



Technical HL7 Conformance Profile

ENTERPRISE IMAGING

OUTBOUND ORM_O01

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Publication date:

8-2015

Publication number:

V1.0 (technical)

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Message Profile

About this Conformance

This profile describes the ORM message structure that will be sent to an HL7 receiver. This message can be used with Order Filler systems which does not support MPPS messages. Remarks: Segments/fields marked as: - R (required) must be present in the message - RE (required or empty) must be present in the message if information is available in the message - not supported will not be present in the message message, but are not processed. The same counts for fields, components, subcomponents marked as not supported.

Conformance parameters

Message Profile

- HL7 Version: 2.4
- Profile Type: Constraining
- Topics: confsig-Agfa Healthcare-2.4-profile-accAL_accNE-Immediate

Encoding Method

ER7



Interaction 1

Dynamic Definition

- Accept Acknowledgement: AL
- Application Acknowledgement: NE
- Acknowledgement Mode: Immediate

Static Definition

- Message Type: ORM
- Trigger Event: O01
- Message Structure: ORM_O01
- Topics: confsig-Agfa Healthcare-2.4-static-ORM-O01-null-ORM_O01-V1.0-DRAFT-Sender

Message structure

MSH PID [PV1 {[PV2]}] { ORC { OBR [ZDS] {[DG1]} [[OBX] {[NTE]}] } } ZDS

MSH - Message Header

- Usage: Required
- Cardinality:1..1

Seq.	Name	Opt.	Card.	Type	Table	Contents
1	Field Separator	R	1..1	ST		
2	Encoding Characters	R	1..1	ST		
3	Sending Application	R	1..1	HD		
3.1	namespace ID	R	1..1	IS		e.g. AGILITY
4	Sending Facility	R	1..1	HD		
4.1	namespace ID	R	1..1	IS		e.g. AGILITY-RIS
4.2	universal ID	O	0..	ST		
4.3	universal ID type	O	0..	ID	HL70301	
5	Receiving Application	R	1..1	HD		
5.1	namespace ID	R	1..1	IS		
6	Receiving Facility	R	1..1	HD		
6.1	namespace ID	R	1..1	IS		
6.3	universal ID type	O	0..	ID	HL70301	
7	Date/Time Of Message	R	1..1	TS		
7.1	Date/Time	R	1..1	NM		e.g. 20040328134602+0600
9	Message Type	R	1..1	CM_MSG	HL70076	
9.1	message type	R	1..1	ID		e.g. ORM
9.2	trigger event	R	1..1	ID		e.g. O01
9.3	message structure	O	0..	ID		e.g. ORM_O01
10	Message Control ID	R	1..1	ST		
11	Processing ID	R	1..1	PT		
11.1	processing ID	R	1..1	ID	HL70103	e.g. P



Seq.	Name	Opt.	Card.	Type	Table	Contents
12	Version ID	R	1..1	VID	HL70104	
12.1	version ID	R	1..1	ID	HL70104	e.g. 2.4

1. Field Separator**2. Encoding Characters****3. Sending Application****4. Sending Facility****5. Receiving Application****6. Receiving Facility****7. Date/Time Of Message****7.1. Date/Time**

If Agility is configured to send timezone information, datetime format

YYYYMMDD[HHHMM[SS]][+ZZZZ] is used otherwise YYYYMMDD[HHHMM [SS]] is used

9. Message Type**10. Message Control ID****11. Processing ID****12. Version ID**

HL7 version 2.4 will be generated

Segment group: PATIENT

- Usage: Required
- Cardinality:1..1

PID - Patient identification

- Usage: Required
- Cardinality:1..1

Seq.	Name	Opt.	Card.	Type	Table	Contents
1	Set ID - PID	O	0..1	SI		
3	Patient Identifier List	R	1..*	CX		
3.1	ID	R	1..1	ST		
3.4	assigning authority	R	1..1	HD		
3.4.1	namespace ID	R	1..1	IS	HL70363	
3.4.2	universal ID	O	0..	ST		
3.4.3	universal ID type	O	0..	ID	HL70301	



Seq.	Name	Opt.	Card.	Type	Table	Contents
3.5	identifier type code (ID)	R	1..1	ID	HL70203	
5	Patient Name	R	1..3	XPN		
5.1	family name	R	1..1	FN		
5.1.1	surname	R	1..1	ST		
5.2	given name	R	1..1	ST		
5.3	second and further given names or initials thereof	O	0..	ST		
5.4	suffix (e.g., JR or III)	O	0..	ST		
5.5	prefix (e.g., DR)	O	0..	ST		
5.7	name type code	O	0..	ID	HL70200	
5.8	Name Representation code	O	0..	ID	HL70465	
5.11	name assembly order	O	0..	ID	HL70444	
7	Date/Time Of Birth	O	0..1	TS		
7.1	Date/Time	R	1..1	NM		e.g. 20040328
8	Administrative Sex	R	1..1	IS	HL70001	
11	Patient Address	O	0..*	XAD		
11.1	street address (SAD)	O	0..	SAD		
11.1.1	street or mailing address	O	0..	ST		
11.1.2	street name	O	0..	ST		
11.1.3	dwelling number	O	0..	ST		
11.2	other designation	O	0..	ST		
11.3	city	O	0..	ST		
11.4	state or province	O	0..	ST		
11.5	zip or postal code	O	0..	ST		
11.6	country	O	0..	ID		
11.7	address type	O	0..	ID	HL70190	
11.8	other geographic designation	O	0..	ST		
11.9	county/parish code	O	0..	IS		
13	Phone Number - Home	O	0..*	XTN		
13.1	[(999)] 999-9999 [X99999][C any text]	C	0..	TN		
13.2	telecommunication use code	R	1..1	ID	HL70201	
13.3	telecommunication equipment type (ID)	R	1..1	ID	HL70202	
13.4	Email address	O	0..	ST		
14	Phone Number - Business	O	0..*	XTN		
14.1	[(999)] 999-9999 [X99999][C any text]	C	0..	TN		
14.2	telecommunication use code	R	1..1	ID	HL70201	
14.3	telecommunication equipment type (ID)	R	1..1	ID	HL70202	



Seq.	Name	Opt.	Card.	Type	Table	Contents
14.4	Email address	O	0..	ST		
18	Patient Account Number	O	0..1	CX		
18.1	ID	R	1..1	ST		
18.4	assigning authority	O	0..	HD		
18.4.1	namespace ID	R	1..1	IS	HL70363	
18.5	identifier type code (ID)	R	1..1	ID	HL70203	
19	SSN Number - Patient	O	0..1	ST		
23	Birth Place	O	0..1	ST		

1. Set ID - PID

3. Patient Identifier List

5. Patient Name

5.8. Name Representation code

A = Alphabetic, I = Ideographic and P = Phonetic

7. Date/Time Of Birth

7.1. Date/Time

YYYYMMDD

8. Administrative Sex

M = Male F = Female U = Unknown

11. Patient Address

11.1.1. street or mailing address

This is used when SAD-2 (Streen Name) is empty

11.3. city

If this is not filled in a city with code UNKNOWN will be used

11.4. state or province

Is always the highest region level, but there can be a lower subdividing region level for a state or province.

11.7. address type

At the moment O (office), H (home address) are supported.

L (Legal Address) defaults to office and the rest defaults to H (home address)

13. Phone Number - Home

13.1. [(999)] 999-9999 [X99999][C any text]

In case of telephone number/fax number/cellular number, the phone number is put in this field



13.2. telecommunication use code

Required. If this is empty the communication cannot be registered.

At the moment the ones supported are: Primary Residence Number (PRN), Work Number (WPN) and Network (email) Address (NET)

13.3. telecommunication equipment type (ID)

Required. If this is empty the communication cannot be registered.

At the moment the ones supported are: Telephone (PH), Fax (FX), Cellular Phone (CP), Internet Address (Internet)

13.4. Email address

In case of Network Email Address, this needs to be filled in.

14. Phone Number - Business

14.1. [(999)] 999-9999 [X99999][C any text]

In case of telephone number/fax number/cellular number, the phone number is put in this field

14.3. telecommunication equipment type (ID)

Required. If this is empty the communication cannot be registered.

At the moment the ones supported are: Telephone (PH), Fax (FX), Cellular Phone (CP), Internet Address (Internet)

14.4. Email address

In case of Network Email Address, this needs to be filled in.

18. Patient Account Number

19. SSN Number - Patient

23. Birth Place

Segment group: PATIENT.PATIENT VISIT

- Usage: Required but may be empty
- Cardinality:0..1

PV1 - Patient visit

- Usage: Required
- Cardinality:1..1

Seq.	Name	Opt.	Card.	Type	Table	Contents
1	Set ID - PV1	O	0..1	SI		
2	Patient Class	R	1..1	IS	HL70004	
3	Assigned Patient Location	O	0..1	PL		
3.1	point of care	O	0..	IS	HL70302	
3.2	room	O	0..	IS	HL70303	

Seq.	Name	Opt.	Card.	Type	Table	Contents
3.3	bed	O	0..	IS	HL70304	
3.4	facility (HD)	O	0..	HD		
3.4.1	namespace ID	O	0..	IS	HL70363	
4	Admission Type	O	0..1	IS	HL70007	
7	Attending Doctor	O	0..1	XCN	HL70010	
7.1	ID number (ST)	O	0..	ST		
7.2	family name	O	0..	FN		
7.2.1	surname	O	0..	ST		
7.2.2	own surname prefix	O	0..	ST		
7.2.3	own surname	O	0..	ST		
7.2.4	surname prefix from partner/spouse	O	0..	ST		
7.2.5	surname from partner/spouse	O	0..	HD		
7.3	given name	O	0..	NM		
7.4	second and further given names or initials thereof	O	0..	ST		
7.5	suffix (e.g., JR or III)	O	0..	ST		
7.6	prefix (e.g., DR)	O	0..	ST		
7.9	assigning authority	O	0..	HD		
7.9.1	namespace ID	O	0..	IS	HL70363	
7.9.2	universal ID	O	0..	ST		
7.9.3	universal ID type	O	0..	ID	HL70301	
8	Referring Doctor	O	0..1	XCN	HL70010	
8.1	ID number (ST)	O	0..	ST		
8.2	family name	O	0..	FN		
8.2.1	surname	O	0..	ST		
8.2.2	own surname prefix	O	0..	ST		
8.2.3	own surname	O	0..	ST		
8.2.4	surname prefix from partner/spouse	O	0..	ST		
8.2.5	surname from partner/spouse	O	0..	ST		
8.3	given name	O	0..	ST		
8.4	second and further given names or initials thereof	O	0..	ST		
8.5	suffix (e.g., JR or III)	O	0..	ST		
8.6	prefix (e.g., DR)	O	0..	ST		
8.9	assigning authority	O	0..	HD		
8.9.1	namespace ID	O	0..	IS	HL70363	
8.9.2	universal ID	O	0..	ST		
8.9.3	universal ID type	O	0..	ID	HL70301	



Seq.	Name	Opt.	Card.	Type	Table	Contents
10	Hospital Service	O	0..1	IS	HL70069	
11	Temporary Location	O	0..1	PL		
11.1	point of care	O	0..	TS	HL70302	
11.2	room	O	0..	IS	HL70303	
11.3	bed	O	0..	IS	HL70304	
11.4	facility (HD)	O	0..	TS		
11.4.1	namespace ID	O	0..	IS	HL70363	
14	Admit Source	O	0..1	IS	HL70023	
15	Ambulatory Status	O	0..1	IS	HL70009	
16	VIP Indicator	O	0..1	IS	HL70099	
17	Admitting Doctor	O	0..1	XCN	HL70010	
17.1	ID number (ST)	O	0..	ST		
17.2	family name	O	0..	FN		
17.2.1	surname	O	0..	ST		
17.2.2	own surname prefix	O	0..	ST		
17.2.3	own surname	O	0..	ST		
17.2.4	surname prefix from partner/spouse	O	0..	ST		
17.2.5	surname from partner/spouse	O	0..	ST		
17.3	given name	O	0..	ST		
17.4	second and further given names or initials thereof	O	0..	ST		
17.5	suffix (e.g., JR or III)	O	0..	ST		
17.6	prefix (e.g., DR)	O	0..	ST		
17.9	assigning authority	O	0..	HD		
17.9.1	namespace ID	O	0..	IS	HL70363	
17.9.2	universal ID	O	0..	ST		
17.9.3	universal ID type	O	0..	ID	HL70301	
18	Patient Type	O	0..1	IS	HL70018	
19	Visit Number	O	0..1	CX		
19.1	ID	R	1..1	ST		
19.4	assigning authority	O	0..	HD		
19.4.1	namespace ID	O	0..	IS	HL70363	
19.4.2	universal ID	O	0..	ST		
19.4.3	universal ID type	O	0..	ID	HL70301	
44	Admit Date/Time	O	0..1	NM		
44.1	Date/Time	O	0..	NM		e.g. 20040328134602.1234+0600
45	Discharge Date/Time	O	0..1	TS		



Seq.	Name	Opt.	Card.	Type	Table	Contents
45.1	Date/Time	O	0..	NM		e.g. 20040328134602.1234+0600

1. Set ID - PV1

2. Patient Class

3. Assigned Patient Location

4. Admission Type

7. Attending Doctor

8. Referring Doctor

10. Hospital Service

11. Temporary Location

14. Admit Source

15. Ambulatory Status

16. VIP Indicator

17. Admitting Doctor

18. Patient Type

19. Visit Number

44.1. Date/Time

YYYYMMDD[HHHMM[SS[.SSSS]]][+- ZZZZ]

45. Discharge Date/Time

45.1. Date/Time

YYYYMMDD[HHHMM[SS]] [+ -ZZZZ]

If timezone information is present it overrules the timezone information if available in MSH-7

End of segment group PATIENT.PATIENT_VISIT

End of segment group PATIENT

Segment group: ORDER

- Usage: Required
- Cardinality:1..*



ORC

- Usage: Required
- Cardinality:1..1

Seq.	Name	Opt.	Card.	Type	Table	Contents
1	Order Control	R	1..1	ID	HL70119	
2	Placer Order Number	R	1..1	EI		
2.1	entity identifier	R	1..1	ST		
2.2	namespace ID	O	0..	IS	HL70363	
3	Filler Order Number	R	1..1	EI		
3.1	entity identifier	R	1..1	ST		
3.2	namespace ID	O	0..	IS	HL70363	
5	Order Status	O	0..1	ID	HL70038	
7	Quantity/Timing	O	0..*	TQ		
7.4	start date/time	O	0..	TS		
7.4.1	Date/Time	R	1..1	NM		e.g. 20040328134602+0600
7.5	end date/time	O	0..	TS		
7.5.1	Date/Time	R	1..1	NM		e.g. 20040328134602+0600
7.6	priority	O	0..	ST		
10	Entered By	O	0..1	XCN		
10.1	ID number (ST)	O	0..	ST		
10.2	family name	O	0..	FN		
10.2.1	surname	O	0..	ST		
10.2.2	own surname prefix	O	0..	ST		
10.2.3	own surname	O	0..	ST		
10.2.4	surname prefix from partner/spouse	O	0..	ST		
10.2.5	surname from partner/spouse	O	0..	ST		
10.3	given name	O	0..	ST		
10.4	second and further given names or initials thereof	O	0..	ST		
10.5	suffix (e.g., JR or III)	O	0..	ST		
10.6	prefix (e.g., DR)	O	0..	ST		
10.7	degree (e.g., MD)	O	0..	IS	HL70360	
10.8	source table	O	0..	IS	HL70297	
10.9	assigning authority	O	0..	HD		
10.9.1	namespace ID	O	0..	IS	HL70363	
10.9.2	universal ID	O	0..	ST		
10.9.3	universal ID type	O	0..	ID	HL70301	
10.10	name type code	O	0..	ID	HL70200	
10.11	identifier check digit	O	0..	ST		



Seq.	Name	Opt.	Card.	Type	Table	Contents
10.12	code identifying the check digit scheme employed	O	0..	ID	HL70061	
10.13	identifier type code (IS)	O	0..	IS		
10.14	assigning facility	O	0..	HD		
10.14.1	namespace ID	O	0..	IS	HL70363	
10.14.2	universal ID	O	0..	ST		
10.14.3	universal ID type	O	0..	ID	HL70301	
10.15	Name Representation code	O	0..	ID	HL70465	
10.16	name context	O	0..	CE	HL70448	
10.16.1	identifier	O	0..	ST		
10.16.2	text	O	0..	ST		
10.16.3	name of coding system	O	0..	IS	HL70396	
10.16.4	alternate identifier	O	0..	ST		
10.16.5	alternate text	O	0..	ST		
10.16.6	name of alternate coding system	O	0..	IS	HL70396	
10.17	name validity range	O	0..	DR		
10.17.1	range start date/time	O	0..	TS		
10.17.2	range end date/time	O	0..	TS		
10.18	name assembly order	O	0..	ID	HL70444	
12	Ordering Provider	O	0..1	XCN		
12.1	ID number (ST)	R	1..1	ST		
12.2	family name	R	1..1	FN		
12.2.1	surname	R	1..1	ST		
12.3	given name	R	1..1	ST		
12.9	assigning authority	O	0..	HD		
12.9.1	namespace ID	O	0..	IS	HL70363	
12.9.3	universal ID type	O	0..	ID	HL70301	
17	Entering Organization	O	0..1	CE		
17.1	identifier	R	1..1	ST		
17.2	text	O	0..	ST		
17.3	name of coding system	O	0..	IS	HL70396	
21	Ordering Facility Name	O	0..*	XON		
21.1	organization name	O	0..	ST		
21.2	organization name type code	O	0..	IS	HL70204	
21.3	ID number (NM)	R	1..1	NM		
21.4	check digit	O	0..	NM		
21.5	code identifying the check digit scheme employed	O	0..	ID	HL70061	



Seq.	Name	Opt.	Card.	Type	Table	Contents
21.6	assigning authority	O	0..	HD		
21.6.1	namespace ID	R	1..1	IS	HL70363	
21.7	identifier type code (IS)	O	0..	IS		
21.8	assigning facility ID	O	0..	HD	HL70300	
21.8.1	namespace ID	O	0..	IS	HL70363	
21.8.2	universal ID	O	0..	ST		
21.8.3	universal ID type	O	0..	ID	HL70301	
21.9	Name Representation code	O	0..	ID	HL70465	
25	Order Status Modifier	R	1..1	CWE		
25.1	identifier (ST)	R	1..1	ST		
25.2	text	O	0..	ST		
25.3	name of coding system	O	0..	IS	HL70396	
25.4	alternate identifier	O	0..	ST		
25.5	alternate text	O	0..	ST		
25.6	name of alternate coding system	O	0..	IS	HL70396	
25.7	coding system version ID	O	0..	ST		
25.8	alternate coding system version ID	O	0..	ST		
25.9	original text	O	0..	ST		

1. Order Control

Supported: SC (Status changed), OC (Order canceled)

2. Placer Order Number

3. Filler Order Number

3.2. namespace ID

If empty, the default assigning authority will be taken.

5. Order Status

Supported: IP (In Progress), CM (Completed), DC (Discontinued), CA (Cancelled), SC (In Progress, Scheduled)

7. Quantity/Timing

Identical to the Quantity/Timing in OBR-Segment

7.4.1. Date/Time

If Agility is configured to send timezone information, datetime format

YYYYMMDD[HHHMM[SS]][+ZZZZ] is used otherwise YYYYMMDD[HHHMM [SS]] is used

**7.5.1. Date/Time**

If Agility is configured to send timezone information, datetime format YYYYMMDD[HHMM[SS]][+-ZZZZ] is used otherwise YYYYMMDD[HHMM [SS]] is used

7.6. priority

Supported: A (ASAP), R (Routine), PRN (As needed)

10. Entered By**12. Ordering Provider****17. Entering Organization****17.2. text**

If empty, the identifier will be taken as name.

17.3. name of coding system

If empty, the default requesting department will be taken

21. Ordering Facility Name**21.1. organization name**

If empty, the identifier of the requesting facility will be taken as name.

21.6. assigning authority

If empty, the default assigning authority will be taken.

25. Order Status Modifier**25.1. identifier (ST)**

Supported: IMAGES_AVAILABLE, IN_PROGRESS, ORDERED, SCHEDULED, PATIENT_ARRIVED, COMPLETED, CANCELLED, DISCONTINUED

Segment group: ORDER.ORDER_DETAIL

- Usage: Required
- Cardinality:1..*

OBR

- Usage: Required
- Cardinality:1..1

Seq.	Name	Opt.	Card.	Type	Table	Contents
1	Set ID - OBR	R	1..1	SI		
2	Placer Order Number	R	1..1	EI		
2.1	entity identifier	R	1..1	ST		
2.2	namespace ID	O	0..	IS	HL70363	
2.3	universal ID	O	0..	ST		



Seq.	Name	Opt.	Card.	Type	Table	Contents
2.4	universal ID type	O	0..	ID	HL70301	
3	Filler Order Number	R	1..1	EI		
3.1	entity identifier	R	1..1	ST		
3.2	namespace ID	O	0..	IS	HL70363	
3.3	universal ID	O	0..	ST		
3.4	universal ID type	O	0..	ID	HL70301	
4	Universal Service Identifier	R	1..1	CE		
4.1	identifier	R	1..1	ST		
4.2	text	O	0..	ST		
4.3	name of coding system	O	0..	IS	HL70396	
4.4	alternate identifier	R	1..1	ST		
4.5	alternate text	O	0..	ST		
4.6	name of alternate coding system	O	0..	IS	HL70396	
5	Priority	O	0..1	ID		
6	Requested Date/Time	O	0..1	TS		
6.1	Date/Time	R	1..1	NM		e.g. 20040328134602+0600
7	Observation Date/Time #	O	0..1	TS		
7.1	Date/Time	O	0..	NM		e.g. 20040328134602+0600
8	Observation End Date/Time #	O	0..1	TS		
8.1	Date/Time	O	0..	NM		e.g. 20040328134602+0600
13	Relevant Clinical Info.	O	0..1	ST		
14	Specimen Received Date/Time *	C	0..1	TS		
16	Ordering Provider	O	0..1	XCN		
16.1	ID number (ST)	R	1..1	ST		
16.2	family name	O	0..	FN		
16.2.1	surname	R	1..1	ST		
16.2.2	own surname prefix	O	0..	ST		
16.2.3	own surname	O	0..	ST		
16.2.4	surname prefix from partner/spouse	O	0..	ST		
16.3	given name	R	1..1	ST		
16.9	assigning authority	O	0..	HD		
16.9.1	namespace ID	O	0..	IS	HL70363	
17	Order Callback Phone Number	O	0..*	XTN		
17.1	[(999)] 999-9999 [X99999][C any text]	O	0..	TN		
17.2	telecommunication use code	O	0..	ID	HL70201	
17.3	telecommunication equipment type (ID)	O	0..	ID	HL70202	
17.4	Email address	O	0..	ST		



Seq.	Name	Opt.	Card.	Type	Table	Contents
17.5	Country Code	O	0..	NM		
17.6	Area/city code	O	0..	NM		
17.7	Phone number	O	0..	NM		
17.8	Extension	O	0..	NM		
17.9	any text	O	0..	ST		
18	Placer Field 1	R	1..1	ST		
19	Placer Field 2	R	1..1	ST		
20	Filler Field 1 +	R	1..1	ST		
22	Results Rpt/Status Chng - Date/Time +	O	0..1	TS		
22.1	Date/Time	O	0..	NM		e.g. 20040328134602+0600
24	Diagnostic Serv Sect ID	O	0..1	ID	HL70074	
25	Result Status +	O	0..1	ID	HL70123	
27	Quantity/Timing	O	0..*	TQ		
27.1	quantity	O	0..	CQ		
27.1.1	quantity	O	0..	NM		
27.1.2	units	O	0..	CE		
27.2	interval	O	0..	CM_RI		
27.2.1	repeat pattern	O	0..	IS	HL70335	
27.2.2	explicit time interval	O	0..	ST		
27.3	duration	O	0..	ST		
27.4	start date/time	O	0..	TS		
27.4.1	Date/Time	R	1..1	NM		e.g. 20040328134602
27.5	end date/time	O	0..	TS		
27.5.1	Date/Time	R	1..1	NM		e.g. 20040328134602
27.6	priority	O	0..	ST		
27.7	condition	O	0..	ST		
27.8	text (TX)	O	0..	TX		
27.9	conjunction component	O	0..	ID	HL70472	
27.10	order sequencing	O	0..	CM OSD		
27.10.1	sequence/results flag	O	0..	ID		
27.10.2	placer order number: entity identifier	O	0..	ST		
27.10.3	placer order number: namespace ID	O	0..	IS		
27.10.4	filler order number: entity identifier	O	0..	ST		
27.10.5	filler order number: namespace ID	O	0..	IS		
27.10.6	sequence condition value	O	0..	ID		
27.10.7	maximum number of repeats	O	0..	NM		
27.10.8	placer order number: universal ID	O	0..	ST		



Seq.	Name	Opt.	Card.	Type	Table	Contents
27.10.9	placer order number; universal ID type	O	0..	ID		
27.10.10	filler order number: universal ID	O	0..	ST		
27.10.11	filler order number: universal ID type	O	0..	ID		
27.11	occurrence duration	O	0..	CE		
27.11.1	identifier	O	0..	ST		
27.11.2	text	O	0..	ST		
27.11.3	name of coding system	O	0..	IS	HL70396	
27.11.4	alternate identifier	O	0..	ST		
27.11.5	alternate text	O	0..	ST		
27.11.6	name of alternate coding system	O	0..	IS	HL70396	
27.12	total occurrences	O	0..	NM		
29	Parent	O	0..1	CM_EIP		
29.1	parent's placer order number	O	0..	EI		
29.1.1	entity identifier	O	0..	ST		
29.1.2	namespace ID	O	0..	IS	HL70363	
29.1.3	universal ID	O	0..	ST		
29.1.4	universal ID type	O	0..	ID	HL70301	
29.2	parent's filler order number	O	0..	EI		
29.2.1	entity identifier	O	0..	ST		
29.2.2	namespace ID	O	0..	IS	HL70363	
29.2.3	universal ID	O	0..	ST		
29.2.4	universal ID type	O	0..	ID	HL70301	
30	Transportation Mode	O	0..1	ID	HL70124	
31	Reason for Study	O	0..2	CE		
31.1	identifier	O	0..	ST		
31.2	text	O	0..	ST		
31.3	name of coding system	O	0..	IS	HL70396	
31.4	alternate identifier	O	0..	ST		
31.5	alternate text	O	0..	ST		
31.6	name of alternate coding system	O	0..	IS	HL70396	
32	Principal Result Interpreter +	O	0..1	CM_NDL		
32.1	name	O	0..	CN		
32.1.1	ID number (ST)	O	0..	ST		
32.1.2	family name	O	0..	FN		
32.1.3	given name	O	0..	ST		



1. Set ID - OBR

2. Placer Order Number

Identical to ORC-2

3. Filler Order Number

Identical to ORC-3

4. Universal Service Identifier

5. Priority

Supported: A (ASAP), R (Routine), PRN (As needed)

6. Requested Date/Time

6.1. Date/Time

If Agility is configured to send timezone information, datetime format

YYYYMMDD[HHMM[SS]][+ZZZZ] is used otherwise YYYYMMDD[HHMM [SS]] is used

7. Observation Date/Time

7.1. Date/Time

If Agility is configured to send timezone information, datetime format

YYYYMMDD[HHMM[SS]][+ZZZZ] is used otherwise YYYYMMDD[HHMM [SS]] is used

Procedure start date/time. This can be one of the following:

1) the date/time of the first started technologist task 2) the date/time of the first performed procedure step 3) the date/time of the last completed or cancelled technologist task 4) In case ORM triggered by MPPS, contains earliest PPS start date/time

Is empty if procedure in progress has been undone

8. Observation End Date/Time

8.1. Date/Time

If Agility is configured to send timezone information, datetime format

YYYYMMDD[HHMM[SS]][+ZZZZ] is used otherwise YYYYMMDD[HHMM [SS]] is used

Procedure end date/time (date/time of the last completed or cancelled technologist task)

In case of ORM triggered by MPPS, contains latest PPS end date/time.

**13. Relevant Clinical Info.****14. Specimen Received Date/Time *****16. Ordering Provider****17. Order Callback Phone Number****18. Placer Field 1****19. Placer Field 2****20. Filler Field 1 +****22. Results Rpt/Status Chng - Date/Time +****22.1. Date/Time**

If Agility is configured to send timezone information, datetime format

YYYYMMDD[HHMM[SS]][+ZZZZ] is used otherwise YYYYMMDD[HHMM [SS]] is used

The date/time when a modification to a requested procedure or service request is made.

24. Diagnostic Serv Sect ID**25. Result Status +**

Supported: O (Procedure Ordered), S (Procedure Scheduled, Patient Arrived, Procedure In Progress, Procedure Completed), X (Procedure Cancelled)

If report available: P (Preliminary report available), F (Final report available), C (corrected report available)

27. Quantity/Timing

Identical to ORC-7

27.4.1. Date/Time

YYYYMMDDHHMMSS

27.5.1. Date/Time

YYYYMMDDHHMMSS

27.6. priority

Supported: A (ASAP), R (Routine), PRN (As needed)

29. Parent**30. Transportation Mode****31. Reason for Study****32. Principal Result Interpreter +**



ZDS

- Usage: Optional
- Cardinality:0..1

Seq.	Name	Opt.	Card.	Type	Table	Contents
1	Reference Pointer	R	1..1	ST		
2	Application ID	O	0..1	ST		e.g. AGILITY
3	Type of Data	O	0..1	ST		e.g. Application
4	Subtype	O	0..1	ST		e.g. DICOM

1. Reference Pointer

the Agility Study instance UID
<DataType=UID>

2. Application ID

fixed value == AGILITY

3. Type of Data

fixed value == Application

4. Subtype

fixed value == DICOM

DG1 - Diagnosis

- Usage: Required but may be empty
- Cardinality:0..*

Seq.	Name	Opt.	Card.	Type	Table	Contents
1	Set ID - DG1	R	1..1	SI		
2	Diagnosis Coding Method	O	0..1	ID	HL70053	
3	Diagnosis Code - DG1	R	1..1	CE	HL70051	
3.1	identifier	R	1..1	ST		
3.2	text	R	1..1	ST		
3.3	name of coding system	R	1..1	IS	HL70396	
3.4	alternate identifier	R	1..1	ST		
3.5	alternate text	O	0..	ST		
3.6	name of alternate coding system	O	0..	IS	HL70396	
5	Diagnosis Date/Time	R	1..1	TS		
5.1	Date/Time	R	1..1	NM		e.g. 20040328134602+0600
6	Diagnosis Type	R	1..1	IS	HL70052	
15	Diagnosis Priority	O	0..1	ID	HL70359	
16	Diagnosing Clinician	O	0..*	XCN		
16.1	ID number (ST)	O	0..	ST		
16.2	family name	O	0..	FN		



Seq.	Name	Opt.	Card.	Type	Table	Contents
16.2.1	surname	O	0..	ST		
16.2.2	own surname prefix	O	0..	ST		
16.2.3	own surname	O	0..	ST		
16.2.4	surname prefix from partner/spouse	O	0..	ST		
16.2.5	surname from partner/spouse	O	0..	ST		
16.3	given name	O	0..	ST		
16.4	second and further given names or initials thereof	O	0..	ST		
16.5	suffix (e.g., JR or III)	O	0..	ST		
16.6	prefix (e.g., DR)	O	0..	ST		
16.7	degree (e.g., MD)	O	0..	IS	HL70360	
16.8	source table	O	0..	IS	HL70297	
16.9	assigning authority	O	0..	HD		
16.9.1	namespace ID	O	0..	IS	HL70363	
16.9.2	universal ID	O	0..	ST		
16.9.3	universal ID type	O	0..	ID	HL70301	
16.10	name type code	O	0..	ID	HL70200	
16.11	identifier check digit	O	0..	ST		
16.12	code identifying the check digit scheme employed	O	0..	ID	HL70061	
16.13	identifier type code (IS)	O	0..	IS		
16.14	assigning facility	O	0..	HD		
16.14.1	namespace ID	O	0..	IS	HL70363	
16.14.2	universal ID	O	0..	ST		
16.14.3	universal ID type	O	0..	ID	HL70301	
16.15	Name Representation code	O	0..	ID	HL70465	
16.16	name context	O	0..	CE	HL70448	
16.16.1	identifier	O	0..	ST		
16.16.2	text	O	0..	ST		
16.16.3	name of coding system	O	0..	IS	HL70396	
16.16.4	alternate identifier	O	0..	ST		
16.16.5	alternate text	O	0..	ST		
16.16.6	name of alternate coding system	O	0..	IS	HL70396	
16.17	name validity range	O	0..	DR		
16.17.1	range start date/time	O	0..	TS		
16.17.2	range end date/time	O	0..	TS		
16.18	name assembly order	O	0..	ID	HL70444	
17	Diagnosis Classification	O	0..1	IS	HL70228	



Seq.	Name	Opt.	Card.	Type	Table	Contents
18	Confidential Indicator	O	0..1	ID	HL70136	
19	Attestation Date/Time	O	0..1	TS		

1. Set ID - DG1**2. Diagnosis Coding Method****3. Diagnosis Code - DG1****5. Diagnosis Date/Time****5.1. Date/Time**

If Agility is configured to send timezone information, datetime format

YYYYMMDD[HHMM[SS]][+ZZZZ] is used otherwise YYYYMMDD[HHMM [SS]] is used

6. Diagnosis Type**15. Diagnosis Priority****16. Diagnosing Clinician****17. Diagnosis Classification****18. Confidential Indicator****19. Attestation Date/Time****Segment group: ORDER.ORDER.ORDER DETAIL.OBSERVATION**

- Usage: Required but may be empty

- Cardinality:0..1

OBX - Observation/Result

- Usage: Required but may be empty

- Cardinality:0..1

Seq.	Name	Opt.	Card.	Type	Table	Contents
1	Set ID - OBX	R	1..1	SI		
2	Value Type	R	1..1	ID	HL70125	e.g. RP
3	Observation Identifier	R	1..1	CE		
3.1	identifier	R	1..1	ST		e.g. ATTACHMENT_CODE
3.2	text	R	1..1	ST		e.g. Attachment name
3.4	alternate identifier	C	0..	ST		
3.5	alternate text	R	1..1	ST		
4	Observation Sub-Id	R	1..1	ST		
5	Observation Value	R	1..1	*		



Seq.	Name	Opt.	Card.	Type	Table	Contents
7	References Range	O	0..1	ST		
8	Abnormal Flags	O	0..1	IS	HL70078	
9	Probability	O	0..*	NM		
11	Observation Result Status	R	1..1	ID	HL70085	e.g. 0

1. Set ID - OBX

2. Value Type

fixed value = RP Reference Pointer

3. Observation Identifier

the attachment definition

3.1. identifier

Attachement code

3.2. text

Attachement name

3.4. alternate identifier

accession number

Condition Predicate:

study or performed procedure step level attachment

3.5. alternate text

Fixed code:

- ACC for study level attachment
- PAT for patient level attachment
- REP for report level attachment
- PPS for performed procedure step level attachment
- ORD for order level attachment

4. Observation Sub-Id

unique key identifying a specific attachment (primary key of attachment)

5. Observation Value

path + file name

7. References Range**8. Abnormal Flags****9. Probability****11. Observation Result Status**

fixed value = O Order detail description only (no result)

*End of segment group ORDER.ORDER.ORDER_DETAIL.OBSERVATION**End of segment group ORDER.ORDER_DETAIL**End of segment group ORDER***ZDS**

- Usage: Required

- Cardinality:1..1

Seq.	Name	Opt.	Card.	Type	Table	Contents
1	Reference Pointer	R	1..1	ST		
2	Application ID	O	0..1	ST		e.g. AGILITY
3	Type of Data	O	0..1	ST		e.g. Application
4	Subtype	O	0..1	ST		e.g. DICOM

1. Reference Pointer

the Agility Study instance UID

<DataType=UID>

2. Application ID

fixed value == AGILITY

3. Type of Data

fixed value == Application

4. Subtype

fixed value == DICOM