**Conformance Statement – ADT A04**

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# Introduction

## Purpose

The purpose of this document is to provide guidelines for the Admit Discharge Transfer (ADT A04) message type.

## Target Group

This document is intended for external suppliers and system administrators at VGR.

## References

For details on the message segments and trigger events – review the HL7 Messaging Standard Version 2.6 Product Brief:

* Chapter 2 (Control)
* Chapter 3 (Patient Administration)

And VGR specific segment statements:

* Conformance Statement – PID Segment.docx

## Message Profile

– HL7 Version: 2.6

– Profile Type: Constrainable

## Revision history

|  |  |  |  |
| --- | --- | --- | --- |
| Revision | Datum | Beskrivning | Utfärdare |
| PA1 | 2016-08-17 | Initial version | Robin Seybold |
| PA2 | 2016-10-17 | Moved the PID segment to a separate document | Robin Seybold |
| PA3 | 2016-12-21 | Updated Seq 7 in MSH to type DTM. | Robin Seybold |

# ADT A04

VGR supports the following ADT trigger event:

• ADT^A04 - "Register a patient"

The following message structure is applied to the supported trigger event.

|  |  |
| --- | --- |
| MSH | Message Header |
| EVN | Event Type |
| PID | Patient Identification |
| PV1 | Patient Visit |
| [ ZPV ] | Additional Patient Visit Information |

## MSH – Message Header

The MSH segment defines the intent, source, destination, and some specifics of the syntax of a message.

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 | .. | HSA-ID |
| 4 | Sending Facility | HD |  | 227 | O | 0..1 |  |
| 4.1 | namespace ID | IS |  | 50 | O | .. | HSA-ID |
| 5 | Receiving Application | HD | 0361 | 227 | O | 0..1 |  |
| 5.1 | namespace ID | IS |  | 50 | O | .. | HSA-ID (function) |
| 6 | Receiving Facility | HD | 0362 | 227 | O | 0..1 |  |
| 6.1 | namespace ID | IS |  | 50 | O | .. | HSA-ID (unit) |
| 7 | Date/Time Of Message | DTM |  | 24 | R | 1..1 | e.g. 200511250945 |
| 9 | Message Type | CM\_MSG | 0076 | 15 | R | 1..1 |  |
| 9.1 | message type | ID | 0076 | 3 | R | .. | e.g. ADT A04 |
| 9.2 | trigger event | ID | 0003 | 3 | R | .. | e.g. A04 |
| 9.3 | message structure | ID | 0354 | 7 | O | .. | e.g. ADT A04\_Z04 |
| 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 | 0103 | 3 | R | .. | e.g. P |
| 12 | Version ID | VID | 0104 | 973 | R | 1..1 |  |
| 12.1 | version ID | ID | 0104 | 60 | R | .. | e.g. 2.6 |
| 18 | Character Set | ID | 0211 | 16 | O | 0..\* | e.g. UNICODE UTF-8 |

**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 VGR 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 VGR 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 VGR.

**4. Sending Facility**This field uniquely identifies the sending facility 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 VGR.

**5. Receiving Application**This field uniquely identifies the receiving 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 VGR.

**6. Receiving Facility**This field uniquely identifies the receiving facility 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 VGR.

**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^A04^ADT\_Z04 when the ZPV-segment is included, else ADT^A04^ADT\_A04.

**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**Should be P for Production, T for Test

**12.1. version ID**Should be 2.6

**18. Character Set**Should be UNICODE UTF-8

## EVN – Event Type

The EVN segment is used to communicate necessary trigger event information to receiving applications.

Usage: Required  
Cardinality: 1..1

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Seq. | Name | Type | Table | Len | Opt | Card | Contents |
| 1 | Event Type Code | ID |  | 3 | B | 0..1 | e.g. A04 |
| 2 | Recorded Date/Time | DTM |  | 4 | R | 1..1 | e.g. 200708181123 |

**1. Event Type Code**This field contains the events corresponding to the trigger events described in this section. Should be A04.

**2. Recorded Date/Time**The system date/time when the transaction was entered

## PID – Patient Identification

For details on how to define the PID Segment, refer to the Conformance Statement – PID Segment.docx document.

Usage: Required   
Cardinality: 1..1

## PV1 – Patient Visit

The PV1 segment is used by Registration/Patient Administration applications to communicate information on an account or visit-specific basis.

Usage: Required   
Cardinality: 1..1

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Seq. | Name | Type | Table | Len. | Opt | Card | Contents |
| 2 | Patient Class | IS | 0004 | 1 | R | 1..1 | e.g. N |
| 3 | Assigned Patient Location | PL |  | 80 | O | 0..1 |  |
| 11 | Temporary Location | PL |  | 80 | O | 0..1 |  |
| 47 | Total Charges | NM |  | 12 | O | 0..1 |  |

**2. Patient Class**  
This field is used by systems to categorize patients by site. Should be N (Not Applicable).

**3. Assigned Patient Location**  
This field contains the patient's initial assigned location or the location to which the patient is being moved.

**11. Temporary Location**  
This field contains a location other than the assigned location required for a temporary period of time. Used as current patient location when setting wayfinding instructions.

**47. Total Charges**  
This field contains the total visit charges.

## ZPV – Additional Patient Visit Information

This is a local extension added to provide scheduling and financial transaction information tied to the patient visit.

Usage: Required  
Cardinality: 1..1

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Seq. | Name | Type | Table | Len. | Opt | Card | Contents |
| 1 | Set ID – ZPV | SI |  | 4 | O | 0..1 | e.g. 001 |
| 2 | Filler Appointment ID | EI |  | 75 | R | 1..1 |  |
| 3 | Transaction ID | ST |  | 12 | R | 1..1 |  |
| 4 | Transaction Type | IS | 0017 | 8 | R | 1..1 | e.g. PY |
| 5 | Transaction Code | CWE |  | 250 | R | 1..1 |  |
| 5.1 | identifier | ST |  | 20 | R | .. | e.g. KBG |
| 6 | Transaction Amount | CP |  | 12 | R | 1..1 |  |
| 6.1 | price | MO |  | 20 | R | .. |  |
| 7 | Transaction Register | ST |  | 30 | R | 1..1 |  |

**1. Set ID**This field contains a number that uniquely identifies the information represented by this segment in this transaction for the purposes of addition, change or deletion.

**2. Filler Appointment ID**This field contains the filler application’s permanent identifier for the appointment request (and the scheduled appointment itself, when it has been confirmed as a booked slot by the filler application). This is a composite field.

**3. Transaction ID**The transaction identifier for the payment

**4. Transaction Type**Should be PY (Payment)

**5. Transaction Code**A code value identifying the transaction medium. Refer to User-defined Table 0017 – Transaction codes for suggested codes.

User-defined Table 0017 - Transaction codes

|  |  |  |
| --- | --- | --- |
| Value | Description | Comment |
| KON | Kontant |  |
| FAK | Faktura |  |
| KBG | Kortbetalning |  |
| KBK | Kortbetalning i kiosk |  |
| KBI | Kortbetalning via Internet |  |
| SWI | Swish |  |

**6.1. price**The total price (specified in SEK)

**7. Transaction Register**The identifier of the register in which the payment took place.