equivalent relationship in MEDRPT
laboratory service report	0,m	instance connection	laboratory service order	1	laboratory service order (SG4) nested in laboratory service report (SG2)
laboratory service report	1	instance connection	laboratory service requester	1,m	internal links from healthcare parties (SG1) to laboratory service report (SG2)
laboratory service report	1	instance connection	laboratory service provider	1,m	internal links from healthcare parties (SG1) to laboratory service report (SG2)
laboratory service report	0,m	instance connection	copy destination	1	internal links from healthcare parties (SG1) to laboratory service report (SG2)
laboratory service report	1,m	instance connection	subject of investigation	1	subject of investigation(SG6) nested in laboratory service report (SG2)

Object	Cardinality	Relationship in GMD	Object	Cardinality	Equivalent relationship in MEDRPT
laboratory service report	1,m	whole-part	result line	1	result line (SG13) nested within subject (SG6), which is itself nested within laboratory service report (SG2)
result line	0,1	instance connection	subject	0,m	result line (SG13) nested within subject (SG5)
result line	0,m	Instance connection	sample	0,m	internal links from sample (SG11) to result line (SG13)
result line	1	Instance connection			

The following tables are shown in common for order and report.

2.3 New laboratory service order/New laboratory service report: subject model for healthcare party

The GMDs to which this refers are Figure 9 in 7.2.3 and Figure 16 in 7.5.3 of PT3-008 prENV:

Object	Cardinality	Relationship in GMD	Object	Cardinality	Equivalent relationship in MEDREQ/MEDRPT
healthcare party	0,m	instance connection	laboratory service requester/ provider, copy destination, intended recipient of report copy (order only), origin of clinical information, supervising healthcare party, sample collector, related laboratory service provider (report only)		qualification of healthcare party (SG1)
healthcare party	0,m	instance connection	healthcare professional		qualifier used in healthcare party (SG1)
healthcare party		gen-spec	healthcare organisation		qualifier used in healthcare party (SG1)
healthcare party		gen-spec		0,m	internal links implemented within healthcare parties (SG1)
healthcare party		gen-spec		0,1	internal links implemented within healthcare parties (SG1)
healthcare professional	0,1	whole-part	healthcare administrative information	0,1	internal links from healthcare administrative information (SG8) to healthcare parties (SG1)
healthcare organisation	0,m	recursion			
healthcare organisation	0,m	instance connection			

New laboratory service order/laboratory service report: subject model for subject of investigation

The GMD to which this refers is Figure 10 in 7.2.4 and Figure 16 in 7.5.4 (reference to Figure 10) of PT3-008 prENV:

Object	Cardinality	Relationship in GMD	Object	Cardinality	Equivalent relationship in MEDREQ/MEDRPT
subject of investigation	0,m	recursion	subject of investigation	0,m	Repetition of subject of investigation (SG5)
subject		gen-spec	animal		common attributes in subject of investigation(MEDREQ: SG5, MEDRPT: SG6) with specific attributes in animal (MEDREQ: SG7, MEDRPT: SG8)
subject		gen-spec	patient		common attributes in subject of investigation(MEDREQ: SG5, MEDRPT: SG6) with specific attributes in patient (MEDREQ: SG6, MEDRPT: SG7)
subject		gen-spec	material		attributes included in subject of investigation (MEDREQ: SG5, MEDRPT: SG6)
subject	0,m	instance connection	item of clinical information	1	item of clinical information (SG9) nested in subject (MEDREQ: SG5, MEDRPT: SG6)
subject	0,m	instance connection	healthcare administrative information	1	healthcare administrative information (MEDREQ: SG8, MEDRPT: SG9) nested in subject (SG5)
subject	0,m	instance connection	supervising healthcare party	1,m	internal links from subject (MEDREQ: SG5, MEDRPT: SG6) and h/care parties (SG1)
item of clinical information	0,1	instance connection	origin of medical information	1,m	internal links between item of clinical information (MEDREQ: SG9, MEDRPT: SG10) and healthcare parties (SG1)
clinical information		gen-spec	clinical observation		attributes of clinical observation in item of clinical information (MEDREQ: SG9, MEDRPT: SG10)
clinical observation		gen-spec	measurable quantity		all attributes of measurable quantity in item of clinical information (MEDREQ: SG9, MEDRPT: SG10)
item of clinical information		gen-spec	intervention information		attributes of intervention information in item of clinical observation (MEDREQ: SG9, MEDRPT: SG10)
intervention information		gen-spec			all attributes of drug are in item of clinical information (MEDREQ: SG9, MEDRPT: SG10)

New laboratory service order/laboratory service report: subject model for sample

The GMD to which this refers is Figure 11 in 7.2.5 and Figure 16 in 7.5.5 of PT3-008 prENV:

Object	Cardinality	Relationship in GMD	Object	Cardinality	Equivalent relationship in MEDREQ/MEDRPT
sample	0,1	instance connection	sample collector	1,m	internal links from sample (MEDREQ: SG10, MEDRPT: SG11) to sample collector (healthcare parties, SG1)
sample	0,1	instance connection	sample collection location	1,m	internal links from sample (MEDREQ: SG10, MEDRPT: SG11) to sample collection location (healthcare parties, SG1)
sample	0,m	instance connection	pre-treatment	1,m	pre-treatment (MEDREQ: SG11, MEDRPT: SG12) nested in sample (MEDREQ: SG10, MEDRPT: SG11) and repeated as necessary.
sample (order only)		gen-spec	sample to be collected		both objects mapped in sample (MEDREQ: SG10, MEDRPT: SG11)
sample		gen-spec	collected sample		both objects in Sample (MEDREQ: SG10, MEDRPT: SG11)
collected sample	0,1	recursion	collected sample	0,m	internal links from sample (MEDREQ: SG10, MEDRPT: SG11) cross-reference between multiple samples

NOTE tables are not shown for Figure 13, Figure 14, Figure 17, Figure 19 and Figure 20 of PT3-008 prENV as the appropriate mappings are clear from the above mapping tables.

Chapter 3 Data Tables

3.0 Data Tables

The data tables follow the mapping approach described in 1.4.2.

Objects and attributes defined in the attribute layer are mapped to the EDIFACT messages MEDREQ and MEDRPT. These message support all the GMDs defined and therefore the tables represent a complete mapping.

3.1 Animal

OBJECT/ ATTRIBUTE GROUP	ATTRIBUTES	M/O/D	MEDREQ	MEDRPT	SEGMENT	COMPOSITE	DATA ELEMENT	M/C	DESCRIPTION	REMARKS
ANIMAL	species of animal (C/S)	M	SG 7	SG 8	ANI	C833	7869	C	ANIMAL	Animal qualifier expresses the role/function of the animal, not the species.
	breed of animal (C/S)	O					7871	M	ANIMAL QUALIFIER	
	name of animal (S)	O					1131	C	ANIMAL SPECIES DETAILS	
	animal sex (V)	O					3055	C	Animal species, coded	
						C834	7870	C	Code list qualifier	Animal is a specialisation of subject of investigation.
							7873	C	Code list responsible agency	
							1131	C	Animal species	
							3055	C	ANIMAL BREED DETAILS	
						C835	7872	C	Animal breed, coded	
							3917	C	Code list qualifier	
							3848	C	Code list resp. agency, coded	
							7402	C	Animal breed	
							1131	C	SEX	
							3055	C	ANIMAL IDENTIFICATION DETAILS	
							7402	C	Animal name	
							1131	C	Identity	
							3055	C	Code list qualifier	
								C	Code list resp. agency, coded	
animal owner person name details (AG)	family name (S)	M	SG 7	SG 8	PNA	C206	3035	C	PERSON NAME	unstructured name must be present when person name is not present.
	first given name (S)	O					7402	M	PARTY QUALIFIER	
	middle name (S)	O					7405	C	IDENTIFICATION NUMBER	
	title (S)	O					3039	M	Identity number	
	generation qualifier (S)	O				C816	1131	C	Identity number qualifier	family name must be present when unstructured name is not present
	unstructured name (S)	O					3055	C	Party id identification	
							4405	C	Code list qualifier	
							3797	C	Code list responsible agency, coded	
						C816	3799	C	Status coded	
							3835	C	NAME TYPE, CODED	
							3836	C	NAME STATUS, CODED	
							3839	C	NAME COMPONENT DETAILS	
						C816	3841	M	Name component qualifier	
							3835	M	Name component	
							3836	C	Name component status, coded	
							3839	C	Name comp. original representation, coded	
							3841	C	NAME COMPONENT DETAILS	
							3835	C	Name component qualifier	
							3836	M	Name component	
							3839	C	Name component status, coded	
							3841	C	Name comp. original representation, coded	

OBJECT/ ATTRIBUTE GROUP	ATTRIBUTES	M/O/D	MEDREQ	MEDRPT	SEGMENT	COMPOSITE	DATA ELEMENT	M/C	DESCRIPTION	REMARKS
						C816	3835 3836 3839 3841	C C M C	NAME COMPONENT DETAILS Name component qualifier Name component Name component status, coded Name comp. original representation, coded	
						C816	3835 3836 3839 3841	C C M C	NAME COMPONENT DETAILS Name component qualifier Name component Name component status, coded Name comp. original representation, coded	
						C816	3835 3836 3839 3841	C C M C	NAME COMPONENT DETAILS Name component qualifier Name component Name component status, coded Name comp. original representation, coded	
	date and time of birth (TOCD) date and time of death (TOCD)	O O	SG 7	SG 8	DTM	C507	2005 2782 2379	C C M C	DATE/TIME/PERIOD DATE/TIME/PERIOD date/time/period qualifier date/time/period date/time/period format qualifier	Various formats of date and time are possible. In case the exact date/time is unknown, year only or year+month or year+month+day are also sufficient.

3.2 Clinical information

OBJECT/ ATTRIBUTE GROUP	ATTRIBUTES	M/O/D	MEDREQ	MEDRPT	SEGMENT	COMPOSITE	DATA ELEMENT	M/C	DESCRIPTION	REMARKS
CLINICAL INFORMATION	date and time of clinical information	O	SG 9	SG 10	DTM	C507	2005 2782 2379	C C M C	DATE/TIME/PERIOD DATE/TIME/PERIOD date/time/period qualifier date/time/period date/time/period format qualifier	
period of clinical information (AG)	start date and time of clinical information (TOCD)	O								either start or end date/time must be present.
	end date and time of clinical information (TOCD)	O								

3.3 Clinical investigation

OBJECT/ ATTRIBUTE GROUP	ATTRIBUTES	M/O/D	MEDREQ	MEDRPT	SEGMENT	COMPOSITE	DATA ELEMENT	M/C	DESCRIPTION	REMARKS
CLINICAL INVESTIGATION	identification of clinical investigation (C)	M	SG 10	SG 11	INV	C847	9927	C	INVESTIGATION	
	L-specifications to clinical investigation (C/S)	O						M	INVESTIGATION CHARACTERISTIC QUALIFIER	
	L-comment to clinical investigation (C/S)	O					9931	C	INVESTIGATION CHARACTERISTIC DETAILS	
							1131	C	Investigation characteristic identification	
							3055	C	Code list qualifier	
							9930	C	Code list responsible agency, coded	
					FTX	C107		C	Investigation characteristic	
							4451	C	FREE TEXT	
							4453	M	TEXT SUBJECT QUALIFIER	
								C	TEXT FUNCTION, CODED	
							4441	C	TEXT REFERENCE	
						C108		M	Free text identification	
							1131	C	Code list qualifier	
							3055	C	Code list resp. agency, coded	
								C	TEXT LITERAL	
							4440	M	Free text	
							4440	C	Free text	
							4440	C	Free text	
							4400	C	Free text	
							4440	C	Free text	
							3453	C	LANGUAGE, CODED	

3.4 Clinical investigation result item

OBJECT/ ATTRIBUTE GROUP	ATTRIBUTES	M/O/D	MEDREQ	MEDRPT	SEGMENT	COMPOSITE	DATA- ELEMENT	M/C	DESCRIPTION	REMARKS
CLINICAL INVESTIGATION RESULT ITEM	service type of clinical investigation result item (V)	O	SG 10	SG 11	GIS	C529		C	GENERAL INDICATOR	
							7365	M	PROCESSING INDICATOR	
							1131	M	Processing indicator, coded	
							3055	C	Code list qualifier	
								C	Code list responsible agency, coded	
	identification of clinical investigation result item (S)	O	SG 10	SG 11	REF	C506	7187	C	Processing indicator	
								C	REFERENCE	
							1153	M	REFERENCE	
							1154	C	Reference qualifier	
							1156	C	Reference number	
							4000	C	Line number	
								C	Reference version number	

OBJECT/ ATTRIBUTE GROUP	ATTRIBUTES	M/O/D	MEDREQ	MEDRPT	SEGMENT	COMPOSITE	DATA- ELEMENT	M/C	DESCRIPTION	REMARKS
numerical measurement result (AG) uncertainty interval of a measurement result (AG)	arithmetic comparator (V)	O	SG 10	SG 11	RSL	C830	7853	C M	OBSERVATION RESULT RESULT TYPE, CODED	Either upper limit or lower limit of uncertainty interval must be present, when used. Unit of measurement must be present when either numerical value of a measurement result or uncertainty interval of a measurement result is present.
	numerical value of a measurement result (R)	O					6314 6321	C M	RESULT VALUE DETAILS Measurement value Measurement significance, coded	
	unit of measurement (C/S)	O					6155	C	Measurement attribute identification	
	lower limit of uncertainty interval of a measurement value (R)	O					1131 3055	C C	Code list qualifier Code list resp. agency, codedResult value string	
	upper limit of uncertainty interval of a measurement value (R)	O				C830	7854	C	Result value string	
		O					6314 6321	C M	RESULT VALUE DETAILS Measurement value Measurement significance, coded	
		O					6155	C	Measurement attribute identification	
	unit of uncertainty interval values (C/S)	O				C848	1131 3055	C C	Code list qualifier Code list resp. agency, codedResult value string	
	status of clinical investigation (result item) (V)	O					7854	C	Result value string	
	deviating result indicator (V)	O					6411	C	MEASUREMENT UNIT DETAILS Measurement unit identification	
							1131 3055	C C	Code list qualifier Code list responsible agency, coded	
							6410 7857	C C	Measurement unit RESULT NORMALCY INDICATOR, CODED	
	L-comment to clinical investigation result item (C/S)	O	SG 10	SG 11	FTX	C107	4451	C M	FREE TEXT TEXT SUBJECT QUALIFIER	
	text value of a clinical investigation result item (LC/S)	O					4453	C	TEXT FUNCTION, CODED	
							4441	M	TEXT REFERENCE Free text, coded	
							1131 3055	C C	Code list qualifier Code list responsible agency, coded	

OBJECT/ ATTRIBUTE GROUP	ATTRIBUTES	M/O/D	MEDREQ	MEDRPT	SEGMENT	COMPOSITE	DATA- ELEMENT	M/C	DESCRIPTION	REMARKS
						C108	4440 4440 4440 4400 4440 3453	C M C C C C	TEXT LITERAL Free text Free text Free text Free text Free text LANGUAGE CODED	
	date value of a clinical investigation result item (TOCD)	O	SG 10	SG 11	DTM	C507	2005 2782 2379	C M M C C	DATE/TIME/PERIOD DATE/TIME/PERIOD Date/time/period qualifier date/time/period date/time/period format qualifier	
	date and time of clinical investigation (TOCD)	O								
	date and time of clinical investigation (result item)	O								
	status change (TOCD)									
L-reference limit (AG)	numerical reference limit of quantity (AG):	O	SG 11	SG 12	RND	C848	6727 6162 6152	C M C C	RANGE DETAILS RANGE TYPE QUALIFIER RANGE MINIMUM RANGE MAXIMUM MEASUREMENT UNIT DETAILS	Either upper or lower limit must be present.
	numerical value of lower reference limit of quantity (R)	O					6411	C	Measurement unit identification	
	numerical value of upper reference limit of quantity (R)	O					1131 3055	C C	Code list qualifier Code list responsible agency, coded	
	unit of numerical reference limit values (C/S)	O					6410	C	Measurement unit	
	type of reference interval (V)	O								
	textual reference limit of clinical investigation result item (LC/S)	O	SG 11	SG 12	FTX	C107	4451 4453 4441 1131 3055	C M C C M C C	FREE TEXT TEXT SUBJECT QUALIFIER TEXT FUNCTION, CODED TEXT REFERENCE Free text, coded Code list qualifier Code list responsible agency, coded	

OBJECT/ ATTRIBUTE GROUP	ATTRIBUTES	M/O/D	MEDREQ	MEDRPT	SEGMENT	COMPOSITE	DATA- ELEMENT	M/C	DESCRIPTION	REMARKS
						C108	4440 4440 4440 4440 4440 3453	C M C C C C	TEXT LITERAL Free text Free text Free text Free text Free text LANGUAGE CODED	
	reference population definition (LC/S)	O	SG 11	SG 12	CCI	C502 C240	7059 6313 6321 6155 7037 1131 3055 7036 7036	C C C C C C M C C C C	CHARACTERISTIC/CLASS ID PROPERTY CLASS, CODED MEASUREMENT DETAILS Measurement dimension, coded Measurement significance, coded Measurement attribute, coded PRODUCT CHARACTERISTIC Characteristic identification Code list qualifier Code list responsible agency, coded Characteristic Characteristic	

3.4 Clinical observation

OBJECT/ ATTRIBUTE GROUP	ATTRIBUTES	M/O/D	MEDREQ	MEDRPT	SEGMENT	COMPOSITE	DATA- ELEMENT	M/C	DESCRIPTION	REMARKS
CLINICAL OBSERVATION	type of clinical observation (V) clinical observation description (LC+S) degree of certainty of clinical observation (C/S)	M O O	SG 9	SG 10		C836 C837	6810 6813 1131 3055 6812 4803 1131 3055 4802	C M C C C C C C C C C	CLINICAL INFORMATION CLINICAL INFORMATION QUALIFIER CLINICAL INFORMATION DETAILS Clinical information identification Code list qualifier Code list resp. agency, coded Clinical information CERTAINTY DETAILS Certainty, coded Code list qualifier Code list resp. agency, coded Certainty	

OBJECT/ ATTRIBUTE GROUP	ATTRIBUTES	M/O/D	MEDREQ	MEDRPT	SEGMENT	COMPOSITE	DATA- ELEMENT	M/C	DESCRIPTION	REMARKS
						C107	4451 4453	C M	FREE TEXT TEXT SUBJECT QUALIFIER	
						C108	4441 1131 3055 4440 4440 4440 4440 3453	C M C C C C C C	TEXT FUNCTION, CODED TEXT REFERENCE Free text identification Code list qualifier Code list resp. agency, coded TEXT LITERAL Free text Free text Free text Free text Free text LANGUAGE, CODED	
	language of clinical observation (V)	O	SG9	SG10	LAN	C508	3781 3453 3752	M O O	LANGUAGE QUALIFIER Language, coded Language	

3.6 Collected sample

OBJECT/ ATTRIBUTE GROUP	ATTRIBUTE	M/O/D	MEDREQ	MEDRPT	SEGMENT	COMPOSITE	DATA- ELEMENT	M/C	DESCRIPTION	REMARKS
COLLECTED SAMPLE	date and time of sample collection (TOCD)	O	SG 15	SG 16	DTM	C507		C	DATE/TIME/PERIOD	
	period of sample collection (AG):	O					2005	M	DATE/TIME/PERIOD	
	— start date and time of sample collection (TOCD)	O					2782	M	Date/time/period qualifier	
	— end date and time of sample collection (TOCD)	O					2379	C	Date/time/period	
	duration of sample collection (AG)	O						C	Date/time/period format qualifier	
	— numerical value of duration of sample collection (R)	O								
	— unit of duration of sample collection (V)	O								
	date and time of receipt of collected sample (TOCD)	O								

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OBJECT/ ATTRIBUTE GROUP	ATTRIBUTE	M/O/D	MEDREQ	MEDRPT	SEGMENT	COMPOSITE	DATA- ELEMENT	M/C	DESCRIPTION	REMARKS
	L-sample handling warning (C/S)	O	SG 15	SG 16	HAN	C524 C218	4079 1131 3055 4078 7419 1131 3055 7418	C C C C C C C C C C	HANDLING INSTRUCTIONS HANDLING INSTRUCTIONS Handling instructions, coded Code list qualifier Code list resp. agency Handling instructions HAZARDOUS MATERIAL Hazardous material class code, identification Code list qualifier Code list responsible agency, coded Hazardous material	
	L-collector's comments (C/S)	O	SG 15	SG 16	FTX	C107 C108	4451 4453 4441 1131 3055 4440 4440 4440 4440 4440 3453	C M C C M C C M C C C C	FREE TEXT TEXT SUBJECT QUALIFIER TEXT FUNCTION, CODED TEXT REFERENCE Free text, coded Code list qualifier Code list responsible agency, coded TEXT LITERAL Free text Free text Free text Free text Free text LANGUAGE CODED	

3.7 Copy destination

OBJECT/ ATTRIBUTE GROUP	ATTRIBUTES	M/O/D	MEDREQ	MEDRPT	SEGMENT	COMPOSITE	DATA- ELEMENT	M/C	DESCRIPTION	REMARKS
COPY DESTINATION	no attributes defined, see model.									specialisation of Health Care party role

3.9 Health care administrative information

OBJECT/ ATTRIBUTE GROUP	ATTRIBUTES	M/O/D	MEDREQ	MEDRPT	SEGMENT	COMPOSITE	DATA- ELEMENT	M/C	DESCRIPTION	REMARKS
HEALTH CARE ADMINISTRATIVE INFORMATION	admission date and time (TOCD)	O	SG 8	SG 9	DTM	C507	2005 2380 2379	C	DATE/TIME/PERIOD	
								M	DATE/TIME/PERIOD	
	discharge date and time (TOCD)	O						C	Date/time/period qualifier	
								C	Date/time/period	
L-ward stay (AG)	start date and time of ward stay (TOCD)	O							Date/time/period format qualifier	
	end date and time of ward stay (TOCD)	O								

OBJECT/ ATTRIBUTE GROUP	ATTRIBUTES	M/O/D	MEDREQ	MEDRPT	SEGMENT	COMPOSITE	DATA- ELEMENT	M/C	DESCRIPTION	REMARKS
L-ward stay (AG)	ward (C/S)	O	SG 8	SG 9	LOC		3227	M	PLACE/LOCATION IDENTIFICATION	
	room (S)	O				C517		C	PLACE/LOCATION QUALIFIER	
	bed (S)	O				C519	3225	C	LOCATION IDENTIFICATION	
							1131	C	Place/location identification	
							3055	C	Code list qualifier	
							3224	C	Code list resp. agency, coded	
								C	Place/location	
								C	RELATED LOCATION ONE ID.	
						C553	3765	C	Related place/loc. one id.	
							1131	C	Code list qualifier	
							3055	C	Code list resp. agency, coded	
							3765	C	Related place/location one	
								C	RELATED LOCATION TWO ID.	
							3763	C	Related place/loc. two id.	
							1131	C	Code list qualifier	
							3055	C	Code list resp. agency, coded	
							3763	C	Related place/location two	
							5479	C	RELATION, CODED	
L-ward stay (AG)	administrative status of a subject of investigation (V)	O	SG 8	SG 9	PAS	C839	9933	C M C	PATIENT ATTENDANCE ATTENDANCE QUALIFIER	
							7881	C	PATIENT CATEGORY	
							1131	C	DETAILS	
							3055	C	Patient category, coded	
						C840	7880	C	Code list qualifier	
								C	Code list responsible agency, coded	
								C	Patient category	
								C	ADMISSION TYPE DETAILS	
						C841	9935	C	Admission type, coded	
							1131	C	Code list qualifier	
							3055	C	Code list responsible agency, coded	
							9934	C	Admission type	
								C	DISCHARGE TYPE DETAILS	
							9937	C	Discharge type, coded	
							1131	C	Code list qualifier	
							3055	C	Code list responsible agency, coded	
							9936	C	Discharge type	

3.10 Healthcare organisation

OBJECT/ ATTRIBUTE GROUP	ATTRIBUTES	M/O/D	MEDREQ	MEDRPT	SEGMENT	COMPOSITE	DATA- ELEMENT	M/C	DESCRIPTION	REMARKS
HEALTHCARE ORGANISATION	name of health care organisation (S)	O	SG 1	SG 1	NAD	C082	3035	C	NAME AND ADDRESS	Name of health care organisation must be present when laboratory service requester identification of healthcare party is not present.
	type of healthcare organisation (V)	O					3039	M	PARTY QUALIFIER	
						C058	1131	C	PARTY IDENTIFICATION DETAILS	
							3055	C	Party id identification	
						C080	3124	C	Code list qualifier	
							3124	C	Code list resp. agency coded	
						C059	3124	C	NAME AND ADDRESS	
							3124	M	Name and address line	
							3124	C	Name and address line	
							3124	C	Name and address line	
							3124	C	Name and address line	
							3036	C	PARTY NAME	
							3036	M	Party name	
							3036	C	Party name	
							3036	C	Party name	
							3036	C	Party name	
							3045	C	Party name format coded	
							3042	C	STREET	
							3042	M	Street and number/P.O. Box	
							3042	C	Street and number/P.O. Box	
							3164	C	Street and number/P.O. Box	
							3229	C	CITY NAME	
							3251	C	COUNTRY SUB-ENTITY IDENTIFICATION	
							3207	C	POSTCODE IDENTIFICATION COUNTRY CODED	

3.11 Healthcare party

OBJECT/ ATTRIBUTE GROUP	ATTRIBUTES	M/O/D	MEDREQ	MEDRPT	SEGMENT	COMPOSITE	DATA- ELEMENT	M/C	DESCRIPTION	REMARKS
HEALTHCARE PARTY	partner agreed identification of healthcare party (S)	O	SG1	SG1	NAD	C082	3035	C M C	NAME AND ADDRESS PARTY QUALIFIER PARTY IDENTIFICATION DETAILS	
	Health care registration identification (V)	O				C058	3039 1131 3055	M C C	Party id identification Code list qualifier Code list resp. agency coded	
							3124 3124 3124 3124 3124	C M C C C	NAME AND ADDRESS Name and address line Name and address line Name and address line Name and address line	
						C080	3124	C	Name and address line	
								C	PARTY NAME	
							3036 3036 3036 3036 3036	M C C C C	Party name Party name Party name Party name Party name	
						C059	3045	C	Party name format coded	
								C	STREET	
							3042 3042 3042	M C C	Street and number/P.O. Box Street and number/P.O. Box Street and number/P.O. Box	
							3164 3229	C C	CITY NAME COUNTRY SUB-ENTITY IDENTIFICATION	
							3251	C	POSTCODE	
							3207	C	IDENTIFICATION COUNTRY CODED	
L-address (CAG)	L-address type (V)	O	SG 1	SG 1	ADR	C817		C C	ADDRESS ADDRESS USAGE	
	street name (S)	O					3787 3785	C C	Address function, coded Address type, coded	
	number or name of house (S)	O					3789	C	Address status, coded	
	apartment number (S)	O				C090		C	ADDRESS DETAILS	
							3843	M	Address format, coded	
	P.O. Box number (S)	O					3794 3794	M C	Address component Address component	
							3794	C	Address component	
	city district (C/S)	O					3794	C	Address component	

OBJECT/ ATTRIBUTE GROUP	ATTRIBUTES	M/O/D	MEDREQ	MEDRPT	SEGMENT	COMPOSITE	DATA- ELEMENT	M/C	DESCRIPTION	REMARKS
	Postal code (S)	O					3164 3251	C C	CITY NAME POSTCODE	
	City (S)	O				C819	3207	C C	IDENTIFICATION COUNTRY, CODED COUNTRY SUB-ENTITY DETAILS	
	area of country/ county (C/S)	O					3229	C	Country sub-entity identification	
	country (V)	O				C517	1131 3055 3228	C C C	Code list qualifier Code list resp. agency, coded Country sub-entity LOCATION	
	unstructured address line (S)	O					3225 1131 3055 3224	C C C C	IDENTIFICATION Place/location identification Code list qualifier Code list resp. agency, coded Place/location	
	identification of healthcare party by laboratory service requester (S)	O	SG 1	SG 1	RFF	C506	1153 1154 1156	C C M C C	REFERENCE REFERENCE Reference qualifier Reference number Line number	
	identification of healthcare party	O								
	by laboratory service provider (S)						4000	C	Reference version number	
L-telecommunication (CAG)	L-telecommunication type (V)	M	SG 1	SG 1	COM			C	COMMUNICATION	
	telecommunication country code (S)	O				C076	3148 3155	M M M	CONTACT COMMUNICATION CONTACT Communication number Communication channel qualifier	
	telecommunication area code (S)	O								
	telecommunication number (S)	O								
	telecommunication extension number (S)	O								
	unstructured telecommunication number (S)	O								

OBJECT/ ATTRIBUTE GROUP	ATTRIBUTES	M/O/D	MEDREQ	MEDRPT	SEGMENT	COMPOSITE	DATA- ELEMENT	M/C	DESCRIPTION	REMARKS
	unstructured telecommunication number (S)	O	SG 1	SG 1	FTX	C107	4451 4453 4441 1131 3055	C M C M C C	FREE TEXT TEXT SUBJECT QUALIFIER TEXT FUNCTION, CODED TEXT REFERENCE Free text, coded Code list qualifier Code list responsible agency, coded	Alternative FTX segment provided for unstructured number which exceeds space available
						C108	4440 4440 4440 4440 4440 3453	C M C C C C	TEXT LITERAL Free text Free text Free text Free text Free text LANGUAGE CODED	
	language (V)	O	SG1	SG1	LAN	C508	3781 3453 3752	C M M O O	LANGUAGE LANGUAGE QUALIFIER LANGUAGE DETAILS Language, coded Language	

3.12 Healthcare party role

OBJECT/ ATTRIBUTE GROUP	ATTRIBUTES	M/O/D	MEDREQ	MEDRPT	SEGMENT	COMPOSITE	DATA- ELEMENT	M/C	DESCRIPTION	REMARKS
HEALTH CARE PARTY ROLE	No specific attributes.									

3.13 Healthcare professional

OBJECT/ ATTRIBUTE GROUP	ATTRIBUTES	M/O/D	MEDREQ	MEDRPT	SEGMENT	COMPOSITE	DATA- ELEMENT	M/C	DESCRIPTION	REMARKS
HEALTH CARE PROFESSIONAL person name details (CAG)	family name (S)	O	SG 1	SG 1	NAD	C082	3035	C	NAME AND ADDRESS	
	first given name (S)	O						M	PARTY QUALIFIER	
								C	PARTY IDENTIFICATION	
	middle name (S)	O				C058	3039	M	Party id identification	
							1131	C	Code list qualifier	
	title (S)	O					3055	C	Code list resp. agency coded	
								C	NAME AND ADDRESS	
	generation qualifier (S)	O					3124	M	Name and address line	
							3124	C	Name and address line	
	name suffix (S)	O				C080	3124	C	Name and address line	
							3124	C	Name and address line	
	unstructured name (S)	O					3124	C	Name and address line	
								C	PARTY NAME	
							3036	M	Party name	
							3036	C	Party name	
							3036	C	Party name	
							3036	C	Party name	
							3036	C	Party name	
						C059	3045	C	Party name format coded	
								C	STREET	
							3042	M	Street and number/P.O. Box	
							3042	C	Street and number/P.O. Box	
							3042	C	Street and number/P.O. Box	
							3164	C	CITY NAME	
							3229	C	COUNTRY SUB-ENTITY	
								C	IDENTIFICATION	
							3251	C	POSTCODE	
								C	IDENTIFICATION	
							3207	C	COUNTRY CODED	
	type of healthcare professional (V)	O	SG 1	SG 1	SPR	C844	3830	C	SERVICE PROVIDER	
								M	SERVICE PROVIDER	
								C	QUALIFIER	
	medical specialty of healthcare professional (C/S)	O				C845		C	SERVICE PROVIDER TYPE	
							3829	C	DETAILS	
		O						C	Service provider type	
	position of healthcare professional (C/S)						1131	C	identification,	
							3055	C	Code list qualifier, coded	
							3828	C	Code list resp. agency coded	
								C	Service provider type	
								C	SPECIALITY DETAILS	
							3811	C	Speciality identification	

OBJECT/ ATTRIBUTE GROUP	ATTRIBUTES	M/O/D	MEDREQ	MEDRPT	SEGMENT	COMPOSITE	DATA- ELEMENT	M/C	DESCRIPTION	REMARKS
	military rank of healthcare professional (C/S)	O				C846	1131 3055 3810	C C C	Code list qualifier, coded Code list resp. agency coded Speciality SERVICE PROVIDER POSITION DETAILS	
						C846	3813 1131 3055 3812	C C C C	Service provider position, coded Code list qualifier, coded Code list resp. agency coded Service provider position SERVICE PROVIDER POSITION DETAILS	
						C846	3813 1131 3055 3812	C C C C	Service provider position, coded Code list qualifier, coded Code list resp. agency coded Service provider position SERVICE PROVIDER POSITION DETAILS	
							3813 1131 3055 3812	C C C C	Service provider position, coded Code list qualifier, coded Code list resp. agency coded Service provider position	
	L-qualification of healthcare professional (C/S)	O	SG 1	SG 1	QUA	C843	9939 9941 1131 3055 9940	C C C C C	QUALIFICATION QUALIFICATION QUALIFIER QUALIFICATION DETAILS Qualification identification Code list qualifier, coded Code list resp. agency coded Qualification	

3.14 Intended recipient of report copy

OBJECT/ ATTRIBUTE GROUP	ATTRIBUTES	M/O/D	MEDREQ	MEDRPT	SEGMENT	COMPOSITE	DATA- ELEMENT	M/C	DESCRIPTION	REMARKS
INTENDED RECIPIENT OF REPORT COPY	no attributes defined, see model.									Specialisation of health care party role.

3.15 Intervention information

OBJECT/ ATTRIBUTE GROUP	ATTRIBUTES	M/O/D	MEDREQ	MEDRPT	SEGMENT	COMPOSITE	DATA- ELEMENT	M/C	DESCRIPTION	REMARKS
INTERVENTION INFORMATION	intervention type (V)	M	SG 13	SG 14	CLI	C827	9919	C	CLINICAL INTERVENTION	Specialisation of item of clinical information.
	intervention description (C/S)	O						M	CLINICAL INTERVENTION QUALIFIER	
								C	CLINICAL INTERVENTION DETAILS	
							9923	C	Clinical intervention identification	
							1131	C	Code list qualifier	
							3055	C	Code list resp. agency, coded	
9922	C	Clinical intervention								

3.16 Laboratory investigation

OBJECT/ ATTRIBUTE GROUP	ATTRIBUTES	M/O/D	MEDREQ	MEDRPT	SEGMENT	COMPOSITE	DATA- ELEMENT	M/C	DESCRIPTION	REMARKS
LABORATORY INVESTIGATION	observable property attribute (C/S)	O	SG 17	SG 18	INV	C847	9927	C	INVESTIGATION	Observable property attribute must be present and may only be present if neither observable property attribute group nor measurable quantity attribute nor measurable quantity attribute group are present.
	observable property attribute group (AG)	O						M	INVESTIGATION CHARACTERISTIC QUALIFIER	
		M						M	INVESTIGATION CHARACTERISTIC DETAILS	
	component (C/S)	M						C	Investigation characteristic identification	
	property (C/S)	O						C	Code list qualifier	
	measurable quantity attribute group (AG)	O						C	Code list responsible agency, coded	
		O						C	Investigation characteristic	
	measurable quantity attribute (C/S)	O								
	system (C/S)	O								

OBJECT/ ATTRIBUTE GROUP	ATTRIBUTES	M/O/D	MEDREQ	MEDRPT	SEGMENT	COMPOSITE	DATA- ELEMENT	M/C	DESCRIPTION	REMARKS
	component (C/S) quantity (C/S) compound (C/S) L-specifications to observable property/ measurable quantity (C/S) principle of measurement (C/S) method of measurement (C/S) measurement procedure (C/S)	O O O O O O								Measurable quantity attribute must be present and may only be present if neither measurable quantity attribute group nor observable property attribute nor observable property attribute group are present. Measurable quantity attribute group must be present and may only be present if neither measurable quantity attribute nor observable property attribute nor observable property attribute group are present.
	L-comment to laboratory investigation (C/S)	O	SG 17	SG 18	FTX		4451	C M	FREE TEXT TEXT SUBJECT QUALIFIER	
						C107 C108	4453 4441 1131 3055 4440 4440 4440 4440 4440 3453	C C M C C C M C C C C	TEXT FUNCTION, CODED TEXT REFERENCE Free text, coded Code list qualifier Code list responsible agency, coded TEXT LITERAL Free text Free text Free text Free text Free text LANGUAGE CODED	

OBJECT/ ATTRIBUTE GROUP	ATTRIBUTES	M/O/D	MEDREQ	MEDRPT	SEGMENT	COMPOSITE	DATA- ELEMENT	M/C	DESCRIPTION	REMARKS
L-Laboratory investigation cost (AG)	laboratory investigation cost type (V)	O	SG 17	SG 18	MOA	C516	5025	C M	MONETARY AMOUNT Monetary amount type qualifier Monetary amount Currency, coded Currency qualifier Status, coded	
	laboratory investigation cost amount value (R)	M					5004 6345 6343 4405	M C C C		
	laboratory investigation cost currency unit (V)	O								
	measuring equipment (C/S)	O		SG 18	EQD	C237	8053	C M C	EQUIPMENT DETAILS EQUIPMENT QUALIFIER EQUIPMENT IDENTIFICATION Equipment identification number Code list qualifier Code list responsible agency EQUIPMENT SIZE AND TYPE Equipment size and type identification Code list qualifier Code list responsible agency, coded Equipment size and type EQUIPMENT SUPPLIER, CODED EQUIPMENT STATUS, CODED FULL/EMPTY INDICATOR, CODED	
							8260	C		
							1131 3055	C C		
						C224				
							8155	C		
							1131 3055	C C		
							8154 8077	C C		
							8249	C		
							8169	C		

3.17 Laboratory investigation result item

OBJECT/ ATTRIBUTE GROUP	ATTRIBUTES	M/O/D	MEDREQ	MEDRPT	SEGMENT	COMPOSITE	DATA- ELEMENT	M/C	DESCRIPTION	REMARKS
LABORATORY INVESTIGATION RESULT ITEM	service type of laboratory investigation result item (V)	M		SG 18	GIS	C529	7365	C	GENERAL INDICATOR	
							1131	M	PROCESSING INDICATOR	
							3055	C	Processing indicator, coded	
							7187	C	Code list qualifier	
	identification of laboratory investigation result item (S)	O		SG 18	REF	C506		C	Code list responsible agency, coded	
								C	Processing indicator	
							1153	M	REFERENCE	
							1154	C	REFERENCE	
numerical measurement result (AG)	arithmetic comparator (V)	O		SG 18	RSL	C830	7853	C	Reference number	Either upper limit or lower limit must be present.
							6314	M	REFERENCE	
							6321	C	Reference qualifier	
	numerical value of a measurement result (R)	O					6155	C	Reference number	
							1131	C	Line number	
							3055	C	Reference version number	
	unit of measurement result (C/S)	O					7854	C	OBSERVATION RESULT	
								C	RESULT TYPE, CODED	
								C	RESULT VALUE DETAILS	
	lower limit of uncertainty interval of a measurement value (R)	O				C830	6314	M	Measurement value	
							6321	C	Measurement significance, coded	
							6155	C	Measurement attribute identification	
uncertainty interval of a measurement result (AG)	unit of measurement result (C/S)	O					1131	C	Code list qualifier	
							3055	C	Code list resp. agency, coded	
								C	Result value string	
	upper limit of uncertainty interval of a measurement value (R)	O				C830	7854	C	Result value string	
								C	RESULT VALUE DETAILS	
							6314	M	Measurement value	
	unit of uncertainty interval values (C/S)	O					6321	C	Measurement significance, coded	
							6155	C	Measurement attribute identification	
							1131	C	Code list qualifier	
	deviating result indicator (V)	O					3055	C	Code list resp. agency, coded	
								C	Result value string	
							7854	C	MEASUREMENT UNIT DETAILS	
	text value of a laboratory investigation result item (LC/S)	O				C848	6411	C	Measurement unit identification	text value alternatively held (as diagnosis) in CIN
							1131	C	Code list qualifier	
							3055	C	Code list responsible agency, coded	
							6410	C	Measurement unit	
		O					7857	C	RESULT NORMALCY INDICATOR, CODED	

OBJECT/ ATTRIBUTE GROUP	ATTRIBUTES	M/O/D	MEDREQ	MEDRPT	SEGMENT	COMPOSITE	DATA- ELEMENT	M/C	DESCRIPTION	REMARKS
	L-comment to laboratory investigation result item (C/S) text value of a laboratory investigation result (LC/S)	O O		SG 18	FTX	C107 C108	4451 4453 4441 1131 3055 4440 4440 4440 4440 3453	C M C C M C C C C C	FREE TEXT TEXT SUBJECT QUALIFIER TEXT FUNCTION, CODED TEXT REFERENCE Free text, coded Code list qualifier Code list responsible agency, coded TEXT LITERAL Free text Free text Free text Free text LANGUAGE CODED	
	date value of a laboratory investigation result item (TOCD) date and time of laboratory investigation (TOCD) date and time of laboratory investigation status change (TOCD)	O O O		SG 18	DTM	C507	2005 2782 2379	C M C C	DATE/TIME/PERIOD DATE/TIME/PERIOD Date/time/period qualifier date/time/period date/time/period format qualifier	If the exact date and time is unknown, date only may be sufficient.
L-reference limit (AG)	numerical reference limit of quantity (AG): — numerical value of lower reference limit of quantity (R) — numerical value of upper reference limit of quantity (R) — unit of numerical reference limit values (C/S) textual reference limit of quantity (LC/S) reference population definition (LC/S) type of reference interval (V)	O O O O O O O O		SG 20	RND	C848	6727 6162 6152 6411 1131 3055 6410	C M C C C C C C	RANGE DETAILS RANGE TYPE QUALIFIER RANGE MINIMUM RANGE MAXIMUM MEASUREMENT UNIT DETAILS Measurement unit identification Code list qualifier Code list responsible agency, coded Measurement unit	Either upper or lower limit must be present. either numerical or textual reference limit must be present.

3.18 Laboratory service order

OBJECT/ ATTRIBUTE GROUP	ATTRIBUTES	M/O/D	MEDREQ	MEDRPT	SEGMENT	COMPOSITE	DATA- ELEMENT	M/C	DESCRIPTION	REMARKS
LABORATORY SERVICE ORDER	identification of laboratory service order by laboratory service requester (S)	M	SG 3	SG 4	REF	C506	1153 1154 1156 4000	C C M C C C	REFERENCE REFERENCE Reference qualifier Reference number Line number Reference version number	
	identification of laboratory service order by laboratory service provider (S)	O								
	L-reference to a laboratory service order (AG)	M	SG 4	SG 5						
	identification of referenced laboratory service order by laboratory service requester (S)	M								
	identification of referenced laboratory service order by laboratory service provider (S)	O								
L-standing laboratory service order (AG)	issue date and time of laboratory service order (TOCD)	M	SG 3	SG 4	DTM	C507	2005 2782 2379	C M M C C	DATE/TIME/PERIOD DATE/TIME/PERIOD Date/time/period qualifier Date/time/period Date/time/period format qualifier	Due date and time of laboratory service report: If there is no specific time when the report is due date only is sufficient.
	date and time of receipt of laboratory service order (TOCD)	O								
	due date and time of laboratory service report (TOCD)	O								due date and time may not be present if due date and time of investigation result of requested investigation is present.
	period of standing laboratory service order (AG)	O								
	— start date and time of standing laboratory service order (TOCD)	O								
	— end date and time of standing laboratory service order (TOCD)	O								in case of periods for standing orders: either start date and time must be present or end date and time.

OBJECT/ ATTRIBUTE GROUP	ATTRIBUTES	M/O/D	MEDREQ	MEDRPT	SEGMENT	COMPOSITE	DATA- ELEMENT	M/C	DESCRIPTION	REMARKS
	cycle time of standing laboratory service order (AG) — numerical value of cycle time of standing laboratory service order (I) — unit of cycle time of standing laboratory service order (V) issue date and time of referenced laboratory service order (TOCD)	O O O O								
L-reference to another laboratory service order (AG)		O	SG 4	SG 5						
	service type of laboratory service order (V)	M	SG 2		GIS	C529	7365 1131 3055 7187	C M M C C C	GENERAL INDICATOR PROCESSING INDICATOR Processing indicator, coded Code list qualifier Code list responsible agency, coded Processing indicator	GIS is used for service types other than the general message service types identified in the BGM segment.
	reporting priority of laboratory service order (V)	O	SG 2	SG 4	PTY	C537	4783 4219 1131 3055 4782	C C C C C C	PRIORITY PRIORITY QUALIFIER PRIORITY DETAILS Priority, coded Code list qualifier, coded Code list responsible agency, coded Priority	may not be present if reporting priority of requested investigation is present.

OBJECT/ ATTRIBUTE GROUP	ATTRIBUTES	M/O/D	MEDREQ	MEDRPT	SEGMENT	COMPOSITE	DATA- ELEMENT	M/C	DESCRIPTION	REMARKS
	commenting level of detail of laboratory service report (V)	O	SG 2		HAN	C524	4079 1131 3055 4078	C C C C	HANDLING INSTRUCTIONS HANDLING INSTRUCTIONS Handling instructions, coded Code list qualifier Code list resp. agency	may not be present if commenting level of detail of requested investigation is present.
						C218	4078 7419 1131 3055 7418	C C C C C	Handling instructions HAZARDOUS MATERIAL Hazardous material class code, identification Code list qualifier Code list responsible agency, coded Hazardous material	
	L-reason for request of laboratory service order (C+S)	O	SG2	SG4	CIN		6810	C M	CLINICAL INFORMATION CLINICAL INFORMATION QUALIFIER	CIN can be used for coded clinical information, TEM for other coded information and FTX can be used in case only free text is available. L-reason for request may nor be present if reason for request of requested investigation is present.
	L-laboratory service requester's comments (C/S)	O				C836	6813	C	CLINICAL INFORMATION DETAILS Clinical information identification Code list qualifier	
	reason for cancellation (C/S)	O					1131 3055 6812	C C C	Code list resp. agency, coded Clinical information	
						C837	6812 4803 1131 3055 4802	C C C C C	CERTAINTY DETAILS Certainty, coded Code list qualifier Code list resp. agency, coded Certainty	
					TEM	C244	4415 1131 3055	C C C	TEST METHOD Test method identification Code list qualifier Code list responsible agency, coded	
							4416 4419	C C	Test description TEST ROUTE OF ADMINISTERING, CODED	
							3077 6311	C C	TEST MEDIA, CODED MEASUREMENT	
							7188	C	APPLICATION QUALIFIER TEST REVISION NUMBER	
						C515	4425 1131 3055	C C C	TEST REASON Test reason identification Code list qualifier Code list responsible agency, coded	
							4424	C	Test reason	

OBJECT/ ATTRIBUTE GROUP	ATTRIBUTES	M/O/D	MEDREQ	MEDRPT	SEGMENT	COMPOSITE	DATA- ELEMENT	M/C	DESCRIPTION	REMARKS
					FTX	C107 C108	4451 4453 4441 1131 3055 4440 4440 4440 4400 4440 3453	C M C C M C C C C M C C C C C	FREE TEXT TEXT SUBJECT QUALIFIER TEXT FUNCTION, CODED TEXT REFERENCE Free text, identification Code list qualifier Code list resp. agency, coded TEXT LITERAL Free text Free text Free text Free text Free text LANGUAGE CODED	
	payment category (C)	O	SG 2	SG 4	FCA	C878	4471 3434 1131 3055	C M C C	FINANCIAL CHARGES ALLOCATION SETTLEMENT, CODED CHARGE/ALLOWANCE ACCOUNT Institution branch number Code list qualifier Code list responsible agency	
							3194 6345	C C	Account holder number Currency, coded	
	laboratory service order receipt acknowledgement request (V)	O			BGM	C002	1001 1131 3055 1000 1004 1225 4343	C C C C C C C C	BEGINNING OF MESSAGE DOCUMENT/MESSAGE NAME Document/message name, coded Code list qualifier Code list responsible agency, coded Document/message name DOCUMENT/MESSAGE NUMBER MESSAGE FUNCTION, CODED RESPONSE TYPE, CODED	
	reporting language requested (V)	O	SG 2		LAN	C508	3781	C M	LANGUAGE LANGUAGE QUALIFIER	
	language of laboratory service order (V)	O	SG 2				3453 3752	C C	LANGUAGE DETAILS Language, coded Language	

OBJECT/ ATTRIBUTE GROUP	ATTRIBUTES	M/O/D	MEDREQ	MEDRPT	SEGMENT	COMPOSITE	DATA- ELEMENT	M/C	DESCRIPTION	REMARKS
L-standing laboratory service order (AG)	end-condition of laboratory service order (S)	O	SG 2	SG 4	FTX		4451 4453	C M C	FREE TEXT TEXT SUBJECT QUALIFIER TEXT FUNCTION, CODED	
		O	SG 3			C107	4441 1131 3055	C M C	TEXT REFERENCE Free text, coded Code list qualifier	
	L-additional execution instruction of standing laboratory service order (S)					C108	3055	C	Code list responsible agency, coded	
							4440	C	TEXT LITERAL	
							4440	M	Free text	
							4440	C	Free text	
							4440	C	Free text	
							4440	C	Free text	
							4440	C	Free text	
							3453	C	LANGUAGE CODED	
L-standing laboratory service order (AG)	number of times per time interval of standing laboratory service order (I)	O	SG 2	SG 4	QTY	C186	6063 6060	C M M C	QUANTITY QUANTITY DETAILS Quantity qualifier Quantity MEASUREMENT UNIT DETAILS	
							6411	C	Measurement unit identification	
							1131 3055	C C	Code list qualifier Code list responsible agency, coded	
							6410	C	Measurement unit	
	number of sample containers related to (laboratory) service order (I)	O	SG 2		PAC	C531	7224 7075 7233	C C C C	PACKAGE NUMBER OF PACKAGES PACKAGING DETAILS Packaging level, coded Packaging related information, coded	
							7073	C	Packaging terms and conditions, coded	
						C202	7065 1131 3055	C C C	PACKAGE TYPE Type of packages identification Code list qualifier	
							7064	C	Code list responsible agency, coded Type of packages	

OBJECT/ ATTRIBUTE GROUP	ATTRIBUTES	M/O/D	MEDREQ	MEDRPT	SEGMENT	COMPOSITE	DATA- ELEMENT	M/C	DESCRIPTION	REMARKS
						C402	7077 7064 7143 7064 7143	C M M C C C	PACKAGE TYPE IDENTIFICATION Item description type, coded Type of packages Item number type, coded Type of packages Item number type, coded	
						C532	8395 8393	C C	RETURNABLE PACKAGE DETAILS Returnable package freight payment responsibility Returnable package load contents, coded	

3.19 Laboratory service provider

OBJECT/ ATTRIBUTE GROUP	ATTRIBUTES	M/O/D	MEDREQ	MEDRPT	SEGMENT	COMPOSITE	DATA- ELEMENT	M/C	DESCRIPTION	REMARKS
LABORATORY SERVICE PROVIDER	no attributes defined, see model.									specialisation of Health Care party role

3.20 Laboratory service report

OBJECT/ ATTRIBUTE GROUP	ATTRIBUTES	M/O/D	MEDREQ	MEDRPT	SEGMENT	COMPOSITE	DATA- ELEMENT	M/C	DESCRIPTION	REMARKS
LABORATORY SERVICE REPORT	identification of laboratory service report by laboratory service provider (S)	M		SG 2	REF	C506	1153 1154 1156 4000	C C M C C	REFERENCE REFERENCE Reference qualifier Reference number Line number Reference version number	
L-reference to a laboratory service report (AG)	identification by laboratory service provider of referenced laboratory service report (S)	O		SG 3						

OBJECT/ ATTRIBUTE GROUP	ATTRIBUTES	M/O/D	MEDREQ	MEDRPT	SEGMENT	COMPOSITE	DATA- ELEMENT	M/C	DESCRIPTION	REMARKS
L-reference to a laboratory service report (AG)	issue date and time of laboratory service report (TOCD)	M		SG 2	DTM	C507	2005 2380 2379	C M C C	DATE/TIME/PERIOD DATE/TIME/PERIOD Date/time/period qualifier Date/time/period Date/time/period format qualifier	
	issue date and time of referenced laboratory service report (TOCD)	O		SG 3						
	status of laboratory service (V)	M		SG 2	STS	C601 C555 C556	9015 1131 3055 9011 1131 3055 9013 1131 3055 9012	C C M C C C M C C C C	STATUS REPORT STATUS DETAIL Status type, coded Code list qualifier, coded Code list responsible agency, coded STATUS EVENT Status event, coded Code list qualifier, coded Code list responsible agency, coded STATUS REASON Status reason, coded Code list qualifier, coded Code list responsible agency, codeStatus reason Status reason	This segment is currently only used for transport status. Change request will be put in.
	service type of laboratory service report (V)	M		SG2	GIS	C529	7365 1131 3055 7187	C M M C C	GENERAL INDICATOR PROCESSING INDICATOR Processing indicator, coded Code list qualifier Code list responsible agency, coded Processing indicator	attributes only used in MEDRPT message.
	report receipt acknowledgement request (V)	O			BGM	C002	1001 1131 3055 1000	C C C C C	BEGINNING OF MESSAGE DOCUMENT/MESSAGE NAME Document/message name, coded Code list qualifier Code list responsible agency, coded Document/message name	

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OBJECT/ ATTRIBUTE GROUP	ATTRIBUTES	M/O/D	MEDREQ	MEDRPT	SEGMENT	COMPOSITE	DATA- ELEMENT	M/C	DESCRIPTION	REMARKS
	L-laboratory service provider's comment (C/S)	O		SG 2	FTX	C107	4451 4453 4441 1131 3055	C M C C C	FREE TEXT TEXT SUBJECT QUALIFIER TEXT FUNCTION, CODED TEXT REFERENCE Free text, coded Code list qualifier, coded Code list responsible agency, coded	
						C108	4440 4440 4440 4440 4440 3453	C M C C C C	TEXT LITERAL Free text Free text Free text Free text Free text LANGUAGE CODED	
	report language (V)	O		SG 2	LAN	C508	3781 3453 3752	C M C C	LANGUAGE LANGUAGE QUALIFIER LANGUAGE DETAILS Language, coded Language	Language should be coded according to ISO code list.

3.21 Laboratory service requester

OBJECT/ ATTRIBUTE GROUP	ATTRIBUTES	M/O/D	MEDREQ	MEDRPT	SEGMENT	COMPOSITE	DATA- ELEMENT	M/C	DESCRIPTION	REMARKS
LABORATORY SERVICE REQUESTER	receive copy of report indicator (B)	O	SG 1	SG 1	NAD	C082	3035	C M C	NAME AND ADDRESS PARTY QUALIFIER PARTY IDENTIFICATION DETAILS	
						C058	3039 1131 3055	M C C	Party id identification Code list qualifier Code list resp. agency coded	
						C080	3124 3124 3124 3124 3124	C M C C C	NAME AND ADDRESS Name and address line Name and address line Name and address line Name and address line Name and address line	
							3036 3036 3036 3036	C M C C	PARTY NAME Party name Party name Party name Party name	

OBJECT/ ATTRIBUTE GROUP	ATTRIBUTES	M/O/D	MEDREQ	MEDRPT	SEGMENT	COMPOSITE	DATA- ELEMENT	M/C	DESCRIPTION	REMARKS
						C059	3036 3703 3042 3042 3042 3164 3229 3251 3207	C C C M C C C C C C	Party name Party name format coded STREET Street and number/P.O. Box Street and number/P.O. Box Street and number/P.O. Box CITY NAME COUNTRY SUB-ENTITY IDENTIFICATION POSTCODE IDENTIFICATION COUNTRY CODED	Occurrence of qualified segment means yes, send copy to.... Specialisation of health care party role.

3.22 Material

OBJECT/ ATTRIBUTE GROUP	ATTRIBUTES	M/O/D	MEDREQ	MEDRPT	SEGMENT	COMPOSITE	DATA- ELEMENT	M/C	DESCRIPTION	REMARKS
MATERIAL	description of material (C+S)	M	SG 5	SG 6	SPC		7863 7867 1131 3055 7866	C M C C C C C	SPECIMEN CHARACTERISTIC SPECIMEN CHARACTERISTIC QUALIFIER SPECIMEN CHARACTERISTIC DETAILS Specimen characteristic identification Code list qualifier, coded Code list responsible agency, coded Specimen characteristic	Specialisation of subject of investigation.

3.23 Origin of clinical information

OBJECT/ ATTRIBUTE GROUP	ATTRIBUTES	M/O/D	MEDREQ	MEDRPT	SEGMENT	COMPOSITE	DATA- ELEMENT	M/C	DESCRIPTION	REMARKS
ORIGIN OF CLINICAL INFORMATION	date and time of origin of clinical information (TOCD)	O	SG 9	SG 10	DTM	C507	2005 2380 2379	C M M C C	DATE/TIME/PERIOD DATE/TIME/PERIOD Date/time/period qualifier Date/time/period Date/time/period format qualifier	Specialisation of healthcare party role.

3.24 Patient

OBJECT/ ATTRIBUTE GROUP	ATTRIBUTES	M/O/D	MEDREQ	MEDRPT	SEGMENT	COMPOSITE	DATA- ELEMENT	M/C	DESCRIPTION	REMARKS
PATIENT	official patient identification (V)	O	SG 6	SG 7	PNA	C206	3035	C	PERSON NAME	Specialisation of subject of investigation.
	L-additional patient identification (V)	O					7402	M	PARTY QUALIFIER	
							7405	C	IDENTIFICATION NUMBER	
							3039	C	Identity number	
							1131	C	Identity number qualifier	
							3055	C	Party id identification	
	L-patient payment identification (V)	O				C816	4405	C	Code list qualifier	Person name details (AG) must be present when neither identification of patient nor identification by laboratory service requester of subject of investigation are present.
	family name (S)	O					3797	C	Code list responsible agency, coded	
	first given name (S)	O					3799	C	Status coded	
								C	NAME TYPE, CODED	
	middle name (S)	O						C	NAME STATUS, CODED	
								C	NAME COMPONENT DETAILS	
	title (S)	O					3835	M	Name component qualifier	
							3836	M	Name component	
	generation qualifier (S)	O					3839	C	Name component status, coded	
							3841	C	Name comp. original representation, coded	
	unstructured name (S)	O				C816		C	NAME COMPONENT DETAILS	Either family name or unstructured name must be present.
							3835	C	Name component qualifier	
							3836	M	Name component	
							3839	C	Name component status, coded	
							3841	C	Name comp. original representation, coded NAME COMPONENT DETAILS	
								C	Name component qualifier	
	L-alternative person name (AG)	O				C816	3835	C	Name component	
							3836	M	Name component status, coded	
							3839	C	Name comp. original representation, coded NAME COMPONENT DETAILS	
							3841	C	Name component qualifier	
								M	Name component	
								C	Name component status, coded	
	related person name details (AG)	O				C816	3835	C	Name comp. original representation, coded NAME COMPONENT DETAILS	
	person name details (AG):	O					3836	M	Name component	
	— family name (S)	O					3839	C	Name component status, coded	
							3841	C	Name comp. original representation, coded NAME COMPONENT DETAILS	
	— first given name (S)							C	Name component qualifier	
	— middle name (S)					C816	3835	C	Name component	
							3836	M	Name component status, coded	
						C816	3839	C	Name comp. original representation, coded NAME COMPONENT DETAILS	
							3841	C	Name component qualifier	
						C816	3835	C	Name component	
							3836	M	Name component status, coded	

OBJECT/ ATTRIBUTE GROUP	ATTRIBUTES	M/O/D	MEDREQ	MEDRPT	SEGMENT	COMPOSITE	DATA- ELEMENT	M/C	DESCRIPTION	REMARKS
	— title (S)	O					3839 3841	C C	Name component status, coded Name comp. original representation, coded	
	— generation qualifier (S)	O								
	— unstructured name (S)	O								
	partner agreed patient identification (S)	O	SG 6	SG 7	REF	C506	1153 1154 1156 4000	C C C C	REFERENCE REFERENCE Reference qualifier Reference number Line number Reference version number	
related person name details (AG)	relationship type of related person (V)	O	SG 6	SG 7	REL	C941	7711 7713 1131 3055 7712	C M C C C C	RELATIONSHIP RELATIONSHIP QUALIFIER RELATIONSHIP Relationship, coded Code list qualifier Code list responsible agency, coded Relationship	
demographic data of patient (AG)	marital status of patient (V)	O	SG 6	SG 7	PDI			C	PERSON DEMOGRAPHIC INFORMATION	
	religion of patient (C/S)	O				C085	3917 3913 1131 3055	C C C C	SEX MARITAL STATUS DETAILS marital status, coded Code list qualifier Code list responsible agency, coded	
	patient administrative sex (V)	O				C101	3912 3923 1131 3055 3922	C C C C C	marital status RELIGION DETAILS Religion, coded Code list qualifier Code list responsible agency, coded Religion	
	nationality of patient (C/S)	O	SG 6	SG 7	NAT	C042	3915 3485 1131 3055 3484	C M C C C C	NATIONALITY NATIONALITY QUALIFIER NATIONALITY DETAILS nationality, coded code list qualifier code list resp. agency, coded nationality	

OBJECT/ ATTRIBUTE GROUP	ATTRIBUTES	M/O/D	MEDREQ	MEDRPT	SEGMENT	COMPOSITE	DATA- ELEMENT	M/C	DESCRIPTION	REMARKS
	date and time of birth (TOCD) date and time of death (TOCD)	O O	SG 6	SG 7	DTM	C507	2005 2380 2379	C M C C	DATE/TIME/PERIOD DATE/TIME/PERIOD Date/time/period qualifier Date/time/period Code list responsible agency, coded	In case the exact date/time is unknown year, year + month or year + month + day are also sufficient.
	patient language (V)	O	SG 6	SG 7	LAN			C	LANGUAGE	
						C508	3781 3453 3752	M C C C	LANGUAGE QUALIFIER LANGUAGE DETAILS Language, coded Language	
	L-confidentiality constraints on patient data (C/S)	O	SG 6	SG 7	HAN	C524 C218	4079 1131 3055 4078 7419 1131 3055 7418	C C C C C C C C C C	HANDLING INSTRUCTIONS HANDLING INSTRUCTIONS Handling instructions, coded Code list qualifier Code list resp. agency Handling instructions HAZARDOUS MATERIAL Hazardous material class code, identification Code list qualifier Code list responsible agency, coded Hazardous material	

3.25 Payment party

OBJECT/ ATTRIBUTE GROUP	ATTRIBUTES	M/O/D	MEDREQ	MEDRPT	SEGMENT	COMPOSITE	DATA- ELEMENT	M/C	DESCRIPTION	REMARKS
PAYMENT PARTY	payment party type (C/S)	O	SG 1	SG 1	NAD	C082 C058	3035 3039 1131 3055 3124 3124 3124 3124 3124	C M C C C M C C C C	NAME AND ADDRESS PARTY QUALIFIER PARTY IDENTIFICATION DETAILS Party id identification Code list qualifier Code list resp. agency coded NAME AND ADDRESS Name and address line Name and address line Name and address line Name and address line Name and address line	Specialisation of healthcare party role.