

Use Case: Send a prescription

Primary Actors: Doctor or Nurse, Patient

Preconditions: Nurses only have access to sending prescriptions that are not controlled.

Main Scenario:

1. A patient request a refill on a prescription

2. Prescription gets sent to the nurse.

3. Doctor or Nurse selects a drug and dose.

4. Doctor or Nurse verifies drug and dose.

5. Doctor or Nurse sends prescription electronically.

6. Patient gets notification a prescription has been sent.

Alternative Scenarios:

1. Patient hasn't been seen in a year

a.) Doctor or Nurse can send notification saying that they need to be seen before they get a refill.

b.) Doctor or Nurse can override the error and send the prescription.

2. Prescription is for a controlled substance

a.) Notification gets sent to the doctor instead

Use Case: Update Current Health Status

Primary Actors: Patient, Doctor

Main Scenario:

1. Patient feels light-headed

2. Patient checks blood pressure and/or blood sugar

3. Patient adds vitals to the medical management system

4. Doctor sees that his blood sugar has been all over the place

5. Sends a prescription for a new dose of insulin

Alternative Scenarios:

1.) Patient is doing a routine check, and everything is fine

a.) Everything seems fine to doctor and he leaves everything as is

2.) Doctor enters patient vitals in checkup

Use Case: Queue and Conduct Surgery

Primary Actors: Patient, Doctor, Nurse

Main Scenario:

1. Patient is diagnosed by Doctor with a condition that requires surgery

2. Nurse enters Patient info and surgery needed

3. Surgery event is created and confirmed with Patient

4. Doctor conducts surgery

5. Nurse or Doctor update Patient info accordingly

6. Billing is created to insurance company on file, or billed directly to Patient

Alternative Scenarios:

1. Patient is needs to reschedule date of surgery
   1. Nurse creates new surgery event, filled appropriately with proper staff

2.) Doctor enters patient vitals in checkup