QBP Query by Parameter

|  |  |
| --- | --- |
| Query Statement ID | Z83 |
| Type | Query / Publish |
| Query Name | Device Patient Association Query |
| Query Trigger | QSB^Z83^QSB\_Q16 |
| Query mode | Both |
| Response Trigger | ORU^R01^ORU^R01 |
| Query Characteristics | Returns device-patient associations as constrained in the input parameters |
| Purpose | Sends device-patient association records, filtered as defined in input parameters |
| Response Characteristics |  |
| Based on Segment Pattern | R01 |

Query Grammar

QBP^Znn^QBP^QBP\_Znn Query Grammar: QBP Message

Segments

|  |  |  |
| --- | --- | --- |
| Segments | Description | HL7 Section Reference |
| MSH | Message Header Segment | 2.15.9 |
| [{SFT}] | Software Segment |  |
| [UAC] | User Authentication Credential | 2.14.13 |
| QPD | Query Parameter Definition | 5.5.4 |
| RCP | Response Control Parameter | 5.5.6 |

For the segment pattern to be expected in the response to this query, see the definition of the ORU^R01 Message Structure in IHE PCD Technical Framework Volume 2, which is a specialization of the ORU^R01 Message Structure in Chapter 7, Section 7.3.1, ORU – Unsolicited Observation Message (Event R01)

QPD Input Parameter Specification

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Field Seq (Query ID=Z99) | Name | Key /  Search | Sort | LEN | DT | OPT | R/# | Match Op | TBL | Segment  Field Name | Element Name |
| 1 | MessageQueryName |  |  | 60 | CWE | R |  |  |  |  | MessageQueryName |
| 2 | QueryTag |  |  | 32 | ST | R |  |  |  |  | QueryTag |
| 3 | ActionCode |  |  |  | ID | 0 |  |  | 033 |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |

QPD Input Parameter Field Description and Commentary

|  |  |  |  |
| --- | --- | --- | --- |
| Input Parameter (Query ID=Z83) | Comp. Name | DT | Description |
| MessageQueryName |  | CWE | Shall be valued Z83^ORU Subscription^HL7nnnn |
| QueryTag |  | ST | Unique to each query message instance |
| MRN |  | CX | One or more patient identifiers may be sent. When a list is provided, results will be sent if any parameter matches any ID known for the patient. Sending no value matches all patients. |
| ActionCode |  | ID | If the subscription is being modified, the desired action e.g. Add or Delete is carried in this field. |
| PatientLocation |  | PL | When a list is provided, results will be sent if any parameter matches PV1.10 for any result. Sending no value matches all patients. |
| DeviceID |  | CWE |  |

RCP Response Control Parameter Field Description and Commentary

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Field Seq (Query ID=Z99) | Name | Component Name | LEN | DT | Description |
| 1 | Query Priority |  | 1 | ID | Deferred / Immediate |
| 2 | Quantity Limited Request |  | 10 | CQ | Not applicable, this profile does not support continuation |
| 3 | Response Modality |  | 60 | CWE | **R**eal time or **B**atch. Default is **R**. |
| 5 | Execution and Delivery Time |  |  | DTM | Only valued when RCP-1 Query Priority contains the value D (deferred) |
| 6 | Modify Indicator |  |  |  |  |