Update patient demographic record workflow

Overview

Description: This transaction allows the Point-of-Service (PoS) systems to update a patient record in the client registry. The following sequence diagram show the steps involved.

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Status: In Progress

Referenced Standards and APIs:

- ADT^A08 - IHE ITI-8 Transactions

Assumptions and prerequisites

- The Point-of-Service system is a trusted application known by the HIE and it is registered with the interoperability layer to be able to send and receive data securely (Common message security workflow).
- The Patient to be updated is assumed to already exist in the Client Registry.

Actors

- PoS - The point of care system that captures patient identifiers, is responsible for sending the identifiers to the HIE.
- IL - Mediates the transactions between the PoS system and the Client Registry.
- CR - Manages patient demographics and identifier details.

Update Patient Demographic Record

[1] Update patient

[2] Update patient


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## Technical details

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| 1   | Update patient     | IL       | The format of the message is specified by the ITI-8 IHE PIX v2 transaction and takes the form of an HL7v2.3.1 A08 message. The message may include both identifiers and demographic attributes for the patient to be updated. | PIF ITI-8 transaction ADT*|A08
Patient Identity Feed IHE ITI-8 Transactions |
| 2   | Update patient     | CR       | The message from the Point-of-Service system is passed directly through to the CR by the IL.                                                                                                             | PIF ITI-8 transaction ADT*|A08
Patient Identity Feed IHE ITI-8 Transactions |
| 3   | Acknowledge patient updated | IL    | The response message is an HL7 ACK. See ITI TF-2x: C.2.3, "Acknowledgment Modes" for definition and discussion of the ACK message.                                                                         | PIF ITI-8 transactions HL7 ACK
Patient Identity Feed IHE ITI-8 Transactions |
| 4   | Acknowledge patient updated | PoS   | The message from the CR is passed directly through to the PoS by the IL.                                                                                                                              | PIF ITI-8 transactions HL7 ACK
Patient Identity Feed IHE ITI-8 Transactions |