HL7 Conformance Profile
ADT Inbound A28

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About this Conformance Profile

HL7Server5 - Release 2005.1.4 - Conformance profile ADT Inbound
History:
2005-11-05 - Creation - Nico Vannieuwenhuyze
Remarks:
When messages are received via HL7 MLLP (socket) HL7Server5 processes the message before sending an acknowledgement message. For certain events (eg A40) this can take a few seconds, so please configure the sending application to wait eg 180 seconds for an acknowledgment.

For more information on HL7 conformance profiles please consult HL7 ANSI standard chapter 2 and HL7 Implementation/Conformance Technical Committee documents at http://www.hl7.org/special/committees/ictc/docs.cfm

Conformance parameters

Message Profile
- HL7 Version: 2.4
- Profile Type: Constrainable
- Topics: confsig-AGFA/QUADRAT-2.4-profile-accNE_accNE-Immediate

Encoding Method
ER7

Interaction 1

Dynamic Definition
- Accept Acknowledgement: NE
- Application Acknowledgement: NE
- Acknowledgement Mode: Immediate

Static Definition
- Message Type: ADT
- Trigger Event: A28
- Message Structure: ADT_A05
- Topics: confsig-AGFA/QUADRAT-2.4-static-ADT-A28-null-ADT_A05-2005.1.4--Receiver

Message structure
MSH EVN PID [PD1] {[ROL]} {[NK1]} {[PV1]} {[PV2]} {[ROL]} {[DB1]} {[OBX]} {[AL1]} {[DG1]} {[DRG]} [{ {[PR1]} {[ROL]} }] {[GT1]} [{ IN1 {[IN2]} {[IN3]} {[ROL]} }] [ACC] {[UB1]} {[UB2]}

MSH - Message Header
- Usage: Required
- Cardinality:1..1

Seq.	Name	Type	Table	Len.	Opt.	Card.	Contents
1	Field Separator	ST		1	R	1..1	e.g. |
2	Encoding Characters	ST		4	R	1..1	e.g. ^~\&
3	Sending Application	HD		227	R	1..1	
3.1	namespace ID	IS		50	R	..	e.g. HIS
4	Sending Facility	HD		227	O	0..1	
4.1	namespace ID	IS		50	O	..	e.g. FACILITY1
7	Date/Time Of Message	TS		26	R	1..1	
7.1	Date/Time	NM		24	R	..	e.g. 200511070945
9	Message Type	CM_MSG	HL70076	15	R	1..1	
9.1	message type	ID	HL70076	3	R	..	e.g. ADT
9.2	trigger event	ID	HL70003	3	R	..	e.g. A28
9.3	message structure	ID	HL70354	7	O	..	e.g. ADT_A05
10	Message Control ID	ST		20	R	1..1	e.g. 0000001
11	Processing ID	PT		3	R	1..1	
11.1	processing ID	ID	HL70103	3	R	..	e.g. P
12	Version ID	VID	HL70104	973	R	1..1	
12.1	version ID	ID	HL70104	60	R	..	e.g. 2.4
18	Character Set	ID	HL70211	16	O	0..*	e.g. 8859/1
21	Conformance Statement ID	ID		10	O	0..*	

1. Field Separator
This field contains the separator between the segment ID and the first real field, MSH-2- encoding characters. As such it serves as the separator and defines the character to be used as a separator for the rest of the message. Recommended value and used by Agfa is |, (ASCII 124).

2. Encoding Characters
This field contains the four characters in the following order: the component separator, repetition separator, escape character, and subcomponent separator. Recommended values and used by Agfa

Healthcare are ^~\&, (ASCII 94, 126, 92, and 38).

3. Sending Application
This field uniquely identifies the sending application among all other applications within the network enterprise. The network enterprise consists of all those applications that participate in the exchange of HL7 messages within the enterprise. Entirely site-defined and a parameter for Agfa.

7. Date/Time Of Message
This field contains the date/time that the sending system created the message. If the time zone is specified, it is expected to be the local time zone !

9. Message Type
Should be ADT^A01^ADT_A01 for an admission notification

9.3. message structure
Only used when input is hl7 v2.xml

10. Message Control ID
This field contains a number or other identifier that uniquely identifies the message. The receiving system echoes this ID back to the sending system in the Message acknowledgment segment (MSA).

11.1. processing ID
No difference in processing by HL7SERVER5 if Production or Test

12.1. version ID
Versions supported by HL7SERVER5 are 2.2, 2.3, 2.3.1, 2.4

18. Character Set
Characterset has to be a subset of the Windows ANSI codepage of the pc where HL7SERVER5 is running ! e.g. ISO 8859/1 on a windows 1252 code page UTF-8 is not supported !

EVN - Event Type
- Usage: Required
- Cardinality:1..1

Seq.	Name	Type	Table	Len.	Opt.	Card.	Contents
1	Event Type Code	ID		3	O	0..1	e.g. A28
2	Recorded Date/Time	TS		26	R	1..1	
2.1	Date/Time	NM		24	R	..	e.g. 200511070945
4	Event Reason Code	IS	HL70062	3	O	0..1	e.g. 2
6	Event Occurred	TS		26	O	0..1	
6.1	Date/Time	NM		24	R	..	e.g. 200511070945

1. Event Type Code
If empty the value is taken from MSH-9-1

2. Recorded Date/Time
Only used when EVN-6 Event Occurred is empty

6. Event Occurred
This field contains the date/time that the event actually occurred. For example, on a transfer (A02 (transfer a patient)), this field would contain the date/time the patient was actually transferred. On a cancellation event, this field should contain the date/time that the event being canceled occurred.

PID - Patient identification
- Usage: Required

- Cardinality:1..1

Seq.	Name	Type	Table	Len.	Opt.	Card.	Contents
2	Patient ID	CX		1913	O	0..1	
2.1	ID	ST		20	O	..	e.g. 1234567
3	Patient Identifier List	CX		1913	R	1..*	
3.1	ID	ST		20	R	..	e.g. 1234567
3.2	Check digit	ST		200	O	..	e.g. 4
3.3	code identifying the check digit scheme employed	ID	HL70061	200	O	..	e.g. M11
3.4	assigning authority	HD		603	O	..	
3.4.1	namespace ID	IS		200	O	..	e.g. HIS1
3.4.2	universal ID	ST		200	O	..	
3.4.3	universal ID type	ID		200	O	..	
3.5	identifier type code (ID)	ID	HL70203	200	O	..	e.g. MR
3.6	assigning facility	HD		603	O	..	
3.6.1	namespace ID	IS		200	O	..	e.g. FACILITY1
3.6.2	universal ID	ST		200	O	..	
3.6.3	universal ID type	ID		200	O	..	
3.7	effective date (DT)	DT		24	O	..	e.g. 20051107
3.8	expiration date	DT		24	O	..	
4	Alternate Patient ID - PID	CX		1913	O	0..1	
4.1	ID	ST		20	O	..	e.g. 1234567
5	Patient Name	XPN		1103	R	1..1	
5.1	family name	FN		174	O	..	
5.1.1	surname	ST		30	R	..	e.g. Yarmey
5.2	given name	ST		30	O	..	e.g. Jane
5.3	second and further given names or initials thereof	ST		30	O	..	e.g. C
5.4	suffix (e.g., JR or III)	ST		15	O	..	
5.5	prefix (e.g., DR)	ST		100	O	..	e.g. DR.
6	Mother's Maiden Name	XPN		1103	O	0..1	
6.1	family name	FN		174	O	..	
6.1.1	surname	ST		30	O	..	
7	Date/Time Of Birth	TS		26	O	0..1	
7.1	Date/Time	NM		24	R	..	e.g. 19931022
8	Administrative Sex	IS	HL70001	1	O	0..1	e.g. F
9	Patient Alias	XPN		1103	O	0..1	
9.1	family name	FN		174	O	..	
9.1.1	surname	ST		30	O	..	e.g. Simmons
9.2	given name	ST		15	O	..	e.g. Neil
9.3	second and further given names or initials thereof	ST		3	O	..	
9.4	suffix (e.g., JR or III)	ST		3	O	..	
9.5	prefix (e.g., DR)	ST		30	O	..	
9.6	degree (e.g., MD)	IS	HL70360	3	O	..	

Seq.	Name	Type	Table	Len.	Opt.	Card.	Contents
9.7	name type code	ID	HL70200	3	O	..	e.g. P
9.8	Name Representation code	ID	HL70465	3	O	..	
9.9	name context	CE	HL70448	20	O	..	
9.9.1	identifier	ST			O	..	
9.9.2	text	ST		3	O	..	
9.9.3	name of coding system	IS	HL70396	3	O	..	
9.9.4	alternate identifier	ST		3	O	..	
9.9.5	alternate text	ST		3	O	..	
9.9.6	name of alternate coding system	IS	HL70396	3	O	..	
9.11	name assembly order	ID	HL70444	3	O	..	
10	Race	CE	HL70005	483	O	0..1	
10.1	identifier	ST		40	O	..	e.g. 2106-3
11	Patient Address	XAD		631	O	0..*	
11.1	street address (SAD)	SAD		764	O	..	
11.1.1	street or mailing address	ST		254	O	..	e.g. Kortrijksesteenweg
11.1.2	street name	ST		254	O	..	
11.1.3	dwelling number	ST		254	O	..	
11.2	other designation	ST		254	O	..	e.g. 254
11.3	city	ST		30	O	..	e.g. Sint Martens Latem
11.4	state or province	ST		20	O	..	e.g. OVL
11.5	zip or postal code	ST		20	O	..	e.g. 9831
11.6	country	ID		20	O	..	e.g. BE
11.7	address type	ID	HL70190	10	O	..	e.g. P
13	Phone Number - Home	XTN		850	O	0..1	
13.1	[(999)] 999-9999 [X99999][C any text]	TN		30	O	..	
13.3	telecommunication equipment type (ID)	ID	HL70202	3	O	..	e.g. PH
13.4	Email address	ST			O	..	
13.5	Country Code	NM		15	O	..	e.g. 32
13.6	Area/city code	NM		15	O	..	e.g. 3
13.7	Phone number	NM		15	O	..	e.g. 4448150
13.8	Extension	NM		15	O	..	e.g. 500
14	Phone Number - Business	XTN		850	O	0..1	
14.1	[(999)] 999-9999 [X99999][C any text]	TN		30	O	..	e.g. 024448150
14.3	telecommunication equipment type (ID)	ID	HL70202	3	O	..	
14.4	Email address	ST			O	..	
14.5	Country Code	NM			O	..	
14.6	Area/city code	NM			O	..	
14.7	Phone number	NM			O	..	
14.8	Extension	NM			O	..	
15	Primary Language	CE		483	O	0..1	
15.1	identifier	ST		20	O	..	e.g. EN
16	Marital Status	CE	HL70002	483	O	0..1	

Seq.	Name	Type	Table	Len.	Opt.	Card.	Contents
16.1	identifier	ST		10	O	..	e.g. M
17	Religion	CE	HL70006	483	O	0..1	
17.1	identifier	ST		40	O	..	
17.2	text	ST		40	O	..	
18	Patient Account Number	CX		1913	O	0..1	
18.1	ID	ST		30	O	..	e.g. 2590852
18.4	assigning authority	HD		257	O	..	
18.4.1	namespace ID	IS		50	O	..	e.g. HIS1
18.7	effective date (DT)	DT		24	O	..	e.g. 20051107
18.8	expiration date	DT		24	O	..	
19	SSN Number - Patient	ST		50	O	0..1	e.g. 19931022175
21	Mother's Identifier	CX		1913	O	0..1	
21.1	ID	ST		40	O	..	e.g. 1234560
22	Ethnic Group	CE	HL70189	483	O	0..1	
22.1	identifier	ST		40	O	..	
23	Birth Place	ST		30	O	0..1	e.g. Deinze
24	Multiple Birth Indicator	ID	HL70136	1	O	0..1	e.g. Y
25	Birth Order	NM		2	O	0..1	e.g. 2
26	Citizenship	CE	HL70171	483	O	0..1	
26.1	identifier	ST		20	O	..	e.g. BE
28	Nationality	CE	HL70212	483	O	0..1	
28.1	identifier	ST		20	O	..	e.g. BE
29	Patient Death Date and Time	TS		26	O	0..1	
29.1	Date/Time	NM		24	O	..	
30	Patient Death Indicator	ID	HL70136	1	O	0..1	e.g. N

2. Patient ID
Please use PID-3 and map them using the parameters PIDDomainForCode, PIDDomainForHISCode ... to the PATIENTS.xxx columns

3. Patient Identifier List
Patient Identifier (list) which UNIQUELY identifies a single patient. Combination of components ID and Assigning Authority should be sufficient to UNIQUELY identify a patient.

3.4. assigning authority
Authority/System that generated the patient identifier

3.6. assigning facility
Facility in which the patient identifier was generated

4. Alternate Patient ID - PID
Please use PID-3 and map them using the parameters PIDDomainForCode, PIDDomainForHISCode ... to the PATIENTS.xxx columns

5. Patient Name
Patient name - no repititions allowed!

6. Mother's Maiden Name
Sometimes used in France to exchange the patients maiden name

7. Date/Time Of Birth
Patient birth date - is a required field in the RIS database

9. Patient Alias
ONLY TYPE P is supported and only when COUNTRY - COUNTRY parameter is N and
ApplyCountrySpecificNameRules is true

11. Patient Address
The occurence that has an address type (PID-11-7) of P or M or blank is considered the main address and
is stored in the PATIENTS table. ALL occurrences are stored in PAT_ADDRESSES.

11.2. other designation
If 11.1.3 (Dwelling Number) is not filled. This value is taken into account. If the value starts with a
number and smaller then 15 characters, it will be used as for patients.p_straatnr column, otherwise the
value will be appended to the patients.p_straat column.

11.6. country
In a multi-site environment with multiple HIS systems, make sure that each HIS is using the same
code-set.

11.7. address type
In a multi-site environment with multiple HIS systems, make sure that each HIS is using the same
code-set.

13. Phone Number - Home
Patients primary phone number - only the first occurence is used !

13.1. [(999)] 999-9999 [X99999][C any text]
RIS version < 560: max length = 15. If PID 13.5 is filled. PID13.1 is ignored and only PID 13.5, 13.6,
13.7 and 13.8 are used.

14. Phone Number - Business
Additional (second) phone number

14.1. [(999)] 999-9999 [X99999][C any text]
RIS version < 560: max length = 15. If PID 14.5 is filled. PID14.1 is ignored and only PID 14.5, 14.6,
14.7 and 14.8 are used.

16.1. identifier
In a multi-site environment with multiple HIS systems, make sure that each HIS is using the same
code-set.

18. Patient Account Number
Account number (billing) will be linked to the visit number (PV1-19). In a multi-site environment with
multiple HIS systems, make sure that the component Assigning Authority is provided !

19. SSN Number - Patient
Social security number

21. Mother's Identifier
ID of the mother in case of a newborn

28. Nationality
In a multi-site environment with multiple HIS systems, make sure that each HIS is using the same
code-set.

PD1 - patient additional demographic
- Usage: Optional

- Cardinality: 0..1
- Implementation note: Additional patient information like primary care physician

Seq.	Name	Type	Table	Len.	Opt.	Card.	Contents
4	Patient Primary Care Provider Name & ID No.	XCN		3002	O	0..1	
4.1	ID number (ST)	ST		20	O	..	e.g. 1282
4.2	family name	FN		184	O	..	
4.2.1	surname	ST		40	O	..	e.g. Pew
4.3	given name	ST		30	O	..	e.g. John
11	Publicity Code	CE	HL70215	483	O	0..1	
11.1	identifier	ST		40	O	..	e.g. EMP

4.1. ID number (ST)
In a multi-site environment with multiple HIS systems, make sure that each HIS is using the same code-set.

11. Publicity Code
Used to indicate that a patient is a member of the facility personnel

11.1. identifier
Only EMP supported

ROL - Role
- Usage: Optional
- Cardinality:0..*
- Implementation note: Used to convey patient related physicians

Seq.	Name	Type	Table	Len.	Opt.	Card.	Contents
4	Role Person	XCN		3002	R	1..*	
4.1	ID number (ST)	ST		20	R	..	e.g. 53342
4.2	family name	FN		184	O	..	
4.2.1	surname	ST		40	O	..	e.g. Prentice
4.3	given name	ST		30	O	..	e.g. Michael
4.18	name assembly order	ID	HL70444	3	O	..	

4. Role Person
Patient-related physicians

4.1. ID number (ST)
In a multi-site environment with multiple HIS systems, make sure that each HIS is using the same code-set.

NK1 - Next of kin / associated parties
- Usage: Optional
- Cardinality:0..*
- Implementation note: Patient relations (spouse, parents, brother ...)

Seq.	Name	Type	Table	Len.	Opt.	Card.	Contents
1	Set ID - NK1	SI		4	R	1..1	e.g. 1
2	Name	XPN		1103	O	0..*	
2.1	family name	FN		174	O	..	

Seq.	Name	Type	Table	Len.	Opt.	Card.	Contents
2.1.1	surname	ST		30	R	..	e.g. Simmons
2.2	given name	ST		15	O	..	e.g. Neil
3	Relationship	CE	HL70063	483	O	0..1	
3.1	identifier	ST		10	R	..	e.g. SPO
3.2	text	ST		30	O	..	e.g. Spouse
4	Address	XAD		631	O	0..*	
4.1	street address (SAD)	SAD		764	O	..	
4.1.1	street or mailing address	ST		254	O	..	e.g. Kortrijksesteenweg
4.1.2	street name	ST		254	O	..	
4.1.3	dwelling number	ST		254	O	..	
4.2	other designation	ST		10	O	..	e.g. 254
4.3	city	ST		30	O	..	e.g. Sint Martens Latem
4.4	state or province	ST		3	O	..	
4.5	zip or postal code	ST		7	O	..	e.g. 9831
4.6	country	ID		20	O	..	e.g. BE
5	Phone Number	XTN		850	O	0..1	
5.1	[(999)] 999-9999 [X99999][C any text]	TN		15	O	..	e.g. 049879284
5.3	telecommunication equipment type (ID)	ID	HL70202	3	O	..	
5.4	Email address	ST			O	..	
5.5	Country Code	NM		15	O	..	
5.6	Area/city code	NM		15	O	..	
5.7	Phone number	NM		15	O	..	
5.8	Extension	NM		15	O	..	
7	Contact Role	CE	HL70131	483	O	0..1	
7.2	text	ST		254	O	..	e.g. Emergency contact
7.5	alternate text	ST		254	O	..	
11	Next of Kin / Associated Parties Job Code/Class	JCC	HL70327	292	O	0..1	
11.1	job code	IS		10	O	..	
11.2	job class	IS		10	O	..	
15	Administrative Sex	IS	HL70001	1	O	0..1	e.g. M
23	Protection Indicator	ID	HL70136	1	O	0..1	e.g. N
33	Next of Kin/Associated Party's Identifiers	CX		1913	O	0..*	
33.1	ID	ST		20	R	..	
33.3	code identifying the check digit scheme employed	ID	HL70061	3	O	..	
33.4	assigning authority	HD		602	O	..	
33.4.1	namespace ID	IS	HL70363	200	O	..	
33.4.2	universal ID	ST		200	O	..	
33.4.3	universal ID type	ID	HL70301	200	O	..	
33.5	identifier type code (ID)	ID	HL70203	200	O	..	
33.6	assigning facility	HD		602	O	..	

Seq.	Name	Type	Table	Len.	Opt.	Card.	Contents
33.6.1	namespace ID	IS	HL70363	200	O	..	
33.6.2	universal ID	ST		200	O	..	
33.6.3	universal ID type	ID	HL70301	200	O	..	
33.7	effective date (DT)	DT		3	O	..	
33.8	expiration date	DT		3	O	..	

1. Set ID - NK1
Not stored in database but used to trigger a delete of existing relations added by the interface

3.1. identifier
Special processing for SPO/SPOUSE and SEL/SELF. In a multi-site environment with multiple HIS systems, make sure that each HIS is using the same code-set.

7. Contact Role
Stored as comment

11. Next of Kin / Associated Parties Job Code/Class
Only processed when NK1-3 = SEL !

23. Protection Indicator
VIP indicator only when NK1-3 = SEL

PV1 - Patient visit
- Usage: Not supported

PV2 - Patient visit - additional information
- Usage: Not supported

ROL - Role
- Usage: Not supported

DB1 - Disability
- Usage: Not supported

OBX - Observation/Result
- Usage: Optional
- Cardinality:0..*
- Implementation note: Used to convey additional patient information, like weigth, height ...

Seq.	Name	Type	Table	Len.	Opt.	Card.	Contents
1	Set ID - OBX	SI		4	O	0..1	e.g. 1
2	Value Type	ID	HL70125	2	R	1..1	e.g. NM
3	Observation Identifier	CE		483	R	1..1	
3.1	identifier	ST		30	O	..	e.g. WEIGHT
3.2	text	ST		200	O	..	e.g. Weight
5	Observation Value	ST		40	R	1..1	e.g. 76
6	Units	CE		483	O	0..1	
6.1	identifier	ST		40	O	..	e.g. kg

2. Value Type
Not stored in db, but used to transform OBX-5

AL1 - Patient allergy information

- Usage: Optional
- Cardinality:0..*
- Implementation note: Used to convey patient allergies - when an allergy is present - a remark ALLERGY is set at patient level and the allergy details are stored as "extra" patient info.

Seq.	Name	Type	Table	Len.	Opt.	Card.	Contents
1	Set ID - AL1	CE		483	R	1..1	
1.1	identifier	ST		1	R	..	e.g. `1`
2	Allergen Type Code	CE	HL70127	483	O	0..1	
2.2	text	ST		40	O	..	e.g. `Drug allergy`
3	Allergen Code/Mnemonic/Description	CE		483	R	1..1	
3.2	text	ST		40	O	..	e.g. `Penicillins`
5	Allergy Reaction Code	ST		254	O	0..1	e.g. `sneeze`
6	Identification Date	DT		8	O	0..1	e.g. `20020901`

DG1 - Diagnosis

- Usage: Optional
- Cardinality:0..*
- Implementation note: Diagnosis information - stored as a visit remark (for usage in QDoc) and also stored in a specific table for use in Medar

Seq.	Name	Type	Table	Len.	Opt.	Card.	Contents
1	Set ID - DG1	SI		4	O	0..1	e.g. `1`
3	Diagnosis Code - DG1	CE	HL70051	483	O	0..1	
3.1	identifier	ST		100	O	..	e.g. `V76.1`
3.2	text	ST		100	O	..	e.g. `OTH SCREEN MAMMO-MALIGN NEOPLASM OF BREAST`
3.3	name of coding system	IS	HL70396	3	O	..	e.g. `I9`
3.4	alternate identifier	ST		3	O	..	
3.5	alternate text	ST		3	O	..	
3.6	name of alternate coding system	IS	HL70396	3	O	..	
4	Diagnosis Description	ST		100	O	0..1	e.g. `OTH SCREEN MAMMO-MALIGN NEOPLASM OF BREAST`
5	Diagnosis Date/Time	TS		26	O	0..1	
5.1	Date/Time	NM		24	R	..	e.g. `20051107`
6	Diagnosis Type	IS	HL70052	2	R	1..1	e.g. `A`

6. Diagnosis Type
HL7 required field

DRG - Diagnosis Related Group

- Usage: Not supported

Segment group: G1O

- Usage: Not supported

PR1 - Procedures

- Usage: Not supported

ROL - Role

- Usage: Not supported

End of segment group G1O

GT1 - Guarantor

- Usage: Optional
- Cardinality:0..*

Seq.	Name	Type	Table	Len.	Opt.	Card.	Contents
1	Set ID - GT1	SI		4	R	1..1	e.g. 1
2	Guarantor Number	CX		1913	O	0..2	
2.1	ID	ST		20	O	..	e.g. 44141241
3	Guarantor Name	XPN		1103	R	1..*	
3.1	family name	FN		189	O	..	
3.1.1	surname	ST		45	O	..	e.g. Yarmey
3.2	given name	ST		45	O	..	e.g. Mark
11	Guarantor Relationship	CE	HL70063	483	O	0..1	
11.1	identifier	ST		1	O	..	e.g. 1

Segment group: G3O

- Usage: Optional
- Cardinality:0..*

IN1 - Insurance

- Usage: Required
- Cardinality:1..1

Seq.	Name	Type	Table	Len.	Opt.	Card.	Contents
1	Set ID - IN1	SI		4	R	1..1	e.g. 1
2	Insurance Plan ID	CE	HL70072	483	R	1..1	
2.1	identifier	ST		250	R	..	e.g. MCR
3	Insurance Company ID	CX		1913	R	1..*	
3.1	ID	ST		20	R	..	e.g. MCR
4	Insurance Company Name	XON		567	O	0..*	
4.1	organization name	ST		30	O	..	e.g. MEDICARE
5	Insurance Company Address	XAD		631	O	0..*	
5.1	street address (SAD)	SAD		38	O	..	
5.1.1	street or mailing address	ST		30	O	..	e.g. 2 GANNETT DRIVE
5.1.2	street name	ST		3	O	..	
5.1.3	dwelling number	ST		3	O	..	
5.2	other designation	ST		30	O	..	
5.3	city	ST		30	O	..	e.g. SOUTH PORTLAND
5.5	zip or postal code	ST		7	O	..	e.g. 04106
6	Insurance Co Contact Person	XPN		1103	O	0..*	

Seq.	Name	Type	Table	Len.	Opt.	Card.	Contents
6.1	family name	FN		174	O	..	
6.1.1	surname	ST		30	O	..	e.g. De Vos
6.2	given name	ST		30	O	..	e.g. Joe
7	Insurance Co Phone Number	XTN		850	O	0..*	
7.1	[(999)] 999-9999 [X99999][C any text]	TN		15	O	..	e.g. 051405632
7.3	telecommunication equipment type (ID)	ID	HL70202	3	O	..	
7.4	Email address	ST			O	..	
7.5	Country Code	NM			O	..	
7.6	Area/city code	NM			O	..	
7.7	Phone number	NM			O	..	
7.8	Extension	NM			O	..	
10	Insured's Group Emp ID	CX		1913	O	0..2	
10.1	ID	ST		40	O	..	e.g. ABKO094
11	Insured's Group Emp Name	XON		567	O	0..*	
11.1	organization name	ST		30	O	..	e.g. AGFA
12	Plan Effective Date	DT		8	O	0..1	e.g. 20050101
13	Plan Expiration Date	DT		8	O	0..1	e.g. 20060101
15	Plan Type	IS		3	O	0..1	e.g. WA
16	Name Of Insured	XPN		1103	O	0..*	
16.1	family name	FN		189	O	..	
16.1.1	surname	ST		45	O	..	e.g. Jarmey
16.2	given name	ST		45	O	..	e.g. Jane
17	Insured's Relationship To Patient	CE	HL70063	483	O	0..1	
17.1	identifier	ST		1	O	..	e.g. 1
36	Policy Number	ST		20	O	0..1	e.g. WA655839
44	Insured's Employer's Address	XAD		631	O	0..1	
44.1	street address (SAD)	SAD		540	O	..	
44.1.1	street or mailing address	ST		30	O	..	e.g. Kortrijksesteenweg
44.1.2	street name	ST		254	O	..	
44.1.3	dwelling number	ST		254	O	..	
44.2	other designation	ST		30	O	..	e.g. 157
44.3	city	ST		30	O	..	e.g. Drongen
44.5	zip or postal code	ST		7	O	..	e.g. 9000

2.1. identifier

Not stored in database but can be used to determine in which table to store the insurance data
(mutgegevens, aogegevens, facgegevens)

3.1. ID

In a multi-site environment with multiple HIS systems, make sure that each HIS is using the same
code-set.

10. Insured's Group Emp ID

Patients employer

12. Plan Effective Date

Start-date insurance

15. Plan Type
Can be used to determine in which table to store the insurance data (mutgegevens, aogegevens, facgegevens)

IN2 - Insurance Additional Information
- Usage: Not supported

IN3 - Insurance Additional Information, Certification
- Usage: Not supported

ROL - Role
- Usage: Not supported

End of segment group G3O

ACC - Accident
- Usage: Optional
- Cardinality: 0..1

Seq.	Name	Type	Table	Len.	Opt.	Card.	Contents
1	Accident Date/Time	TS		26	O	0..1	
1.1	Date/Time	NM		24	O	..	e.g. 20051106
2	Accident Code	CE	HL70050	483	O	0..1	
2.1	identifier	ST		50	O	..	e.g. CA
8	Accident Description	ST		50	O	0..1	e.g. Car accident

2.1. identifier
Stored as remark

8. Accident Description
Stored as remark

UB1 - UB82
- Usage: Not supported

UB2 - UB92 Data
- Usage: Not supported