

Microsoft Cloud for Healthcare Industry Labs

Lab 01: Care Management

Step-by-Step Lab

September 2021

Contents

Overview	
Learning Objectives	
Prerequisites	
Care Management Application	
Industry Prioritized Scenarios	
Atkins Family Healthcare Story	4
Exercise 1: Create a New Location	5
Exercise 2: Import Healthcare Data	10
· Exercise 3: Navigate Care Management Features	
Summary	

Overview

Learning Objectives

In this lab, you will learn how to do the following:

- Create a new location record for Lamna Healthcare Company
- Import healthcare data for the Atkins family
- Navigate the Care Management application

Prerequisites

Download **Demo Data Import.zip** file from training resources in GitHub

Care Management Application

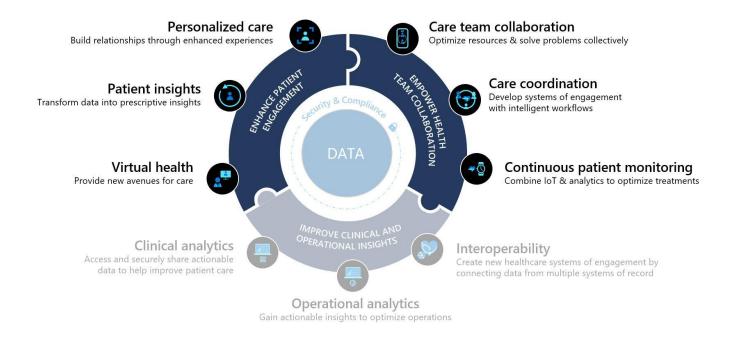
The **Care Management** application allows healthcare systems to provide coordinated care to each patient by quickly communicating the right information, at the right time, to the right people. Users can easily create, personalize, and enable new care plans for patients, manage care teams, and view patients' clinical timelines and care insights right within the application.

Key capabilities for Care Management include the following:

- Care team: View and collaborate with care teams to provide the best care for the patient.
- **Care plan:** Create and assign care plans and automate adherence to improve care coordination for your patients.
- Clinical timeline: Concise, sequential, and interactive view of patient's clinical occurrences.
- **Virtual clinic:** Provide your care team members the ability to perform virtual appointments with patients.

Industry Prioritized Scenarios

Care Management focuses on both **Enhance patient engagement** and **Empower health team collaboration** priority scenarios. It creates a system that allows for enhanced care team collaboration and coordination, virtual care options, and a 360 view of patient healthcare data including patient insights.



Atkins Family Healthcare Story

This lab will focus on the story of Lamna Healthcare Company, who is opening a new location near the Atkin's Family residence in Redmond, WA.

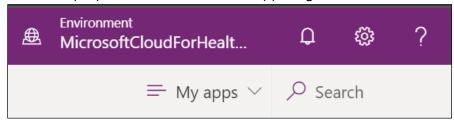


Now that Lamna Healthcare Company's new location is ready to open, we need to ensure the new location record is in the system and the new branch has all the necessary patient information imported. Then we will explore the application to get familiar with the data structure and application features.

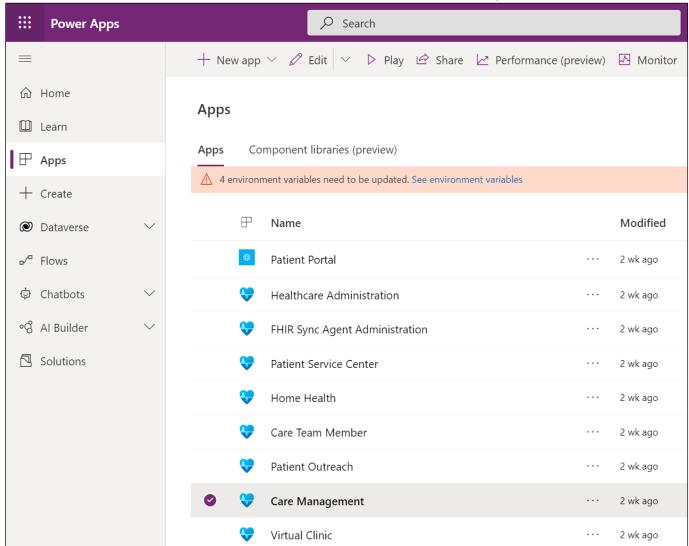
Exercise 1: Create a New Location

In this exercise, you will be creating a new Location record for the **Lamna Healthcare Company** Organization. They have opened a new branch in **Redmond, WA** and we need to ensure this location is in the system.

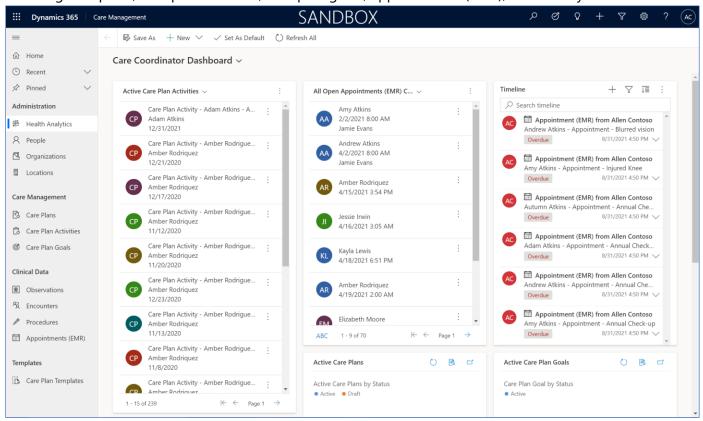
- 1. Navigate to Power Apps in an In-Private or Incognito window.
- 2. Select the proper **Environment** in the upper right.



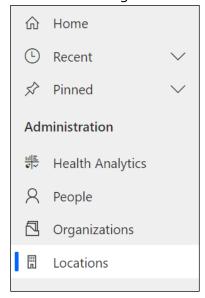
3. In Power Apps, select **Apps** in the left sitemap. Select and open **Care Management**.



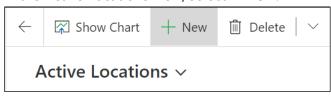
4. You should be landed in the **Health Analytics** section showing the **Care Coordinator Dashboard**. This is a helpful tool for care coordinators to get a complete view of their healthcare organization data, including care plans, care plan activities, care plan goals, appointments (EMR), and activity timeline.



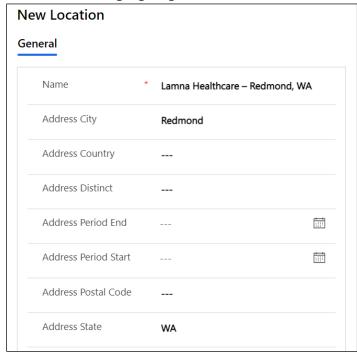
5. In the Care Management sitemap on the left, select **Locations**.



6. In the Active Locations view, select + **New**.

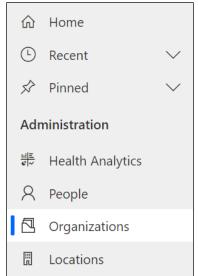


- 7. Fill in the following information for the new location:
 - a. Name: Lamna Healthcare Redmond, WA
 - b. Address City: Redmondc. Address State: WA
 - d. Managing Organization: Lamna Healthcare Company

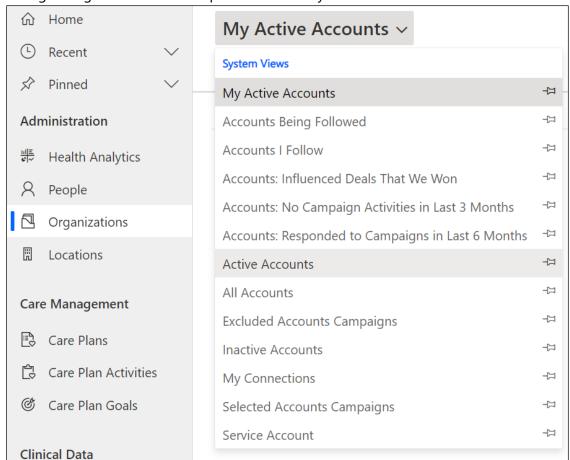




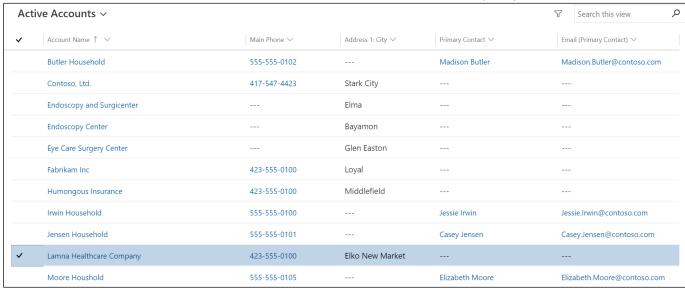
- 8. Click **Save & Close**. Now let's see the new location in the Managing Organization record.
- 9. In the sitemap on the left, select **Organizations**.



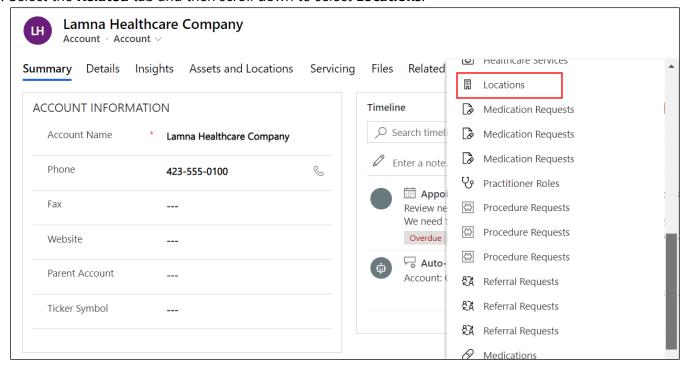
10. Change the grid view in the drop-down from "My Active Accounts" to "Active Accounts".



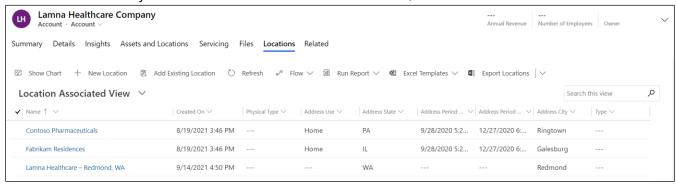
11. Once in the **Active Accounts** view, select the **Lamna Healthcare Company** Organization record.



12. Select the **Related** tab and then scroll down to select **Locations**.



13. You will see the newly created **Lamna Healthcare – Redmond, WA** location associated to the record.



Congratulations! You created a new location in Redmond, WA for Lamna Healthcare Company using the Care Management application.

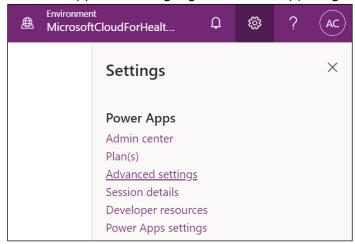
Exercise 2: Import Healthcare Data

In this exercise, you will import the necessary healthcare data pertaining to the Atkins family, who is transferring to the new Lamna Healthcare Company location branch in Redmond, WA.

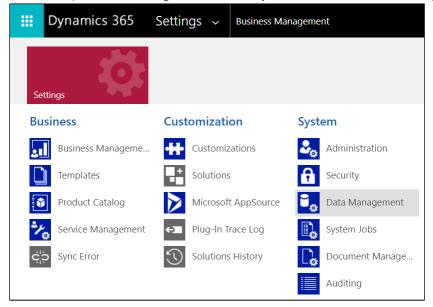
Healthcare data is sensitive and resides in a secure location. Frequently, healthcare organizations will use an Electronic Health Record (EHR) vendor to store their data and use data models based on the Fast Healthcare Interoperability Resources (FHIR) standards framework. In this structure, you can synchronize this data into Dataverse using Azure Healthcare APIs. We will not demonstrate this concept in this lab as it requires Azure API for FHIR. You can learn more about the topic on Microsoft Docs.

For this lab, we have supplied the necessary Atkins family healthcare data in a zip file for you to import. You can find the zip file in the training resources. The **Demo Data Import.zip** file contains multiple csv files corresponding to various healthcare entities. This exercise will walk you through the process to import the zip file and match the metadata to the associated entities and fields.

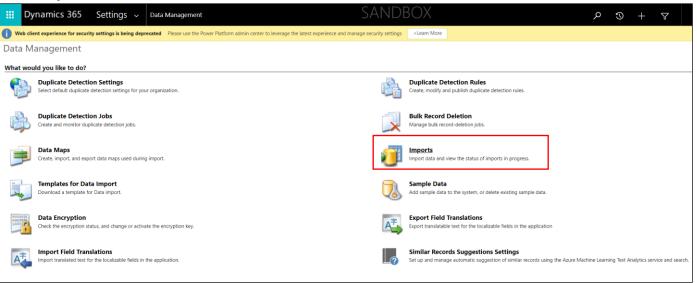
- 1. Once you have downloaded the necessary zip file, navigate to Power Apps.
- 2. In Power Apps, click the gauge icon in the upper right. Select Advanced Settings in the Settings menu.



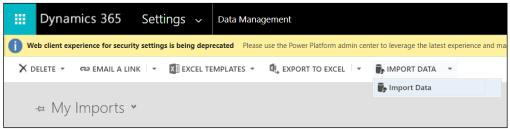
3. This will open the Settings window in Dynamics 365. From **Settings**, select **Data Management**.



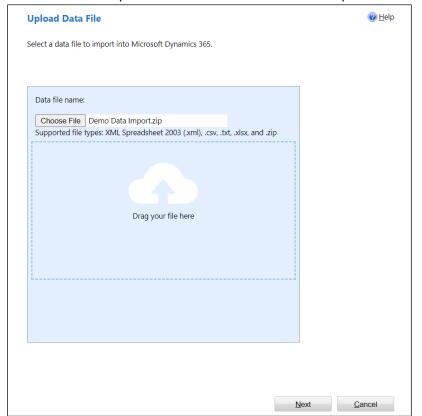
4. Go to Imports.



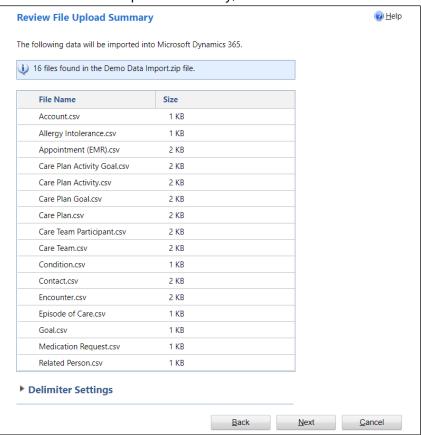
5. Select **Import Data** on the command bar.



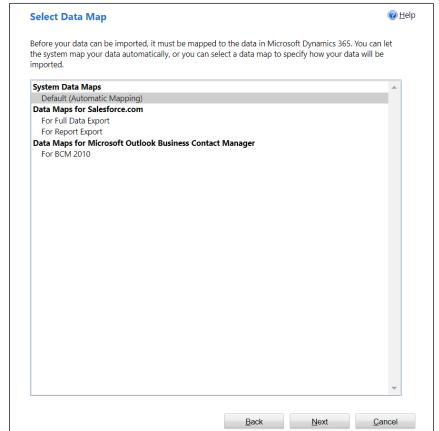
6. Click **Choose File**. Select the file "**Demo Data Import.zip**" which you downloaded from the training resources. This zip file contains all the entities to import in csv file format. Click **Next**.



7. On the Review File Upload Summary, it will show the list of files to import. Click Next.

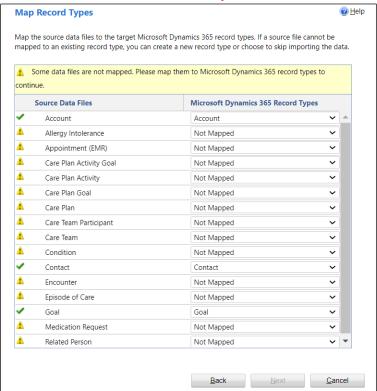


8. On the Select Data Map screen, select **Default** (Automatic Mapping). Click **Next**.

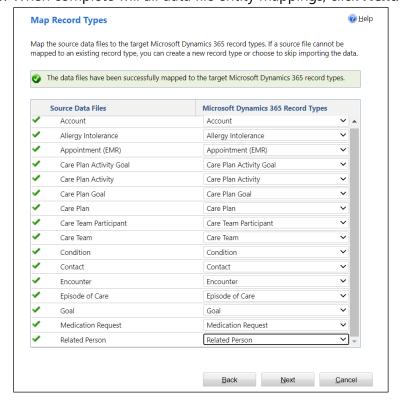


9. On the Map Record Types screen, you will map the source data file name to the Dynamics record type in the system. Select the **Record Type** that matches the source data file name for each unmapped pair.

Note: Goal may auto map to the INCORRECT entity. For the **Goal** record type, open the mapping drop-down and select the **first Goal** entry in the list.

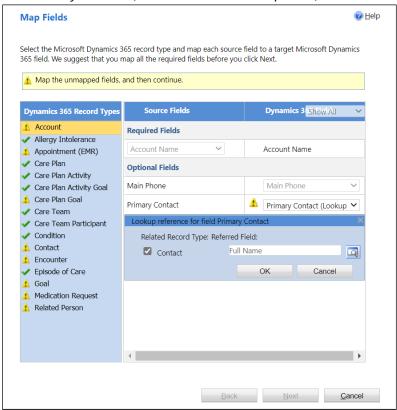


10. When complete will all data file entity mappings, click **Next**.

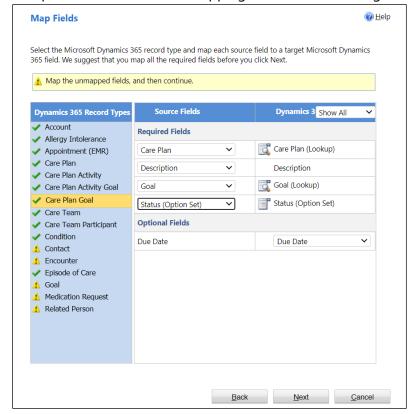


11. On the Map Fields screen, select any Dynamics record type that shows a warning symbol to **map the remaining fields** which the system could not map automatically.

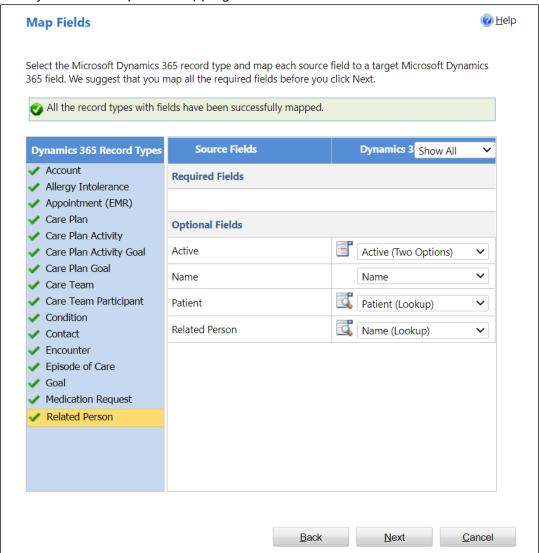
Note: For the Account record type, choose the <u>first</u> Primary Contact (Lookup). For Care Plan Goal and Encounter, you must fix the status in the required field section near the top of the section.



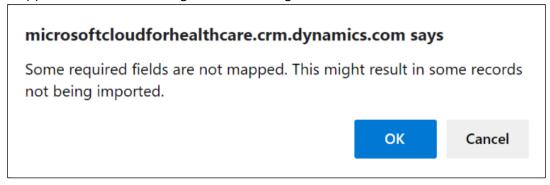
12. Complete the data schema mapping for all the remaining unmapped fields.



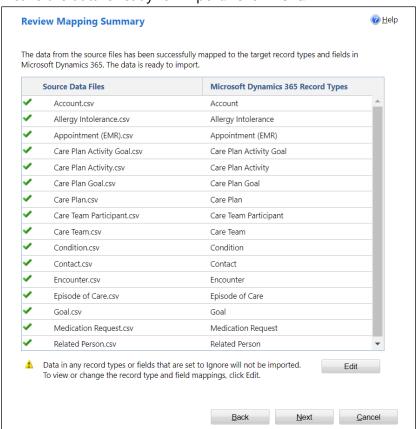
13. Once you have completed mapping the fields, select **Next**.



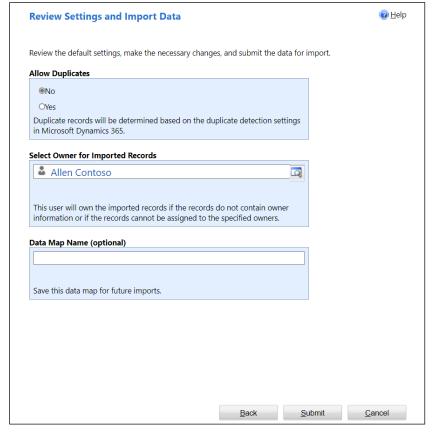
14. You may receive a pop-up error message that some required fields are not mapped. If you have mapped all the fields, disregard this warning, and click **OK** to continue.



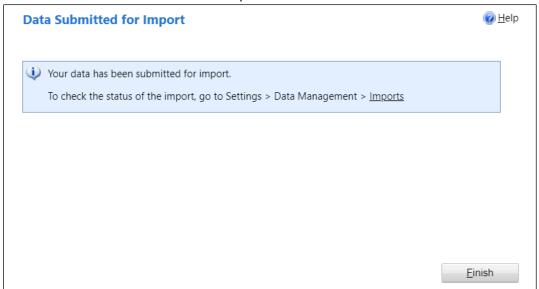
15. On the Review Mapping Summary screen, it should show a green check mark next to each entity. This means the data is ready for import. Click **Next**.



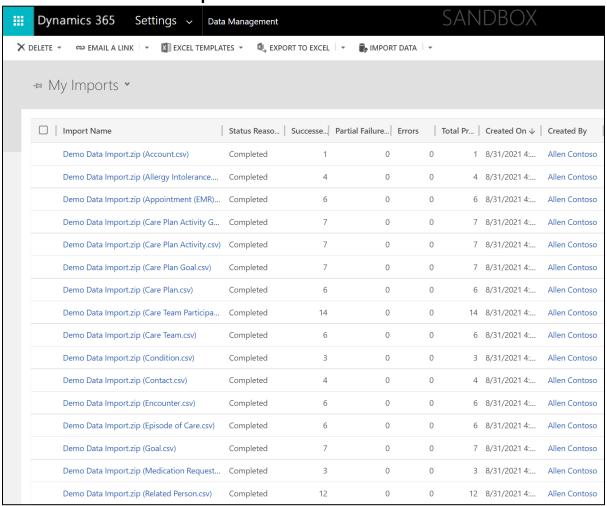
16. On the Review Settings and Import Data screen, ensure **Allow Duplicates** is set to **No**. If desired, set a Data Map Name to save for future imports. Then click **Submit**.



17. Your data has been submitted for import. You can click Finish.



18. To review the import progress and verify data imported successfully, go back to **Settings** > **Data Management** > **Imports**. Once the import is complete, the **My Imports** view should show the table with all **Status Reason** as **Completed** for all rows and no Partial Failures or Errors in the table.

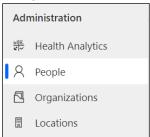


Congratulations! You have successfully imported the necessary Atkins family healthcare information that the new Lamna Healthcare Company branch location will use to provide proper care.

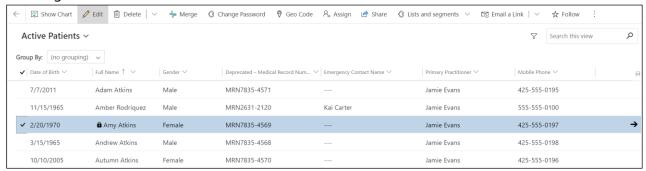
Exercise 3: Navigate Care Management Features

In this exercise, you will navigate the patient record of one of the Contacts that you imported in the previous exercise. In this case, we will examine the healthcare information of Amy Atkins to see how a care team member would obtain a full view of the patient.

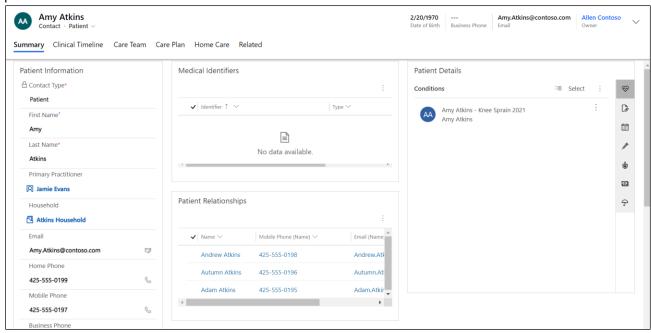
1. Navigate to the Care Management application and select **People** on the Site Map.



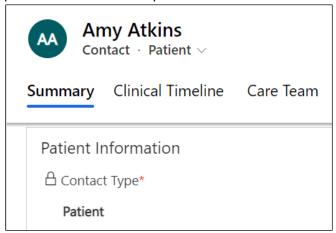
2. Find and select **Amy Atkins** from the Active Patients view. Open the record by double clicking or selecting Edit in the command bar.



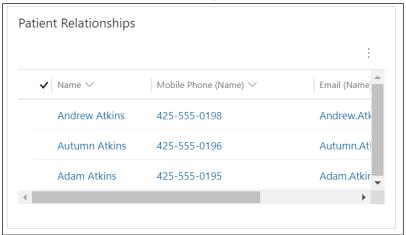
3. Take a moment to examine the **Summary** tab on Amy's patient record. On this tab, the care team member will have a full view of Amy's primary **information**, **relationships**, healthcare **details**, and patient **interactions**.



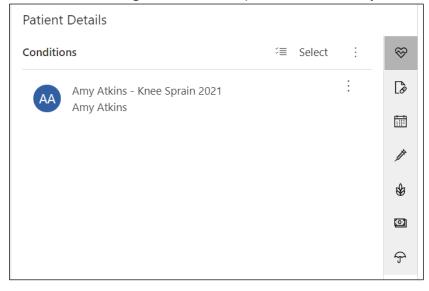
4. In the **Patient Information** section, notice that the **Contact Type** field is **Patient**. The healthcare data model uses the contact entity from the Common Data Model and defines the type of contact as patient, practitioner, or related person. This determines the type of form shown. Here we see the patient form.



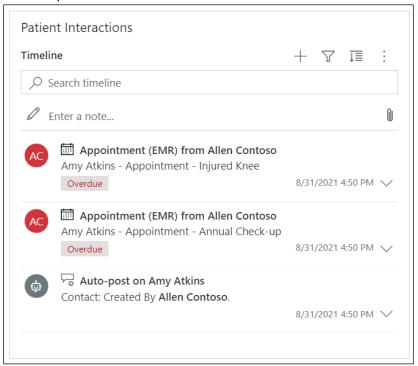
5. In the **Patient Relationships** section, you can see the rest of the Atkins family is listed since they are linked as related persons in the system.



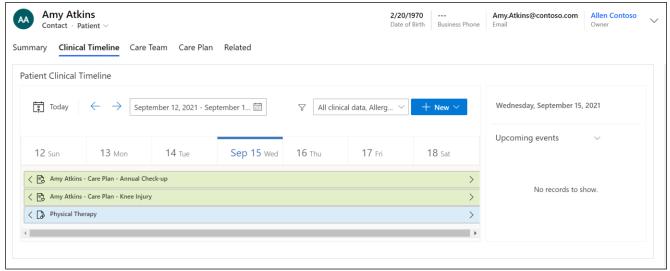
6. In the **Patient Details** section, you can cycle through the various icons to see different medical details including **conditions**, **medication requests**, **appointments (EMR)**, **procedures**, **allergy intolerances**, **claims**, and **coverages**. This is a simple and efficient way to observe patient healthcare details.



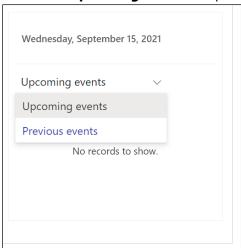
7. If you scroll down on the page, you will see the **Patient Interactions** section. This shows any activity, note, or post and can be filtered or sorted.



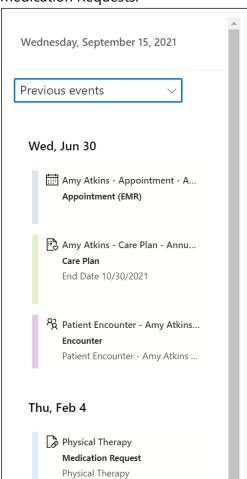
8. Select the **Clinical Timeline** tab. On this tab, a care team member will be able to view a weekly calendar of the patient's clinical information as well as a list of any upcoming or previous events.



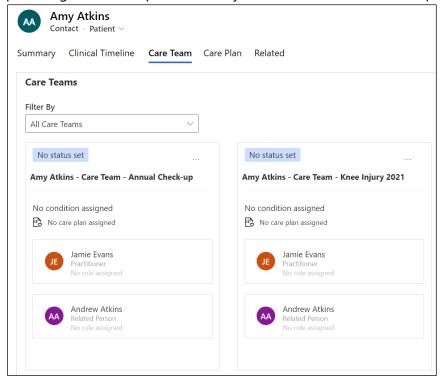
9. Select the **Upcoming events** dropdown in the right pane and switch to **previous events**.



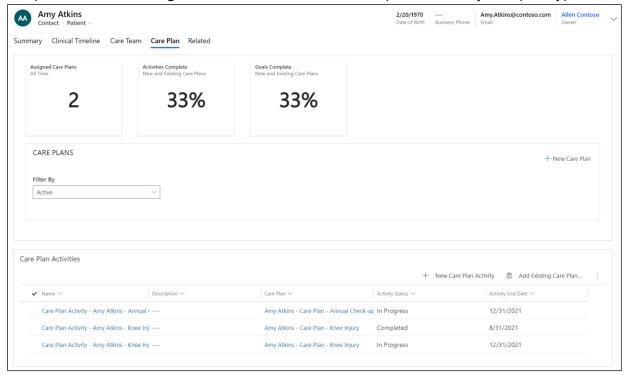
10. See the list of events Amy had previously including Appointments, Care Plans, Encounters, and Medication Requests.



11. Select the **Care Team** tab. On this tab, the care team member can find other members who may be providing care to the patient for any current conditions and care plans.



12. Select the **Care Plan** tab. On this tab, the care team member will be able to see a full view of all the Care Plans associated to the patient. This includes a list of their care plan activities and statistics for completed activities and goals. You can create a new care plan or filter by care plan type in this view.



13. Finally, select the **Related** tab to see any additional details related to the patient record.

Congratulations! You have explored the Care Management app and its featured data within a patient record.

Summary

Nice work! You have completed Lab 01 - Care Management.

In this lab, you learned how to do the following:

- Create a new branch location record associated with an organization
- Import data and understand the healthcare data model further
- Navigate Care Management application and patient records to discover their clinical data including Encounters, Medication Requests, Care Plans, Care Timelines, Care Plan Activities etc.