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# Patient Test Data

For Prospective QHIN Query Testing

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# 1 TEST DATA

This document is intended to be included in a zip with C-CDA and CSV files that constitute test patients and their records. The patient data was taken from this Git repository in the Synthetic Health project: https://github.com/synthetichealth/synthea. We have selected four patients from that larger collection, substituted names to match the RCE testing requirements, and removed some of the data so that the files are more manageable.

The table below lists the four patients and how they are used in testing. You will need to use the patient names and patient demographics as recorded for the RCE testing environment. There are individual subsections that describe how each patient is used. Please read those subsections as you are not required to reproduce the clinical data found in the files.

| Family Name | Actor Tested | Scenarios Tested |
|---|---|---|
| QTFTEST-001 | Initiating Gateway | • Patient Discovery<br>• Message Delivery |
| QTFTEST-002 | Initiating Gateway | • Patient Discovery<br>• Document Query / Retrieve |
| QTFTEST-003 | Responding Gateway | • Patient Discovery<br>• Message Delivery |
| QTFTEST-004 | Responding Gateway | • Patient Discovery<br>• Document Query / Retrieve |

You will use a Patient Discovery query to determine the appropriate Patient Identifier for patients QTFTEST-001 and QTFTEST-002. These are used to simulate scenarios where you need the identifier as known by a Responding QHIN.

You will associate patients QTFTEST-003 and QTFTEST-004 in your system such that your Responding Gateway will respond to Patient Discovery requests for those two patients. This simulates the scenarios where an Initiating QHIN needs to discover the Patient Identifier that is known to your network. Your Responding Gateway will not be queried for patient QTFTEST-001 nor patient QTFTEST-002.


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## 1.1 Patient QTFTEST-001: Message Delivery

Your test environment must include the demographics for patient QTFTEST-001. You will use the demographics to send Patient Discovery queries to the test environment. You will also use the patient demographics to populate XDS metadata and C-CDA documents your Initiating Gateway submits in the Message Delivery scenario.

You are not required to use the sample C-CDA files nor the CSV records that are associated with this patient. Those are included as examples. You should use sample data and files that originate in your network to better simulate your environment.

## 1.2 Patient QTFTEST-002: Query / Retrieve

Your test environment must include the demographics for patient QTFTEST-002. You will use the demographics to send Patient Discovery queries to the test environment. You will use the patient identifier returned by the test environment to then query for and retrieve documents in the Document Query and Retrieve scenario.

The C-CDA files that are included are a subset of the documents that will be on the test server. You are welcome to test and experiment with them prior to formal testing.

## 1.3 Patient QTFTEST-003: Message Delivery

Your test environment must include the demographics for patient QTFTEST-003. The test tools will send Patient Discovery queries for patient QTFTEST-003 to your Responding Gateway. You will be required to return the patient identifier to be used by the test tools when submitting documents to your Responding Gateway.

The C-CDA files that are included are a subset of the documents that will be sent to your Responding Gateway. You are welcome to test and experiment with them prior to formal testing.

## 1.4 Patient QTFTEST-004: Query / Retrieve

Your test environment must include the demographics for patient QTFTEST-004. The test tools will send Patient Discovery queries for patient QTFTEST-004 to your Responding Gateway. You will be required to return the patient identifier to be used by the test tools in the Document Query and Retrieve scenario. The test tools will use this identifier to query for documents for patient QTFTEST-004 and eventually retrieve those documents.


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You are not required to use the sample C-CDA files nor the CSV records that are associated with this patient. Those are included as examples. You should use sample data and files that originate in your network to better simulate your environment.


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