

Technical HL7 Conformance Profile

ENTERPRISE IMAGING

INBOUND ADT_A40

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Corporate address:

Agfa HealthCare
SIV Connectivity

Septestraat 27

B-2640 Mortsel

Belgium

+32 3 444 7588

<http://www.agfahealthcare.com/>

email : connectivity@agfa.com



Message Profile

About this Conformance

Remarks: Segments present in the message structure, but marked as -not supported- are allowed to be present in the 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-accNE_accAL-Deferred

Encoding Method

ER7



Interaction 1

Dynamic Definition

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

Static Definition

- Message Type: ADT
- Trigger Event: A40
- Message Structure: ADT_A39
- Topics: confsig-Agfa Healthcare-2.4-static-ADT-A40-null-ADT_A39-V1.0-DRAFT-Receiver

Message structure

MSH EVN { PID MRG }

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	O	0..1	HD	HL70361	
3.1	namespace ID	O	0..	IS	HL70363	
4	Sending Facility	O	0..1	HD	HL70362	
4.1	namespace ID	O	0..	IS	HL70363	
5	Receiving Application	O	0..1	HD	HL70361	
5.1	namespace ID	O	0..	IS	HL70363	
6	Receiving Facility	O	0..1	HD	HL70362	
6.1	namespace ID	O	0..	IS	HL70363	
7	Date/Time Of Message	O	0..1	TS		
7.1	Date/Time	O	0..	NM		
9	Message Type	R	1..1	CM_MSG	HL70076	
9.1	message type	R	1..1	ID	HL70076	e.g. ADT
9.2	trigger event	R	1..1	ID	HL70003	e.g. A40
9.3	message structure	R	1..1	ID	HL70354	e.g. ADT_A39
10	Message Control ID	R	1..1	ST		
11	Processing ID	O	0..1	PT		
11.1	processing ID	O	0..	ID	HL70103	
12	Version ID	R	1..1	VID	HL70104	
12.1	version ID	R	1..1	ID	HL70104	e.g. 2.4
18	Character Set	O	0..1	ID	HL70211	



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

YYYYMMDD[HHMM[SS]][+/-ZZZ Z]

If timezone information is present, it is taken into account for all date/time fields in the message. If timezone information is present also in other datetime fields, it overrules the timezone information in this field.

9. Message Type

10. Message Control ID

11. Processing ID

12. Version ID

Highest supported version 2.4

18. Character Set

EVN - Event Type

- Usage: Required

- Cardinality:1..1

Seq.	Name	Opt.	Card.	Type	Table	Contents
2	Recorded Date/Time	R	1..1	TS		
2.1	Date/Time	R	1..1	NM		e.g. 20040328134602+0600

2. Recorded Date/Time

2.1. Date/Time

YYYYMMDD[HHMM[SS]][+/-ZZZ Z]

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

Segment group: PATIENT

- Usage: Required

- Cardinality:1..*



PID - Patient identification

- Usage: Required
- Cardinality:1..1

Seq.	Name	Opt.	Card.	Type	Table	Contents
3	Patient Identifier List	R	1..*	CX		
3.1	ID	R	1..1	ST		
3.4	assigning authority	O	0..	HD		
3.4.1	namespace ID	O	0..	IS	HL70363	
3.5	identifier type code (ID)	O	0..	ID	HL70203	
3.6	assigning facility	O	0..	HD		
3.6.1	namespace ID	O	0..	IS	HL70363	
3.7	effective date (DT)	O	0..	DT		
3.8	expiration date	O	0..	DT		
5	Patient Name	R	1..*	XPN		
5.1	family name	R	1..1	FN		
5.1.1	surname	R	1..1	ST		
5.1.2	own surname prefix	O	0..	ST		
5.2	given name	O	0..	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		
7	Date/Time Of Birth	O	0..1	TS		
7.1	Date/Time	O	0..	NM		
8	Administrative Sex	O	0..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	HL70399	
11.7	address type	O	0..	ID	HL70190	
11.8	other geographic designation	O	0..	ST		
11.9	county/parish code	O	0..	IS	HL70289	
13	Phone Number - Home	O	0..1	XTN		



Seq.	Name	Opt.	Card.	Type	Table	Contents
13.1	[(999)] 999-9999 [X99999][C any text]	O	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..1	XTN		
14.1	[(999)] 999-9999 [X99999][C any text]	O	0..	TN		
14.2	telecommunication use code	R	1..1	ID	HL70201	
14.3	telecommunication equipment type (ID)	R	1..1	ID	HL70202	
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	O	0..	IS	HL70363	
18.5	identifier type code (ID)	RE	0..	ID	HL70203	
19	SSN Number - Patient	O	0..1	ST		
23	Birth Place	O	0..1	ST		
29	Patient Death Date and Time	C	0..1	TS		
29.1	Date/Time	O	0..	NM		
30	Patient Death Indicator	O	0..1	ID	HL70136	

3. Patient Identifier List

3.1. ID

Identification number or code for the patient.

3.4.1. namespace ID

- * Identifier of the Assigning Authority that issued the patient id
- * If not available the default patient assigning authority for the system will be used

3.5. identifier type code (ID)

- * Supported values: PI = Patient Primary Identifier, AN = Account Number, SS = Social Security number, MR = Medical Record number.
- * If empty PI will be used by default

5. Patient Name

5.1.1. surname

Patient's lastname

**5.1.2. own surname prefix**

Patient's prefix

5.2. given name

Patient's firstname

5.4. suffix (e.g., JR or III)

Patient's suffix

7. Date/Time Of Birth**7.1. Date/Time**

YYYYMMDD[HHMM[SS]]

8. Administrative Sex**11. Patient Address****11.1.1. street or mailing address**

This is used when SAD-2 (Screen 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.

11.6. country

This is necessary in Agility RIS for the address segment to be processed.

This defaults to UKW (Unknown country) when nothing is filled in.

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

First one is the primary home communication channel

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

First one is the primary home business channel

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

14.2. 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)

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

18.1. ID

Patient's account number

18.5. identifier type code (ID)

Only code AC is supported. If empty AC will be used by default.

19. SSN Number - Patient

23. Birth Place

29. Patient Death Date and Time

YYYYMMDDHHMMSS or ""

Condition Predicate:

If PID.30 has a value, this field also needs a value.

29.1. Date/Time

YYYYMMDD[HHMM[SS]][+ -ZZZ Z]

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

30. Patient Death Indicator

Y or N



MRG - Merge patient information

- Usage: Required
- Cardinality:1..1

Seq.	Name	Opt.	Card.	Type	Table	Contents
1	Prior Patient Identifier List	R	1..*	CX		
1.1	ID	R	1..1	ST		
1.4	assigning authority	O	0..	HD		
1.4.1	namespace ID	O	0..	IS	HL70363	

1. Prior Patient Identifier List

End of segment group PATIENT