

RHEA Testing Status

- - TESTED WORKING
- - WORKING BUT IS INCOMPLETE / NEEDS TO BE FULLY TESTED
- - DEVELOPMENT INCOMPLETE
- - TO BE DEVELOPED

Patient Registration

- ■ - Create patient in PoC and have them saved in CR
 - ■ - Generate Registration Message
 - ■ - Send registration message to CR
 - ■ - Registration message saved in CR
- ■ - Search for patient in CR and import demographics
 - ■ - Generate Query for clients message
 - ■ - OpenEMPI returns a list of results
 - ■ - Display returned record to the registrar
 - ■ - Use returned demographics as basis for registration

12/7/26 9:32 AM

Comment [1]: Wayne Chelliah:
OpenEMPI Data Model needs to be updated.

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Comment [2]: Ryan Crichton:
Right now a list is returned but it contains multiple records for a single linked person

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Comment [3]: Wayne Chelliah:
Returning a Single Best Record needs to be implemented in OpenEMPI

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Comment [4]: Wayne Chelliah:
I reviewed our UI recommendation for this with Gilbert this morning and he as approved this.

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Comment [5]: Desire Manzi Ruzigana:
ANC Physical and 9 Month ANC forms Merged.

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Comment [6]: Ryan Crichton:
The issue here is that when the patient doesn't have an NID this fails

Entering Clinical Data

- Send encounters to SHR
 - ■ - Forms Implementation save an encounter locally on PoC
 - - RHEA ANC Delivery Report
 - - RHEA Sero Positive Women (v1.0)
 - - RHEA Referral Form (v1.0)
 - - RHEA Maternal Treatments and Interventions (v1.0)
 - - RHEA ANC Testing (v1.0)
 - - RHEA ANC Physical + Nine Month ANC
 - - RHEA OB and Past Medical History (v1.0)
 - ■ - Encounter(s) are picked from local system and sent to SHR
 - - RHEA ANC Delivery Report
 - - RHEA Sero Positive Women (v1.0)
 - - RHEA Referral Form (v1.0)
 - - RHEA Maternal Treatments and Interventions (v1.0)
 - - RHEA ANC Testing (v1.0)
 - RHEA ANC Physical + Nine Month ANC
 - - RHEA OB and Past Medical History (v1.0)
 - ■ - Save encounter orchestrations (Using Test Data)
 1. ■ - Verify transaction identifiers
 - a. ■ - Call Get Enterprise Client ID to validate if client exists
 - b. ■ - Call Get Enterprise Provider ID to validate is provider exists
 - c. ■ - Call Get HC Facility to validate if the facility exists
 2. ■ - Verify that coded used are valid.

- a. ■ - Call Verify Code to verify terminology
 - 3. ■ - If all identifiers and terms are verified
 - a. ■ - Enrich transaction to contain ECID and EPID
 - b. ■ - Call Save Patient Encounter
 - 4. ■ - Else
 - a. ■ - Send transaction to error queue
- ■ - Encounters are saved in SHR
 - ■ - RHEA ANC Delivery Report
 - ■ - RHEA Sero Positive Women (v1.0)
 - ■ - RHEA Referral Form (v1.0)
 - ■ - RHEA Maternal Treatments and Interventions (v1.0)
 - ■ - RHEA ANC Testing (v1.0)
 - ■ - RHEA ANC Physical + Nine Month ANC
 - ■ - RHEA OB and Past Medical History (v1.0)

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Comment [7]: Ryan Crichton:
Double check this

Retrieving Clinical Data

- Retrieve previous clinical encounters
 - ■ - Trigger event to fetch encounter when a patient is registered
 - ■ - Generate and send message to retrieve encounter from SHR
 - ■ - Orchestration for retrieving an encounter
 1. ■ - Call Get Enterprise Client ID to validate if client exists and to fetch ECID
 2. ■ - Call Query for previous patient encounters with ECID
 3. ■ - Replace references to ECID and EPID with NID or equivalent identifiers in response
 - ■ - SHR generates and send message containing a patient encounters
 - ■ - Receive message with encounter and save each encounter

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Comment [8]: Wayne Chelliah:
Dependent on MoH Appointment Module.
To get a status update on this on Monday.

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Comment [9]: Wayne Chelliah:
Needs to be tied into end of Registration workflow and tested.

RapidSMS connection (Needs to be tested against SHR Instance)

- ■ - RapidSMS generates message with an encounter to be sent to the SHR
- <see entering clinical data - Save encounter orchestrations>
- ■ - Encounter are saved in the SHR
- ■ - SHR generates an alert and send this to RapidSMS
- ■ - RapidSMS receives message and delivers alert

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Comment [10]: Wayne Chelliah:
Liz to provide the alert definitions and rules to be implemented. This is going to be a few for September.

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Comment [11]: Wayne Chelliah:
Has been tested using a mock alert generated, needs to be tested with the SHR.