# Patient All-In-One Dashboard

https://enderpicture.github.io/doctor-dashboard/

Donny (Xi) Wu, Xiaoting (Ridge) Zhang

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# Contents

# Introduction

Our External Partner, the Fraser Health Authority is one of the six publicly funded health regions of British Columbia (see Figure 1) and one of Canada's largest and fastest-growing health authorities that provide services to 1.8 million people (Fraser Health Authority, 2020). They have over 26,000 employees, 2,900 physicians and over 6,000 volunteers. Currently, they have an UCI system, which they have built themselves, to address the pain point of the physician which is having to search multiple tabs for pieces of information that they are looking for. By working with them, they have provided us with mock datasets such as patient stories 3 for scenarios being abdominal pain, chest pain, and shortness of breath, and cheat sheets for the commonly looked at categories and questions asked per type of physician in the hospital.
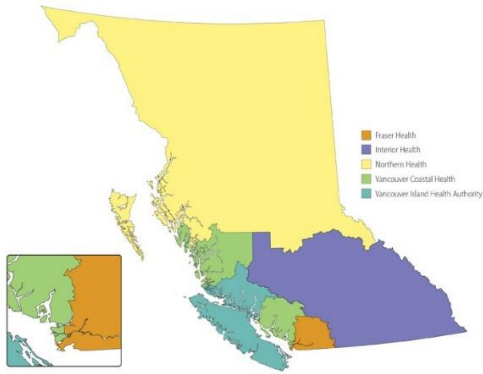
**Figure 1:** There are 6 health regions and 5 of the 6 are shown on this map. Image from Government of B.C. (2020). Retrieved from https://www2.gov.bc.ca/gov/content/

health/about-bc-s-health-care-system/partners/health-authorities/regional-health-

authorities

## *Faculty Mentor*

Dr. Lyn Bartram

## *External Supervisor*

Shaolin Tsui, Manager of User Experience and Visual Design System Optimization at Fraser Health.

## *Stakeholders*

The stakeholders for this project include Fraser Health decision-makers because they will decide whether this new patient view will be implemented, the design team of

Fraser Health since they have the power to persuade the policy makes of Fraser Health on whether they should adapt to this new system or not, and the users.

### Users

The primary user is the physicians of hospitals and emergency rooms but users may include nurses, technicians, and other hospital staff.

# Design problem

The current MediTech and UCI system uses tabs and windows where every different type of information is located in different tabs, which is a pain point for the physician. When the physician in the hospital or the emergency room needs to find something, they will have to search within among the tabs and there is no way to compare data, resulting in large amounts of time being wasted due to the lack of flow, which one problem that Fraser Health is trying to improve. In addition, this increases the room for error. In addition, the physician will also have a hard time understanding the patient journey, which is a large collection of records including laboratory tests, imaging and so on. With the existing software, there is no way the physician can simultaneous look that the specific record existing at different tabs which can result in the physician forgetting what they were searching for. Most importantly, the patient records are being accessed by many doctors and it is hard to an individual doctor to see the patient's big picture as they are handed off from doctor to doctor as they may only see results in from their niche areas.

# Finalized Proposed Solution

The proposed solution is an all in one patient dashboard, designed for physicians in hospitals including the emergency room, to help them find all relevant information regarding the patient. We have designed a timeline which allows the physicians to view a patient's journey at any given point in time in order to understand what previous physicians based their decisions on. We have also implemented a workspace which allows the physicians to view results from multiple tabs to fully understand the patient's journey. More importantly, we have added a notes function which allow physicians to communicate with each other and help them understand the patient's big picture as the patient's journey is being handed off from one doctor to another.

It would be nice for this dashboard to provide details such as background information, allergies, scans and so on that is easy to access. However, the main focus will be four categories being Clinical Documents, Laboratory, Imaging and Encounters, which are the most commonly searched categories by physicians in hospitals. This should be able to assuage the physician's pain point of having to look through multiple tabs on MediTech. Our dashboard allows the physicians to view the records in detail, add and view notes of a record, build a workspace encompassing the records of their selection, search for a particular record with filters, name or time period, travel through time of the patient's journey and view the records from that perspective, and highlight abnormal results.

## Initial Research

The first step was to look at existing patient views and try to identify problems with them. Currently, there already exist many Patient All-In-One Views where physicians can view patient data. The data includes lab results, medical imaging reports, clinical notes, and so on. The current existing ones are MyChart and MediTech. (MyChart, 2020) (see Figure 2).

Another example that we have looked at is the Patient Management System (Multitech, 2013) and OPD+ Clinic Software for Consulting Doctors, Physician, Family Physician, and General Practitioner (Prajapati, 2011). Currently, the other two are not used by Fraser Health, but they serve as ideas to inspire us to innovate new designs.
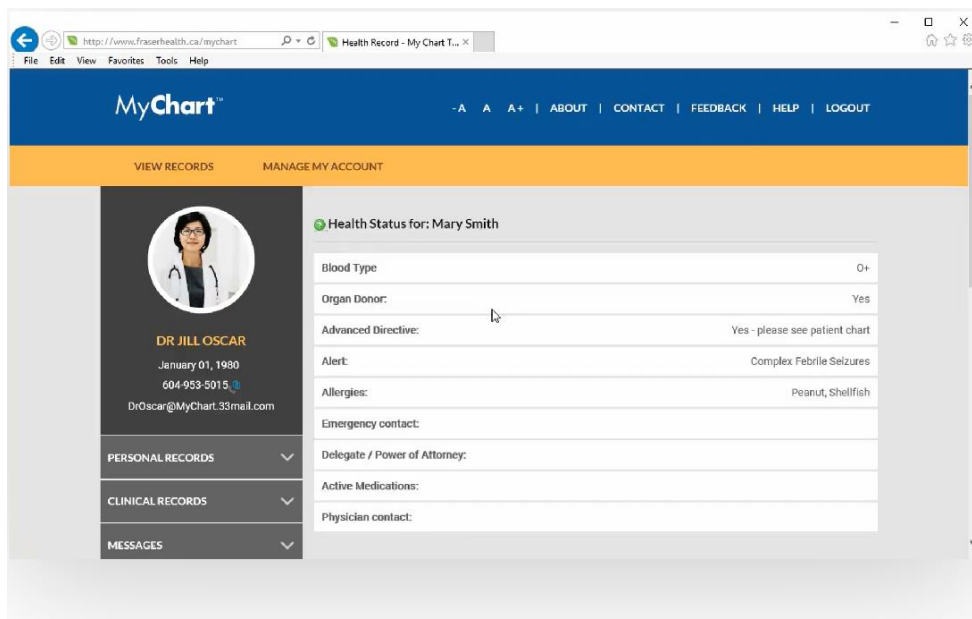


**Figure 2:** This is what the doctor can see about the patient on MyChart and the contents are fairly simple. Image from Government of B.C. (2020). Retrieved from

MyChart. (2020). WELCOME TO MYCHARTTM. Retrieved January 16, 2020, from

https://www.mychart.ca/

Through our visits to different physicians, we have noticed that some are old fashioned, using pen and paper to record data, while others use the computer. According to research from the University of Kansas and Central Florida, a uniform Electronic Medical Record (or EMR) can significantly reduce medical errors and cut healthcare costs, as physician data tend to be written in a traditional manner while nurses or other personnel enters data into an information system (Ilie et al., 2007). A decade later, similar research was also conducted on the electronic documentation system stating that the quality of free-text subsections was significantly higher in the electronic vs paper notes with a score of 93 vs 78 with 100 being the highest score, assessed by the QNOTE instrument (Jamieson et al., 2016). Aside from accuracy, using paper will result in difficulties finding through all the data as papers can be lost, handwriting might now be readable by other doctors, and so on, increasing the complication for the physician. Through research done by Fraser Health and Shaolin, they have already identified that a Patient All-In-One View is necessary for the physician so they can relate all the information related to the patient on a single page to understand the entire patient episode of care at a glance.

## Initial Sketches

Right after researching existing software and learning their strength and weaknesses, we began by generating sketches just to get an idea of which components exist in patient dashboards. Through sketching, not only do we have the opportunity to

ideate, but we will have the ability to observe existing software in depth. Sketching has been done during every single phase of this project, so it will only be mentioned here to reduce redundancy.
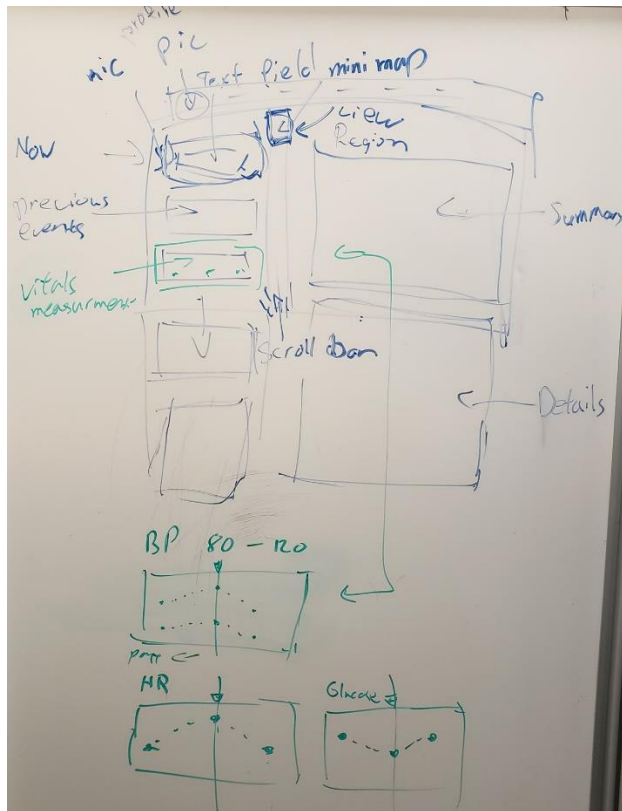


**Figure 3:** This is a simply sketch that we have drawn in order to understand possible components of the patient dashboard.

## Researching Fraser Health's software, UCI

Fortunately, we were given screenshots on a software that Fraser Health is developing, the UCI which aims to solve a similar problem. Similar to what we have done with sample patient dashboards, we were thinking of parts that we need to look at.

## Three Patient Stories

Fraser Health has provided us with three patient stories, being scenarios of 3 most common cases for patients to enter into the Emergency Room. These three cases contain their entire treatment process including basic information and room transfers, appointments, lab tests and surgeries. In other words, it is the journey of the patient. The data is organized by categories, and within each category, it is sorted by date.

## Compiling Patient Data

With the temporal data, we have separated it from the categories and sorted everything by date. For the Meditech Order Entry section, being lab tests, we have sorted it by service date which means when the tests are actually taken, rather than the order date, which is when the physicians delegate the tasks to technicians or specialists. For the location data, we have sorted the data by the start date. Moreover, for the Meditech Surgeries section, we have sorted the data by the Patient in Room time. This was done using Google Sheets.

Next, we have used the countif function to determine which lab tests are the most common, and rank the tests in order depending on the number of times it was done. After confirming with Fraser Health, the tests that were conducted most frequently are most often easy and use tests to conduct or that results vary quickly over time.

## Building a Story

One task we have done with the compiled patient data was building a story. We constructed a story in words that conveys the process that the patient goes through

from when they are first admitted to the ER to when they are discharged. The purpose

of this story is to provide us with a sense of what the patient goes through, how

complicated the process is, in what order are the tasks accomplished, are there tasks

that are repetitive, and so on. With those insights gained, we can better understand

what a dashboard needs to encompass.

## Building a JSON File

Loading the data as a JSON file was the next step. We have created an array

which contains different symptoms including abdominal pain, chest pain, and shortness

of breath, which are objects. Within those objects, we have data for name, and more

arrays being lab tests, admissions and so on (see Figure X). Within each array will be

objects which contain even more information. That is our data hierarchy.

```js
let patients = [
    abdominalPain =
    {
        name: "james john",
        labTests: [ ⋯
        ],
        appointments: [ ⋯
        ],
        EDM: [ ⋯
        ],
        ADM: [ ⋯
        ],
        EDMLocationHistory: [ ⋯
        ],
        ADMLocationHistory: [
            {
                StartDate: "06-Dec-2030 22:39",
                EndDate: "08-Dec-2030 16:35",
                From: "Hospital Room #1",
                To: "Hospital Room #2",
                Duration: "1.7 days",
            },
            {
                StartDate: "08-Dec-2030 16:35",
                EndDate: "08-Dec-2030 20:44",
                From: "Hospital Room #2",
                To: "Hospital Room #3",
                Duration: "0.2 days",
            },
            {
                StartDate: "08-Dec-2030 20:44",
                EndDate: "10-Dec-2030 20:54",
                From: "Hospital Room #3",
                To: "Hospital Room #4",
                Duration: "2.0 days",
            },
            {
                StartDate: "10-Dec-2030 20:54",
                EndDate: "29-Dec-2030 17:25",
                From: "Hospital Room #4",
                To: "Hospital Room #5",
                Duration: "18.9 days",
```

**Figure 4:** This is the hierarchical structure of our JSON file.

## *Researching Cheat Sheets to Identify Most Useful Categories.*

We have received a total of 28 cheat sheets for different types of physicians and within each cheat sheet, it contains categories of data that they are frequently searching for. We have manually typed all the categories of data and questions asked into Google Sheets, resulting in one sheet listing all the categories and another listing all the questions asked (see Appendix 4 and 5). Similar to what we have done to find the most common tests, we have used the countif function to find the most searched categories by ranking them in order of the count, and done the same for the questions asked.

After looking at the data, we have decided to focus on the top 4 sorted categories which are clinical documents, laboratory, imaging, and encounters. We have selected these three and only three because the number of times they occurred in the cheat sheets is significantly higher than the one in fourth place being encounters.

Within each category, we have selected three most frequently asked questions to address focus on but we are trying to satisfy each question. For the clinical documents, the three most frequently asked questions are "how do I find documents from a specific hospital?", "how do I find documents from VCH (Vancouver Coastal Health), PHSA (Provincial Health Services Authority) & PHC (Providence Health Care)?", and "how do I view documents from VCH, PHSA & PHC?". The three most asked questions for the laboratory category are "how do I find a patient's recent lab results?", "how do I find lab results From LifeLabs for BC Bio?" and "how do I search for specific lab results?" As for the imaging category, the most asked questions are "how do I find diagnostic images

and reports?", "how do I find the most recent CT scans?", and "how do I find the most recent diagnostic imaging?". As for encounters, the three most asked questions are "how do I see if a patient receives community care?", how do I view a patient's health care encounters?" and "how do I see if my client has been discharged?". Moving forwards, we will keep these 4 categories and these questions in mind while we are working on a prototype.

## Building A Flow Diagram

After researching the cheat sheets, we have tried to build a prototype; however, we realized that developing a flow diagram prior would be effective in helping us understand what types of information do the physician need at different stages. For example, a surgeon would need different information than a physician who is looking after the patient.

With the patient data that we have compiled and sorted by date; we have further looked at the data to break it down into categories. For example, tests that were taken during the day of the surgery should be critical information which decides whether surgery is necessary or tests that have been taken the day the patient is admitted should be useful for the admissions team. Once we have separated the patients' records into sections, we have developed a flow diagram to help us understand the overall process (see Appendix 3). In addition to the spreadsheet which contains the details of each phase, we can better understand what the different types of physicians will need during different phases.

## Developing the Wireframe

The next biggest step was creating wireframes because this will allow us to show Shaolin, from Fraser Health, our ideas rather than simply communicating it verbally which could be misleading. We have created a few wireframes with different ideas visualizing the same dataset. Once we have shown them to Shaolin, he told us points that he believed were really promising and parts that we should change. With the feedback we have received from Shaolin, we have combined the good points from our different wireframes and developed a better wireframe which we will program (see Figure 5). Upon creating that wireframe, we have also made huge modifications so the final implementation is slightly different.
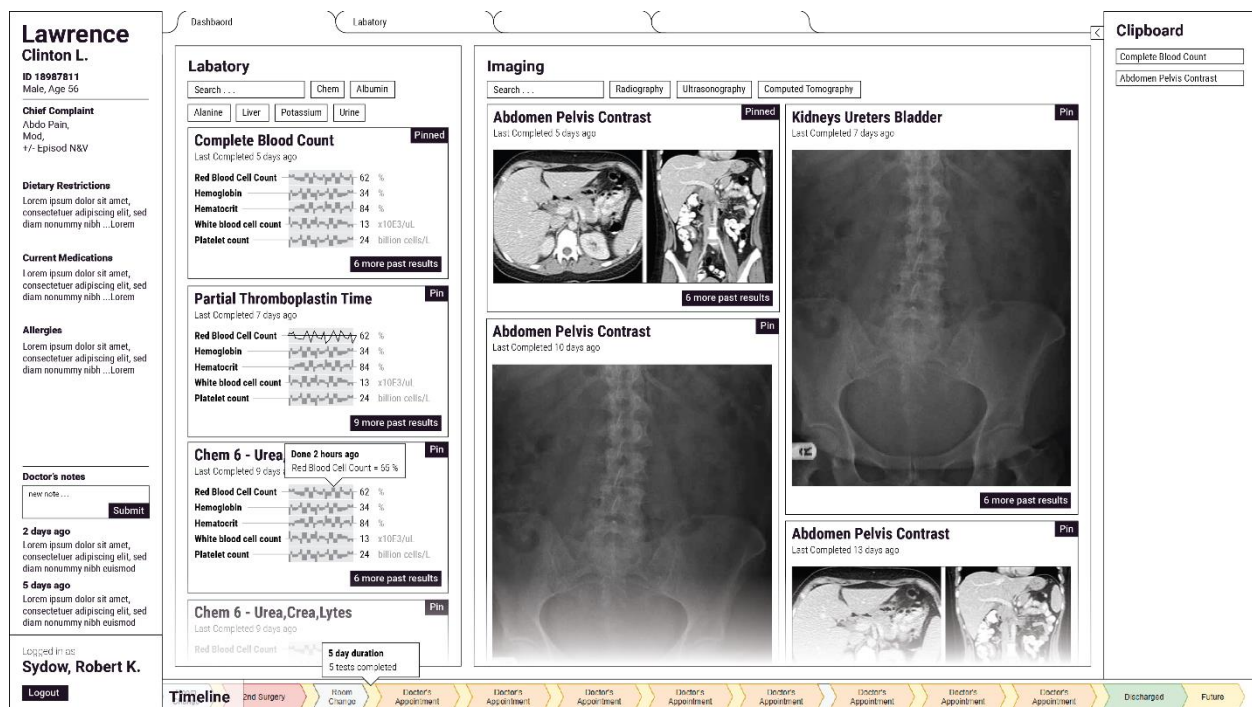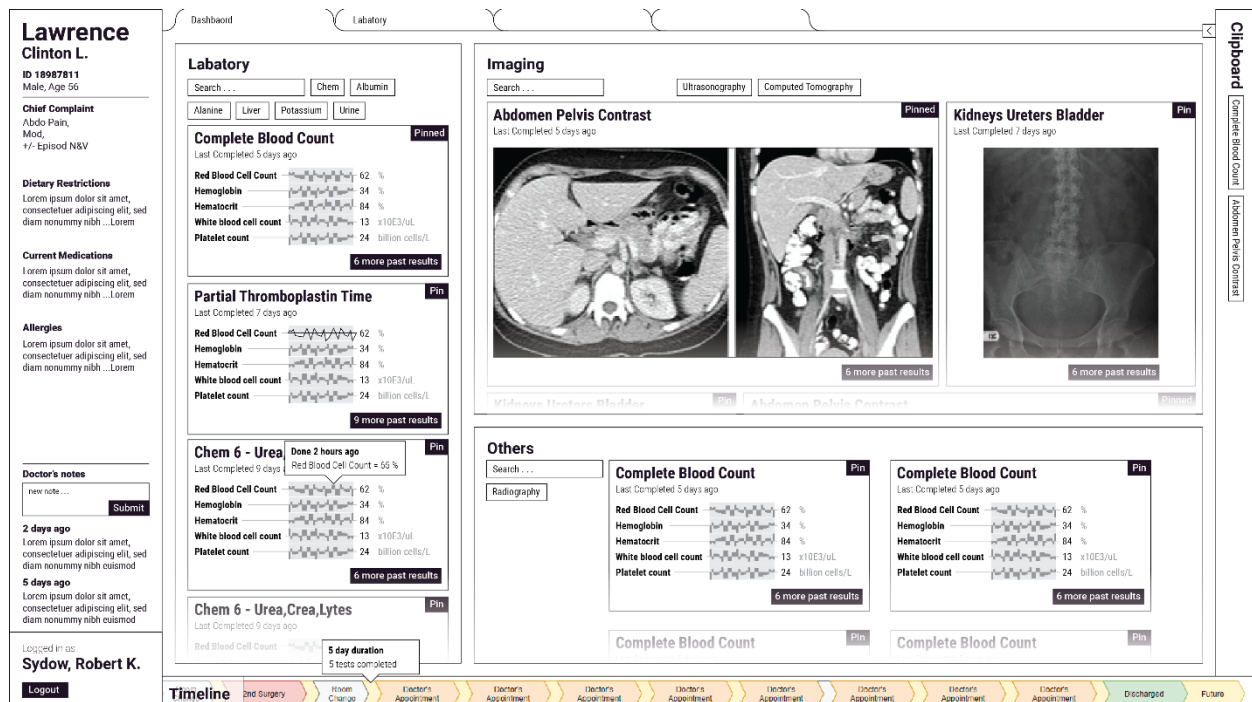
**Figure 5:** This is the wireframe that is the closest to our current implementation.

## Building a Flowchart to Ensure We Incorporated Most Asked Questions

As we are building our finalized dashboard, we have also generated a flow chart (see Appendix 6). This flowchart provides answers for the most frequently asked questions which we have sorted from the Fraser Health Cheat Sheet documents for physicians. For example, if the question is how to find lab results, the flow chart will walk the physician through the steps necessary to find what they are looking for. By completing this chart, we know that we have addressed the pain points of the physicians.

# Final Prototype

Our final Prototype has a few key functions which will assuage the physicians' pain points on retrieving records (lab tests, imaging, and others): view the records in detail, add and view notes of a record, build a workspace encompassing the records of their selection, search for a particular record with filters, name or time period, travel through time of the patient's journey and view the records from that perspective, and highlight abnormal results.

## View Records in Detail

Right-click a record to select it and details can be viewed in the details tab (see Figure 6). The details tab will show the number of times that a particular task has been done and all the past results. For example, if it is a complete blood count, it will show the number of times this test was done and the past results of that test.

**Figure 6:** This prototype allows physicians to view records in detail.

## Adding Notes

In order to read or write notes, the record must be selected first by using the right mouse button. Notes can be viewed or added in the details tab or on the left end side. To commit the notes, press shift and enter.

## Build a Workspace

To build a workspace, CTRL-click and select the records that the physicians want to view (see Figure 7). They may view results from different categories. For example, they can view an image and a lab test.
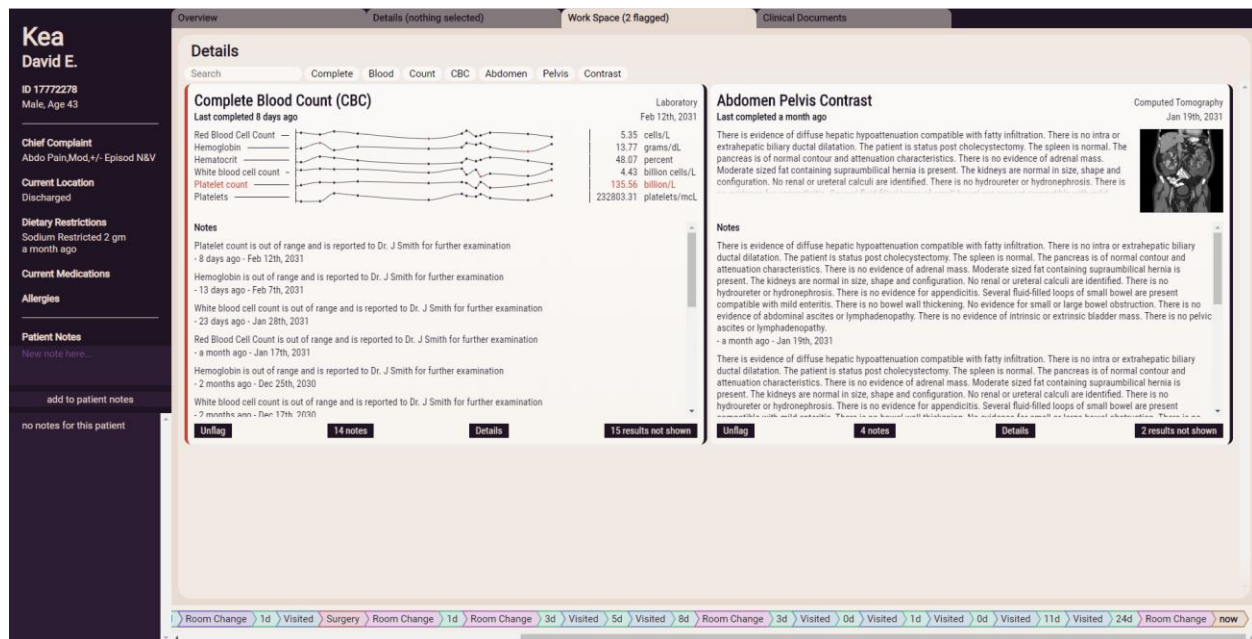


**Figure 7:** This shows a workspace of different records for physicians to build.

## *Search and Filter*

To find a particular test, the physician can use the search and filter function to find the record (see Figure 8). Searching uses fuzzy search so if the physician misspelled the word, they can still find the record they are looking for. If they do not know the name of the record but know which stage of the patient journey or date of when the record is created, they can use the timeline to scroll to the appropriate date.
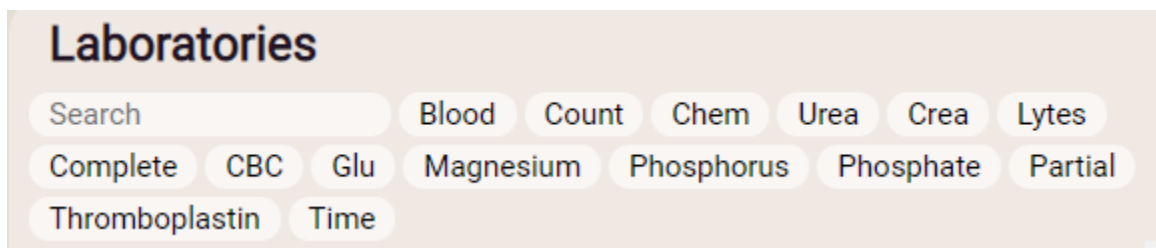


**Figure 8:** Search bar and filters can help the physician find what they are looking for.

## *Travel Through Patient Journey*

The physician can use the timeline to travel through the patient journey and land at a specific event or time period (see Figure 9). Once landed, they experience what data are available to the physicians at that particular time and understand what lead to the decisions that they have made.
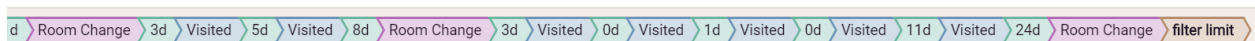


**Figure 9:** The timeline bar allows the physician to view records at a specific time.

Abnormal results will have a red highlight to the record and a red font size for the data. This will allow the physician to easily sport any abnormal results and instantly bring it to their attention.

# Conclusion and Future Directions

Under intense time constraints, and a period of natural disasters (Fraser Health is occupied with the Covid-19 Epidemic), we are extremely successful in addressing the pain points of physicians on the current MediTech system and innovate a new dashboard which assuages them. This prototype allows the physician to view the records in detail, add and view notes of a record, build a workspace encompassing the records of their selection, search for a particular record with filters, name or time period, travel through time of the patient's journey and view the records from that perspective, and highlight abnormal results. Most importantly, it allows any physician to easily understand the chaotic patient journey consisting of laboratory tests, imaging, and so forth through a click of a button. By using our timeline, the physician can easily understand the patient at a chosen time. Moreover, they can select important results that are laid out for them and view them simultaneously in the workspace tab which is not present in MediTech or the UCI software. With the latter software, the physician has to constantly look through tabs and windows which is more time consuming and more probable of error because they may forget what they were looking for. Lastly, our prototype allows physicians to record notes next to any results of the patients' journey,

which can aid the next physicians' understanding as they are trying to understand the big picture of the patient.

Even though we were unable to get physician time due to the epidemic outbreak, we were able to get four experts working on system operation from Fraser Health to view our prototype and provide suggestions (see Appendix 7). Considering that the feedbacks received came from expert designers, the majority of the feedback we received were about how this software will help physicians perform their tasks, but more about design principles. For example, User 2 mentioned about hierarchy between title and result and Gestalt principles for the note adding section, and User 4 mentioned contrast and white space (see Appendix 7). Ironically, User 1 mentioned that he wants us to implement windows rather than tabs, which was the opposite of the purpose of this prototype which replaces windows with tabs; however, User 4 really liked the idea of tabs (see Appendix 4). Due to limited time, we are only able to incorporate a few while the majority of them are for future improvements such as design issues.

As future directions, we will implement the improvements from the design perspective to our prototype to provide it with an even more pleasing aesthetical look. Most importantly, we will aim to get feedback from actual physicians because how they will interact with our prototype will be completely different compared to the design team. By getting their feedback, we can improve the user interaction portion of our project which will invigorate our prototype.

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# Appendix

*Appendix 1: List of Questions for Fraser Health*

1. When will we have access to a sample dataset?

2. Who are the Stakeholders?

    a. Decision policy makers for Fraser Health

3. Who is the primary target and who will use this?

    a. Family physicians?

    b. Clinics?

    c. Will the patient be able to access it?

    d. Who will we be doing user tests with?

    e. Will the patient be able to see the data and use the patient view

    f. Will they be able to see physician or nurse notes?

    g. Will they only have access to certain data?

4. Does the physician understand everything related to health?

    a. Is it practical for X-rays or ultrasounds to be shown for them or they will not understand the raw data?

    b. Will the view only show very rough outlines on the details of the information rather than a collection of raw data?

    c. If the patient will see the data, will they be able to understand the data?

5. What are the main sources of data?

    a. Data from labs (highly accurate) as well as doctor notes(less accurate)?

    b. Data from interviewing the patient (what they tell the doctor, not always true)?

    c. Should the view contain only the most credible data?

       i.    Eg. doctors may give diagnose before testing saying it might be this or that. After testing, there is only one illness, should the doctor's diagnose be deleted since it is not needed?

6. Are physicians obligated to use this software or can they still use pen and paper

    a. If so do they scan and upload the data?

7. Format of the data

    a. How is this getting inputted? Raw source of data?

       i.    Text field input?

       ii.   Checkboxes?

       iii.  Handwritten scans?

    b. Schema of data?

    c. Structure of data

       i.    Nested per patient? Per visit?

    d. Json, CSV, SQL db dump? How is the data given?

8. Physical design

    a. HTML resizable prototype design

9. What data can be shown to who? Is there a permission system, security clearance?

10. "Strategic Patient-Oriented Research"

    a. Fraser Health is a SPOR Node?

11. What are the touches of the system?

    a. What data will the physician have access to about the patient

b. In Fraser Health, the physician will have access to all of the patient's medical records

c. There are data that psychiatrists provide which is part of the whole patient record but not the medical records, will the physician have the right to see it?

d. Can the patient decide what they want the doctors to see?

    i. Cause clients may tell psychiatrists personal information that may be illegal

    ii. Eg, if the patient tells psychiarist that they plan on committing suicide, the professional is obligated to call the police in the U.S.

e. Finding the right balance between privacy and usefulness

12. What is the purpose of the patient all-in-one-view?

a. Allow physicians to easily retrieve information and display all of the information in one view?

b. If there is too much information, which ones to display and which ones to leave out?

c. Is the main purpose just for the physicians to view or any doctor be able to see the same view?

d. Can the patient input details like how are they feeling on a daily basis and their blood pressure?

e. Can the patient publicize or share their results with another family member, if they have access?

f. Can the physician selectively filter data on what they want the other doctors to show and what they want to keep private for the patient?

## Appendix 2: Sorted Patient Journeys

Abdominal Pain

| Meditech Order Entry | 02-Dec-2030 | 02-Dec-2030 | 02-Dec-2030 | Laboratory | Urine Routine (Urinalysis) |
|---|---|---|---|---|---|
| Meditech Order Entry | 02-Dec-2030 | 02-Dec-2030 | 02-Dec-2030 | Computed Tomography | Abdo Pelvis Renal Colic (KUB) |
| Meditech Order Entry | | 02-Dec-2030 | 02-Dec-2030 | Dietary | Nothing By Mouth |
| Meditech Order Entry | 02-Dec-2030 | 02-Dec-2030 | 02-Dec-2030 | Cardiology | ECG - Adult (12 Lead) |
| EDM Location History | 02-Dec-2030 15:28 | 02-Dec-2030 15:46 | Emergency Room #1 | Emergency Room #2 | 0.3 days |
| EDM Location History | 02-Dec-2030 15:46 | 02-Dec-2030 16:02 | Emergency Room #2 | Emergency Room #3 | 0.3 days |
| EDM Location History | 02-Dec-2030 16:02 | 02-Dec-2030 18:52 | Emergency Room #3 | Emergency Room #4 | 2.8 days |
| Meditech Surgeries | 02-Dec-2030 17:06 | Room #1 | Surgeon #1 | Internal Medicine | Anaesthetist #1 |
| EDM Location History | 02-Dec-2030 18:52 | 03-Dec-2030 12:40 | Emergency Room #4 | Emergency Room #5 | 17.8 days |
| Meditech Order Entry | 03-Dec-2030 | 02-Dec-2030 | 03-Dec-2030 | Dietary | General |
| Meditech Order Entry | 03-Dec-2030 | 02-Dec-2030 | 03-Dec-2030 | Laboratory | Ammonia |
| Meditech Order Entry | 03-Dec-2030 | 02-Dec-2030 | 03-Dec-2030 | Laboratory | Chem 7 - Glu R,Urea,Crea,Lytes |
| Meditech Order Entry | 03-Dec-2030 | 02-Dec-2030 | 03-Dec-2030 | Laboratory | Complete Blood Count (CBC) |
| Meditech Order Entry | 03-Dec-2030 | 02-Dec-2030 | 03-Dec-2030 | Laboratory | Liver Function Tests (LFT) |
| Meditech Order Entry | 03-Dec-2030 | 02-Dec-2030 | 03-Dec-2030 | Laboratory | Magnesium |
| Meditech Order Entry | 03-Dec-2030 | 02-Dec-2030 | 03-Dec-2030 | Laboratory | Phosphorus (Phosphate) |

| | | | | | |
|---|---|---|---|---|---|
| **Meditech Order Entry** | 03-Dec-2030 | 03-Dec-2030 | 03-Dec-2030 | Laboratory | Troponin I |
| **Meditech Order Entry** | 03-Dec-2030 | 03-Dec-2030 | 03-Dec-2030 | Cardiology | ECG - Adult (12 Lead) |
| **Meditech Order Entry** | 03-Dec-2030 | 03-Dec-2030 | 03-Dec-2030 | Laboratory | Troponin I |
| **Meditech Order Entry** | 03-Dec-2030 | 03-Dec-2030 | 03-Dec-2030 | Laboratory | Urine Drugs of Abuse Screen |
| **EDM Location History** | 03-Dec-2030 12:40 | 03-Dec-2030 13:09 | Emergency Room #5 | Emergency Room #6 | 0.5 days |
| **EDM Location History** | 03-Dec-2030 13:09 | 06-Dec-2030 22:39 | Emergency Room #6 | Hospital Room #1 | 81.5 days |
| **Meditech Order Entry** | 04-Dec-2030 | 03-Dec-2030 | 04-Dec-2030 | Laboratory | Chem 7 - Glu R,Urea,Crea,Lytes |
| **Meditech Order Entry** | 04-Dec-2030 | 03-Dec-2030 | 04-Dec-2030 | | Complete Blood Count (CBC) |
| **Meditech Order Entry** | 04-Dec-2030 | 03-Dec-2030 | 04-Dec-2030 | Laboratory | Ionized Calcium Profile |
| **Meditech Order Entry** | 04-Dec-2030 | 03-Dec-2030 | 04-Dec-2030 | Laboratory | Magnesium |
| **Meditech Order Entry** | 04-Dec-2030 | 03-Dec-2030 | 04-Dec-2030 | Laboratory | Phosphorus (Phosphate) |
| **Meditech Order Entry** | 04-Dec-2030 | 04-Dec-2030 | 04-Dec-2030 | Radiography | Abdomen Multi Views |
| **Meditech Order Entry** | 05-Dec-2030 | 04-Dec-2030 | 05-Dec-2030 | Laboratory | Chem 7 - Glu R,Urea,Crea,Lytes |
| **Meditech Order Entry** | 05-Dec-2030 | 04-Dec-2030 | 05-Dec-2030 | Laboratory | Complete Blood Count (CBC) |
| **Meditech Order Entry** | 05-Dec-2030 | 05-Dec-2030 | 05-Dec-2030 | Computed Tomography | Abdomen Pelvis Contrast |
| **Meditech Order Entry** | 05-Dec-2030 | 05-Dec-2030 | 05-Dec-2030 | Dietary | Nothing By Mouth |
| **Meditech Order Entry** | 06-Dec-2030 | 05-Dec-2030 | 06-Dec-2030 | Laboratory | Chem 7 - Glu R,Urea,Crea,Lytes |
| **Meditech Order Entry** | 06-Dec-2030 | 05-Dec-2030 | 06-Dec-2030 | Laboratory | Complete Blood Count (CBC) |
| **Meditech Order Entry** | 06-Dec-2030 | 05-Dec-2030 | 06-Dec-2030 | Laboratory | INR (PT) |
| **Meditech Order Entry** | 06-Dec-2030 | 05-Dec-2030 | 06-Dec-2030 | Laboratory | Lactate: Lactic Acid |

| | | | | | |
|---|---|---|---|---|---|
| **Meditech Order Entry** | 06-Dec-2030 | 05-Dec-2030 | 06-Dec-2030 | Laboratory | Partial Thromboplastin Time |
| **Meditech Order Entry** | 06-Dec-2030 | 05-Dec-2030 | 06-Dec-2030 | Radiography | Chest (CXR) |
| **Meditech Order Entry** | 06-Dec-2030 | 05-Dec-2030 | 06-Dec-2030 | Transfusion Medical Laboratory | Group & Screen |
| **Meditech Order Entry** | 06-Dec-2030 | 06-Dec-2030 | 06-Dec-2030 | Laboratory | Lipase |
| **Meditech Order Entry** | 06-Dec-2030 | 06-Dec-2030 | 06-Dec-2030 | Transfusion Medical Laboratory | Cryoprecipitated AHF |
| **Meditech Order Entry** | 06-Dec-2030 | 06-Dec-2030 | 06-Dec-2030 | Transfusion Medical Laboratory | Plasma |
| **Meditech Order Entry** | 06-Dec-2030 | 06-Dec-2030 | 06-Dec-2030 | Transfusion Medical Laboratory | Platelets |
| **Meditech Order Entry** | 06-Dec-2030 | 06-Dec-2030 | 06-Dec-2030 | Transfusion Medical Laboratory | Red Blood Cells (Crossmatch) |
| **Meditech Order Entry** | 06-Dec-2030 | 06-Dec-2030 | 06-Dec-2030 | Social Work | Social Work Referral |
| **ADM Location History** | 06-Dec-2030 22:39 | 08-Dec-2030 16:35 | Hospital Room #1 | Hospital Room #2 | 1.7 days |
| **Meditech Order Entry** | 07-Dec-2030 | 05-Dec-2030 | 07-Dec-2030 | Laboratory | Ammonia |
| **Meditech Order Entry** | 07-Dec-2030 | 05-Dec-2030 | 07-Dec-2030 | Laboratory | Chem 7 - Glu R,Urea,Crea,Lytes |
| **Meditech Order Entry** | 07-Dec-2030 | 05-Dec-2030 | 07-Dec-2030 | Laboratory | Complete Blood Count (CBC) |
| **Meditech Order Entry** | 07-Dec-2030 | 05-Dec-2030 | 07-Dec-2030 | Laboratory | INR (PT) |
| **Meditech Order Entry** | 07-Dec-2030 | 05-Dec-2030 | 07-Dec-2030 | Laboratory | Lactate: Lactic Acid |
| **Meditech Order Entry** | 07-Dec-2030 | 05-Dec-2030 | 07-Dec-2030 | Laboratory | Partial Thromboplastin Time |
| **Meditech Order Entry** | 07-Dec-2030 | 07-Dec-2030 | 07-Dec-2030 | Laboratory | Alanine Aminotransferase |
| **Meditech Order Entry** | 07-Dec-2030 | 07-Dec-2030 | 07-Dec-2030 | Laboratory | Albumin |

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| **Meditech Order Entry** | 07-Dec-2030 | 07-Dec-2030 | 07-Dec-2030 | Laboratory | Alkaline Phosphatase |
| **Meditech Order Entry** | 07-Dec-2030 | 07-Dec-2030 | 07-Dec-2030 | Laboratory | AST (SGOT) |
| **Meditech Order Entry** | 07-Dec-2030 | 07-Dec-2030 | 07-Dec-2030 | Laboratory | Bilirubin, Total |
| **Meditech Order Entry** | 07-Dec-2030 | 07-Dec-2030 | 07-Dec-2030 | Laboratory | Calcium |
| **Meditech Order Entry** | 07-Dec-2030 | 07-Dec-2030 | 07-Dec-2030 | Laboratory | Gamma Glutamyl Transferase |
| **Meditech Order Entry** | 07-Dec-2030 | 07-Dec-2030 | 07-Dec-2030 | Laboratory | Magnesium |
| **Meditech Order Entry** | 07-Dec-2030 | 07-Dec-2030 | 07-Dec-2030 | Laboratory | Phosphorus (Phosphate) |
| **Meditech Order Entry** | 07-Dec-2030 | 07-Dec-2030 | 07-Dec-2030 | Laboratory | Triglycerides |
| **Meditech Order Entry** | 07-Dec-2030 | 07-Dec-2030 | 07-Dec-2030 | Dietitian Referrals | Nutrition Assessment |
| **Meditech Order Entry** | 08-Dec-2030 | 05-Dec-2030 | 08-Dec-2030 | Laboratory | Chem 7 - Glu R,Urea,Crea,Lytes |
| **Meditech Order Entry** | 08-Dec-2030 | 05-Dec-2030 | 08-Dec-2030 | Laboratory | Complete Blood Count (CBC) |
| **Meditech Order Entry** | 08-Dec-2030 | 05-Dec-2030 | 08-Dec-2030 | Laboratory | INR (PT) |
| **Meditech Order Entry** | 08-Dec-2030 | 05-Dec-2030 | 08-Dec-2030 | Laboratory | Lactate: Lactic Acid |
| **Meditech Order Entry** | 08-Dec-2030 | 05-Dec-2030 | 08-Dec-2030 | Laboratory | Partial Thromboplastin Time |
| **Meditech Order Entry** | 08-Dec-2030 | 07-Dec-2030 | 08-Dec-2030 | Laboratory | TPN Orders - Day 1, 2 and 3 |
| **Meditech Order Entry** | 08-Dec-2030 | 08-Dec-2030 | 08-Dec-2030 | Transfusion Medical Laboratory | Albumin 25% |
| **Meditech Order Entry** | 08-Dec-2030 | 08-Dec-2030 | 08-Dec-2030 | Transfusion Medical Laboratory | Albumin 5% |
| **Meditech Order Entry** | 08-Dec-2030 | 08-Dec-2030 | 08-Dec-2030 | Laboratory | Rapid Arterial Metabolic Panel |
| **Meditech Order Entry** | 08-Dec-2030 | 08-Dec-2030 | 08-Dec-2030 | Microbiology | Tissue Culture & Gram Stain |
| **Meditech Order Entry** | 08-Dec-2030 | 08-Dec-2030 | 08-Dec-2030 | Microbiology | Wound Deep Culture & Gram |

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| **Meditech Order Entry** | 08-Dec-2030 | 08-Dec-2030 | 08-Dec-2030 | Laboratory | Complete Blood Count (CBC) |
| **Meditech Order Entry** | 08-Dec-2030 | 08-Dec-2030 | 08-Dec-2030 | Laboratory | INR (PT) |
| **Meditech Order Entry** | 08-Dec-2030 | 08-Dec-2030 | 08-Dec-2030 | Laboratory | Partial Thromboplastin Time |
| **Meditech Order Entry** | 08-Dec-2030 | 08-Dec-2030 | 08-Dec-2030 | Laboratory | Quantitative Fibrinogen |
| **Meditech Order Entry** | 08-Dec-2030 | 08-Dec-2030 | 08-Dec-2030 | Laboratory | Rapid Arterial Metabolic Panel |
| **Meditech Order Entry** | 08-Dec-2030 | 08-Dec-2030 | 08-Dec-2030 | Laboratory | Complete Blood Count (CBC) |
| **Meditech Order Entry** | 08-Dec-2030 | 08-Dec-2030 | 08-Dec-2030 | Laboratory | INR (PT) |
| **Meditech Order Entry** | 08-Dec-2030 | 08-Dec-2030 | 08-Dec-2030 | Laboratory | Partial Thromboplastin Time |
| **Meditech Order Entry** | 08-Dec-2030 | 08-Dec-2030 | 08-Dec-2030 | Laboratory | Rapid Arterial Metabolic Panel |
| **Meditech Order Entry** | 08-Dec-2030 | 08-Dec-2030 | 08-Dec-2030 | Laboratory | Quantitative Fibrinogen |
| **Meditech Order Entry** | 08-Dec-2030 | 08-Dec-2030 | 08-Dec-2030 | Transfusion Medical Laboratory | Albumin 25% |
| **Meditech Order Entry** | 08-Dec-2030 | 08-Dec-2030 | 08-Dec-2030 | Dietitian Referrals | Nutrition Assessment |
| **Meditech Order Entry** | 08-Dec-2030 | 08-Dec-2030 | 08-Dec-2030 | Physiotherapy | PT Inpatient Referral |
| **Meditech Order Entry** | 08-Dec-2030 | 08-Dec-2030 | 08-Dec-2030 | Social Work | Social Work Referral |
| **Meditech Order Entry** | 08-Dec-2030 | 08-Dec-2030 | 08-Dec-2030 | Microbiology | Sputum Culture & Gram Stain |
| **Meditech Order Entry** | 08-Dec-2030 | 08-Dec-2030 | 08-Dec-2030 | Cardiology | ECG - Adult (12 Lead) |
| **Meditech Order Entry** | 08-Dec-2030 | 08-Dec-2030 | 08-Dec-2030 | Laboratory | Chem 7 - Glu R,Urea,Crea,Lytes |
| **Meditech Order Entry** | 08-Dec-2030 | 08-Dec-2030 | 08-Dec-2030 | Laboratory | Complete Blood Count (CBC) |
| **Meditech Order Entry** | 08-Dec-2030 | 08-Dec-2030 | 08-Dec-2030 | Laboratory | Creatine Kinase (CPK) |
| **Meditech Order Entry** | 08-Dec-2030 | 08-Dec-2030 | 08-Dec-2030 | Laboratory | INR (PT) |

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| **Meditech Order Entry** | 08-Dec-2030 | 08-Dec-2030 | 08-Dec-2030 | Laboratory | Ionized Calcium Profile |
| **Meditech Order Entry** | 08-Dec-2030 | 08-Dec-2030 | 08-Dec-2030 | Laboratory | Lactate Dehydrogenase (LDH) |
| **Meditech Order Entry** | 08-Dec-2030 | 08-Dec-2030 | 08-Dec-2030 | Laboratory | Lactate: Lactic Acid |
| **Meditech Order Entry** | 08-Dec-2030 | 08-Dec-2030 | 08-Dec-2030 | Laboratory | Liver Function Tests (LFT) |
| **Meditech Order Entry** | 08-Dec-2030 | 08-Dec-2030 | 08-Dec-2030 | Laboratory | Magnesium |
| **Meditech Order Entry** | 08-Dec-2030 | 08-Dec-2030 | 08-Dec-2030 | Laboratory | Partial Thromboplastin Time |
| **Meditech Order Entry** | 08-Dec-2030 | 08-Dec-2030 | 08-Dec-2030 | Laboratory | Phosphorus (Phosphate) |
| **Meditech Order Entry** | 08-Dec-2030 | 08-Dec-2030 | 08-Dec-2030 | Laboratory | Triglycerides |
| **Meditech Order Entry** | 08-Dec-2030 | 08-Dec-2030 | 08-Dec-2030 | Laboratory | Troponin I |
| **Meditech Order Entry** | 08-Dec-2030 | 08-Dec-2030 | 08-Dec-2030 | Microbiology | Blood Culture (Pt's 6 and up) |
| **Meditech Order Entry** | 08-Dec-2030 | 08-Dec-2030 | 08-Dec-2030 | Microbiology | Urine Culture |
| **Meditech Order Entry** | 08-Dec-2030 | 08-Dec-2030 | 08-Dec-2030 | Laboratory | Blood Gas, Arterial (ABG) |
| **Meditech Order Entry** | 08-Dec-2030 | 08-Dec-2030 | 08-Dec-2030 | Microbiology | MRSA Screen |
| **Meditech Order Entry** | 08-Dec-2030 | 08-Dec-2030 | 08-Dec-2030 | Microbiology | Multiresistant organism screen |
| **Meditech Order Entry** | 08-Dec-2030 | 08-Dec-2030 | 08-Dec-2030 | Radiography | Chest Portable |
| **Meditech Appointments** | 08-Dec-2030 | Lysis Abd Adhesions Laparoscop | Doctor #5 | Location #6 | 235 min |
| **Meditech Surgeries** | 08-Dec-2030 13:10 | Room #2 | Surgeon #2 | Surgery | Anaesthetist #2 |
| **ADM Location History** | 08-Dec-2030 16:35 | 08-Dec-2030 20:44 | Hospital Room #2 | Hospital Room #3 | 0.2 days |
| **ADM Location History** | 08-Dec-2030 20:44 | 10-Dec-2030 20:54 | Hospital Room #3 | Hospital Room #4 | 2.0 days |
| **Meditech Order Entry** | 09-Dec-2030 | 08-Dec-2030 | 09-Dec-2030 | Laboratory | Chem 7 - Glu R,Urea,Crea,Lytes |

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| **Meditech Order Entry** | 09-Dec-2030 | 08-Dec-2030 | 09-Dec-2030 | Laboratory | Complete Blood Count (CBC) |
| **Meditech Order Entry** | 09-Dec-2030 | 08-Dec-2030 | 09-Dec-2030 | Laboratory | Magnesium |
| **Meditech Order Entry** | 09-Dec-2030 | 08-Dec-2030 | 09-Dec-2030 | Laboratory | Phosphorus (Phosphate) |
| **Meditech Order Entry** | 09-Dec-2030 | 08-Dec-2030 | 09-Dec-2030 | Laboratory | INR (PT) |
| **Meditech Order Entry** | 09-Dec-2030 | 08-Dec-2030 | 09-Dec-2030 | Laboratory | Liver Function Tests (LFT) |
| **Meditech Order Entry** | 09-Dec-2030 | 08-Dec-2030 | 09-Dec-2030 | Laboratory | Complete Blood Count (CBC) |
| **Meditech Order Entry** | 09-Dec-2030 | 09-Dec-2030 | 09-Dec-2030 | Laboratory | Blood Gas, Arterial (ABG) |
| **Meditech Order Entry** | 09-Dec-2030 | 09-Dec-2030 | 09-Dec-2030 | Laboratory | Blood Gas, Arterial (ABG) |
| **Meditech Order Entry** | 09-Dec-2030 | 09-Dec-2030 | 09-Dec-2030 | Laboratory | Lactate: Lactic Acid |
| **Meditech Order Entry** | 09-Dec-2030 | 09-Dec-2030 | 09-Dec-2030 | Transfusion Medical Laboratory | Albumin 5% |
| **Meditech Order Entry** | 09-Dec-2030 | 09-Dec-2030 | 09-Dec-2030 | Radiography | Chest Portable |
| **Meditech Order Entry** | 09-Dec-2030 | 09-Dec-2030 | 09-Dec-2030 | Laboratory | Magnesium |
| **Meditech Order Entry** | 09-Dec-2030 | 09-Dec-2030 | 09-Dec-2030 | Laboratory | Magnesium |
| **Meditech Order Entry** | 09-Dec-2030 | 09-Dec-2030 | 09-Dec-2030 | Laboratory | Phosphorus (Phosphate) |
| **Meditech Order Entry** | 09-Dec-2030 | 09-Dec-2030 | 09-Dec-2030 | Laboratory | Potassium |
| **Meditech Order Entry** | 10-Dec-2030 | 09-Dec-2030 | 10-Dec-2030 | Radiography | Chest Portable |
| **Meditech Order Entry** | 10-Dec-2030 | 09-Dec-2030 | 10-Dec-2030 | Laboratory | Chem 7 - Glu R,Urea,Crea,Lytes |
| **Meditech Order Entry** | 10-Dec-2030 | 09-Dec-2030 | 10-Dec-2030 | Laboratory | Complete Blood Count (CBC) |
| **Meditech Order Entry** | 10-Dec-2030 | 09-Dec-2030 | 10-Dec-2030 | Laboratory | INR (PT) |
| **Meditech Order Entry** | 10-Dec-2030 | 09-Dec-2030 | 10-Dec-2030 | Laboratory | Liver Function Tests (LFT) |

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| **Meditech Order Entry** | 10-Dec-2030 | 09-Dec-2030 | 10-Dec-2030 | Laboratory | Magnesium |
| **Meditech Order Entry** | 10-Dec-2030 | 09-Dec-2030 | 10-Dec-2030 | Laboratory | Phosphorus (Phosphate) |
| **Meditech Order Entry** | 10-Dec-2030 | 10-Dec-2030 | 10-Dec-2030 | Transfusion Medical Laboratory | Albumin 5% |
| **Meditech Order Entry** | 10-Dec-2030 | 10-Dec-2030 | 10-Dec-2030 | Laboratory | Partial Thromboplastin Time |
| **Meditech Order Entry** | 10-Dec-2030 | 10-Dec-2030 | 10-Dec-2030 | Laboratory | Phosphorus (Phosphate) |
| **ADM Location History** | 10-Dec-2030 20:54 | 29-Dec-2030 17:25 | Hospital Room #4 | Hospital Room #5 | 18.9 days |
| **Meditech Order Entry** | 11-Dec-2030 | 10-Dec-2030 | 11-Dec-2030 | Laboratory | Chem 7 - Glu R,Urea,Crea,Lytes |
| **Meditech Order Entry** | 11-Dec-2030 | 10-Dec-2030 | 11-Dec-2030 | Laboratory | Complete Blood Count (CBC) |
| **Meditech Order Entry** | 11-Dec-2030 | 10-Dec-2030 | 11-Dec-2030 | Laboratory | INR (PT) |
| **Meditech Order Entry** | 11-Dec-2030 | 10-Dec-2030 | 11-Dec-2030 | Laboratory | Liver Function Tests (LFT) |
| **Meditech Order Entry** | 11-Dec-2030 | 10-Dec-2030 | 11-Dec-2030 | Laboratory | Magnesium |
| **Meditech Order Entry** | 11-Dec-2030 | 10-Dec-2030 | 11-Dec-2030 | Laboratory | Phosphorus (Phosphate) |
| **Meditech Order Entry** | 11-Dec-2030 | 11-Dec-2030 | 11-Dec-2030 | Laboratory | Partial Thromboplastin Time |
| **Meditech Order Entry** | 11-Dec-2030 | 11-Dec-2030 | 11-Dec-2030 | Laboratory | Partial Thromboplastin Time |
| **Meditech Order Entry** | 11-Dec-2030 | 11-Dec-2030 | 11-Dec-2030 | Laboratory | Partial Thromboplastin Time |
| **Meditech Order Entry** | 12-Dec-2030 | 11-Dec-2030 | 12-Dec-2030 | Laboratory | Ammonia |
| **Meditech Order Entry** | 12-Dec-2030 | 11-Dec-2030 | 12-Dec-2030 | Laboratory | C-Reactive Protein (CRP) |
| **Meditech Order Entry** | 12-Dec-2030 | 11-Dec-2030 | 12-Dec-2030 | Laboratory | Chem 6 - Urea,Crea,Lytes |
| **Meditech Order Entry** | 12-Dec-2030 | 11-Dec-2030 | 12-Dec-2030 | Laboratory | Magnesium |

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| **Meditech Order Entry** | 12-Dec-2030 | 11-Dec-2030 | 12-Dec-2030 | Laboratory | Phosphorus (Phosphate) |
| **Meditech Order Entry** | 12-Dec-2030 | 12-Dec-2030 | 12-Dec-2030 | Laboratory | Lactate: Lactic Acid |
| **Meditech Order Entry** | 12-Dec-2030 | 12-Dec-2030 | 12-Dec-2030 | Laboratory | Partial Thromboplastin Time |
| **Meditech Order Entry** | 12-Dec-2030 | 12-Dec-2030 | 12-Dec-2030 | Laboratory | TPN Orders - Monday |
| **Meditech Order Entry** | 12-Dec-2030 | 12-Dec-2030 | 12-Dec-2030 | Infectious Disease (SMH) | Infectious Disease Consult |
| **Meditech Order Entry** | 12-Dec-2030 | 12-Dec-2030 | 12-Dec-2030 | Dietary | Nothing By Mouth |
| **Meditech Order Entry** | 13-Dec-2030 | 12-Dec-2030 | 13-Dec-2030 | Laboratory | Chem 7 - Glu R,Urea,Crea,Lytes |
| **Meditech Order Entry** | 13-Dec-2030 | 12-Dec-2030 | 13-Dec-2030 | Laboratory | Magnesium |
| **Meditech Order Entry** | 13-Dec-2030 | 12-Dec-2030 | 13-Dec-2030 | Laboratory | Phosphorus (Phosphate) |
| **Meditech Order Entry** | 13-Dec-2030 | 13-Dec-2030 | 13-Dec-2030 | Dietary | General |
| **Meditech Order Entry** | 14-Dec-2030 | 13-Dec-2030 | 14-Dec-2030 | Dietary | General |
| **Meditech Order Entry** | 14-Dec-2030 | 14-Dec-2030 | 14-Dec-2030 | RAD - Special Procedures | Perc Fluid Drainage Abdomen US |
| **Meditech Order Entry** | 14-Dec-2030 | 14-Dec-2030 | 14-Dec-2030 | Dietary | Fibre Restricted |
| **Meditech Order Entry** | 14-Dec-2030 | 14-Dec-2030 | 14-Dec-2030 | Laboratory | INR (PT) |
| **Meditech Appointments** | 14-Dec-2030 | RS PERC FLUID DRAINAGE ABD US | Doctor #6 | Location #3 | 45 min |
| **Meditech Order Entry** | 15-Dec-2030 | 14-Dec-2030 | 15-Dec-2030 | Laboratory | Chem 7 - Glu R,Urea,Crea,Lytes |
| **Meditech Order Entry** | 15-Dec-2030 | 14-Dec-2030 | 15-Dec-2030 | Laboratory | Complete Blood Count (CBC) |
| **Meditech Order Entry** | 17-Dec-2030 | 16-Dec-2030 | 17-Dec-2030 | Laboratory | Chem 7 - Glu R,Urea,Crea,Lytes |
| **Meditech Order Entry** | 17-Dec-2030 | 16-Dec-2030 | 17-Dec-2030 | Laboratory | Complete Blood Count (CBC) |
| **Meditech Order Entry** | 18-Dec-2030 | 17-Dec-2030 | 18-Dec-2030 | Laboratory | Chem 7 - Glu R,Urea,Crea,Lytes |

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| **Meditech Order Entry** | 18-Dec-2030 | 18-Dec-2030 | 18-Dec-2030 | Social Work | Social Work Referral |
| **Meditech Order Entry** | 19-Dec-2030 | 19-Dec-2030 | 19-Dec-2030 | Physiotherapy | PT Inpatient Referral |
| **Meditech Order Entry** | 19-Dec-2030 | 19-Dec-2030 | 19-Dec-2030 | Wound Care Program | Wound Care Referral |
| **Meditech Order Entry** | 20-Dec-2030 | 19-Dec-2030 | 20-Dec-2030 | Computed Tomography | Abdomen Pelvis Contrast |
| **Meditech Appointments** | 20-Dec-2030 | CT ABD PELVIS CONTRAST | Doctor #7 | Location #3 | 15 min |
| **Meditech Order Entry** | 21-Dec-2030 | 20-Dec-2030 | 21-Dec-2030 | Laboratory | Chem 7 - Glu R,Urea,Crea,Lytes |
| **Meditech Order Entry** | 21-Dec-2030 | 20-Dec-2030 | 21-Dec-2030 | Laboratory | Complete Blood Count (CBC) |
| **Meditech Order Entry** | 21-Dec-2030 | 21-Dec-2030 | 21-Dec-2030 | Dietary | Sodium Restricted 2 gm |
| **Meditech Order Entry** | 22-Dec-2030 | 22-Dec-2030 | 22-Dec-2030 | Wound Care Program | Wound Care Referral |
| **Meditech Order Entry** | 25-Dec-2030 | 24-Dec-2030 | 25-Dec-2030 | Laboratory | Chem 7 - Glu R,Urea,Crea,Lytes |
| **Meditech Order Entry** | 25-Dec-2030 | 24-Dec-2030 | 25-Dec-2030 | Laboratory | Complete Blood Count (CBC) |
| **Meditech Order Entry** | 27-Dec-2030 | 27-Dec-2030 | 27-Dec-2030 | Dietary | General |
| **Meditech Order Entry** | 28-Dec-2030 | 27-Dec-2030 | 28-Dec-2030 | Laboratory | Chem 7 - Glu R,Urea,Crea,Lytes |
| **Meditech Order Entry** | 28-Dec-2030 | 27-Dec-2030 | 28-Dec-2030 | Laboratory | Complete Blood Count (CBC) |
| **Meditech Order Entry** | 28-Dec-2030 | 28-Dec-2030 | 28-Dec-2030 | Dietary | Sodium Restricted 2 gm |
| **ADM Location History** | 29-Dec-2030 17:25 | Hospital Room #5 | 49.8 days | | |
| **Meditech Order Entry** | 30-Dec-2030 | 29-Dec-2030 | 30-Dec-2030 | Laboratory | Creatine Kinase (CPK) |
| **Meditech Order Entry** | 31-Dec-2030 | 31-Dec-2030 | 31-Dec-2030 | Laboratory | D-Dimer |
| **Meditech Order Entry** | 2-Jan-2031 | 31-Dec-2030 | 2-Jan-2031 | Ultrasonography | Dopp Low Extr Ven Bilat/scan |
| **Meditech Order Entry** | 2-Jan-2031 | 1-Jan-2031 | 2-Jan-2031 | Laboratory | Chem 6 - Urea,Crea,Lytes |
| **Meditech Order Entry** | 2-Jan-2031 | 1-Jan-2031 | 2-Jan-2031 | Laboratory | Complete Blood Count (CBC) |

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| **Meditech Order Entry** | 02-Jan-2031 | 1-Jan-2031 | 02-Jan-2031 | Laboratory | Magnesium |
| **Meditech Order Entry** | 2-Jan-2031 | 1-Jan-2031 | 2-Jan-2031 | Laboratory | Phosphorus (Phosphate) |
| **Meditech Order Entry** | 2-Jan-2031 | 1-Jan-2031 | 2-Jan-2031 | Laboratory | C-Reactive Protein (CRP) |
| **Meditech Appointments** | 02-Jan-2031 | US DOP LOW EXTR VENOUS BIL | Doctor #8 | Location #3 | 45 min |
| **Meditech Order Entry** | 3-Jan-2031 | 3-Jan-2031 | 3-Jan-2031 | Ultrasonography | Abdomen |
| **Meditech Appointments** | 03-Jan-2031 | US ABDOMEN | Doctor #8 | Location #3 | 45 min |
| **Meditech Order Entry** | 4-Jan-2031 | 4-Jan-2031 | 4-Jan-2031 | Radiography | Kidneys Ureters Bladder (KUB) |
| **Meditech Order Entry** | 5-Jan-2031 | 3-Jan-2031 | 5-Jan-2031 | Laboratory | Chem 6 - Urea,Crea,Lytes |
| **Meditech Order Entry** | 5-Jan-2031 | 3-Jan-2031 | 5-Jan-2031 | Computed Tomography | Abdomen Pelvis Contrast |
| **Meditech Order Entry** | 5-Jan-2031 | 5-Jan-2031 | 5-Jan-2031 | Microbiology | Urine Culture |
| **Meditech Order Entry** | 5-Jan-2031 | 5-Jan-2031 | 5-Jan-2031 | Therapeutic Recreation | Therapeutic Rec Referral |
| **Meditech Appointments** | 05-Jan-2031 | CT ABD PELVIS CONTRAST | Doctor #9 | Location #3 | 15 min |
| **Meditech Order Entry** | 6-Jan-2031 | 29-Dec-2030 | 6-Jan-2031 | Laboratory | Creatine Kinase (CPK) |
| **Meditech Order Entry** | 6-Jan-2031 | 6-Jan-2031 | 6-Jan-2031 | Dietary | Sodium Restricted 2 gm |
| **Meditech Appointments** | 6-Jan-2031 | AC SCOPE,CYSTOSCOPY-FLEX | Doctor #10 | Location #7 | 15 min |
| **Meditech Order Entry** | 08-Jan-2031 | 7-Jan-2031 | 08-Jan-2031 | Laboratory | Calcium |
| **Meditech Order Entry** | 08-Jan-2031 | 07-Jan-2031 | 08-Jan-2031 | Laboratory | Chem 6 - Urea,Crea,Lytes |
| **Meditech Order Entry** | 8-Jan-2031 | 7-Jan-2031 | 8-Jan-2031 | Laboratory | Magnesium |
| **Meditech Order Entry** | 08-Jan-2031 | 7-Jan-2031 | 08-Jan-2031 | Laboratory | Phosphorus (Phosphate) |
| **Meditech Order Entry** | 11-Jan-2031 | 11-Jan-2031 | 11-Jan-2031 | Laboratory | Urine Drugs of Abuse Screen |

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| **Meditech Order Entry** | 12-Jan-2031 | 12-Jan-2031 | 12-Jan-2031 | Infectious Disease (SMH) | Infectious Disease Consult |
| **Meditech Order Entry** | 13-Jan-2031 | 13-Jan-2031 | 13-Jan-2031 | Laboratory | Urine Drugs of Abuse Screen |
| **Meditech Order Entry** | 17-Jan-2031 | 16-Jan-2031 | 17-Jan-2031 | Laboratory | Creatine Kinase (CPK) |
| **Meditech Order Entry** | 17-Jan-2031 | 16-Jan-2031 | 17-Jan-2031 | Laboratory | Chem 6 - Urea,Crea,Lytes |
| **Meditech Order Entry** | 17-Jan-2031 | 16-Jan-2031 | 17-Jan-2031 | Laboratory | Complete Blood Count (CBC) |
| **Meditech Order Entry** | 17-Jan-2031 | 16-Jan-2031 | 17-Jan-2031 | Laboratory | Liver Function Tests (LFT) |
| **Meditech Order Entry** | 19-Jan-2031 | 17-Jan-2031 | 19-Jan-2031 | Computed Tomography | Abdomen Pelvis Contrast |
| **Meditech Appointments** | 19-Jan-2031 | CT ABD PELVIS CONTRAST | Doctor #11 | Location #3 | 15 min |
| **Meditech Order Entry** | 24-Jan-2031 | 19-Jan-2031 | 24-Jan-2031 | Laboratory | Creatine Kinase (CPK) |
| **Meditech Order Entry** | 24-Jan-2031 | 23-Jan-2031 | 24-Jan-2031 | Laboratory | C-Reactive Protein (CRP) |
| **Meditech Order Entry** | 24-Jan-2031 | 23-Jan-2031 | 24-Jan-2031 | Laboratory | Chem 6 - Urea,Crea,Lytes |
| **Meditech Order Entry** | 24-Jan-2031 | 23-Jan-2031 | 24-Jan-2031 | Laboratory | Complete Blood Count (CBC) |
| **Meditech Order Entry** | 25-Jan-2031 | 24-Jan-2031 | 25-Jan-2031 | Laboratory | Chem 6 - Urea,Crea,Lytes |
| **Meditech Order Entry** | 25-Jan-2031 | 24-Jan-2031 | 25-Jan-2031 | Laboratory | Complete Blood Count (CBC) |
| **Meditech Order Entry** | 27-Jan-2031 | 26-Jan-2031 | 27-Jan-2031 | Laboratory | Alanine Aminotransferase |
| **Meditech Order Entry** | 27-Jan-2031 | 26-Jan-2031 | 27-Jan-2031 | Laboratory | Alkaline Phosphatase |
| **Meditech Order Entry** | 27-Jan-2031 | 26-Jan-2031 | 27-Jan-2031 | Laboratory | AST (SGOT) |
| **Meditech Order Entry** | 27-Jan-2031 | 26-Jan-2031 | 27-Jan-2031 | Laboratory | Bilirubin, Total |
| **Meditech Order Entry** | 27-Jan-2031 | 26-Jan-2031 | 27-Jan-2031 | Laboratory | Complete Blood Count (CBC) |
| **Meditech Order Entry** | 27-Jan-2031 | 26-Jan-2031 | 27-Jan-2031 | Laboratory | Gamma Glutamyl Transferase |
| **Meditech Order Entry** | 27-Jan-2031 | 26-Jan-2031 | 27-Jan-2031 | Laboratory | Chem 6 - Urea,Crea,Lytes |

| Meditech Order Entry | 27-Jan-2031 | 27-Jan-2031 | 27-Jan-2031 | Social Work | Social Work Referral |
|---|---|---|---|---|---|
| Meditech Order Entry | 27-Jan-2031 | 27-Jan-2031 | 27-Jan-2031 | Laboratory | Calcium |
| Meditech Order Entry | 27-Jan-2031 | 27-Jan-2031 | 27-Jan-2031 | Laboratory | Lactate Dehydrogenase (LDH) |
| Meditech Order Entry | 27-Jan-2031 | 27-Jan-2031 | 27-Jan-2031 | Laboratory | Partial Thromboplastin Time |
| Meditech Order Entry | 27-Jan-2031 | 27-Jan-2031 | 27-Jan-2031 | Laboratory | Peripheral Blood Film Smear |
| Meditech Order Entry | 27-Jan-2031 | 27-Jan-2031 | 27-Jan-2031 | Laboratory | Retic Count |
| Meditech Order Entry | 27-Jan-2031 | 27-Jan-2031 | 27-Jan-2031 | Laboratory | Protein Electrophoresis |
| Meditech Order Entry | 28-Jan-2031 | 27-Jan-2031 | 28-Jan-2031 | Laboratory | Complete Blood Count (CBC) |
| Meditech Order Entry | 28-Jan-2031 | 28-Jan-2031 | 28-Jan-2031 | Laboratory | Urine Protein Electrph Random |
| Meditech Order Entry | 30-Jan-2031 | 30-Jan-2031 | 30-Jan-2031 | Laboratory | Complete Blood Count (CBC) |
| Meditech Order Entry | 7-Feb-2031 | 6-Feb-2031 | 7-Feb-2031 | Laboratory | Chem 6 - Urea,Crea,Lytes |
| Meditech Order Entry | 7-Feb-2031 | 6-Feb-2031 | 7-Feb-2031 | Laboratory | Complete Blood Count (CBC) |
| Meditech Order Entry | 11-Feb-2031 | 11-Feb-2031 | 11-Feb-2031 | Microbiology | Wound Superficial Cult & Gram |
| Meditech Order Entry | 12-Feb-2031 | 12-Feb-2031 | 12-Feb-2031 | Laboratory | Chem 6 - Urea,Crea,Lytes |
| Meditech Order Entry | 12-Feb-2031 | 12-Feb-2031 | 12-Feb-2031 | Laboratory | Complete Blood Count (CBC) |
| Meditech Order Entry | 17-Feb-2031 | 17-Feb-2031 | 17-Feb-2031 | Social Work | Social Work Referral |
| | 17-Feb-2031 13:14 | Discharged | | | |
| Meditech Appointments | 10-Mar-2031 | CT ANGIO THORAX CONTRAST(PULM) | Doctor #1 | Location #1 | 15 min |
| Meditech Appointments | 14-Mar-2031 | NM BONE-WB INJ | Doctor #1 | Location #2 | 10 min |
| Meditech Appointments | 14-Mar-2031 | NM BONE-WB | Doctor #1 | Location #2 | 45 min |

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| **Meditech Appointments** | 14-Mar-2031 | RA SKELETAL SURVEY ROUTINE | Doctor #2 | Location #3 | 60 min |
| **Meditech Appointments** | 15-Mar-2031 | LB BONE MARROW | Doctor #3 | Location #4 | 60 min |
| **Meditech Appointments** | 28-Mar-2031 | CT EXTREMITY UPPER LT | Doctor #4 | Location #5 | 15 min |

Chest Pain

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|---|---|---|---|---|---|
| **Meditech Order Entry** | 09-Mar-2031 | 09-Mar-2031 | 09-Mar-2031 | Cardiology | ECG - Adult (12 Lead) |
| **Meditech Order Entry** | 09-Mar-2031 | 09-Mar-2031 | 09-Mar-2031 | Laboratory | Chem 7 - Glu R,Urea,Crea,Lytes |
| **Meditech Order Entry** | 09-Mar-2031 | 09-Mar-2031 | 09-Mar-2031 | Laboratory | Complete Blood Count (CBC) |
| **Meditech Order Entry** | 09-Mar-2031 | 09-Mar-2031 | 09-Mar-2031 | Laboratory | INR (PT) |
| **Meditech Order Entry** | 09-Mar-2031 | 09-Mar-2031 | 09-Mar-2031 | Laboratory | Troponin I |
| **Meditech Order Entry** | 09-Mar-2031 | 09-Mar-2031 | 09-Mar-2031 | Laboratory | C-Reactive Protein (CRP) |
| **Meditech Order Entry** | 09-Mar-2031 | 09-Mar-2031 | 09-Mar-2031 | Laboratory | D-Dimer |
| **Meditech Order Entry** | 09-Mar-2031 | 09-Mar-2031 | 09-Mar-2031 | Laboratory | Liver Function Tests (LFT) |
| **Meditech Order Entry** | 09-Mar-2031 | 09-Mar-2031 | 09-Mar-2031 | Laboratory | Troponin I |
| **Meditech Order Entry** | 09-Mar-2031 | 09-Mar-2031 | 09-Mar-2031 | Radiography | Chest (CXR) |
| **Meditech Order Entry** | 09-Mar-2031 | 09-Mar-2031 | 09-Mar-2031 | Laboratory | B type Natriuretic Protein |
| **Meditech Order Entry** | 09-Mar-2031 | 09-Mar-2031 | 09-Mar-2031 | Dietary | General |
| **EDM Location History** | 09-Mar-2031 10:01 | 10-Mar-2031 8:09 | Emergency Room #1 | Emergency Room #2 | 22.1 days |
| **ADM Location History** | 09-Mar-2031 15:27 | 10-Mar-2031 8:09 | Hospital Room #1 | Hospital Room #2 | 0.7 days |
| **Meditech Order Entry** | 10-Mar-2031 | 9-Mar-2031 | 10-Mar-2031 | Laboratory | Chem 6 - Urea,Crea,Lytes |
| **Meditech Order Entry** | 10-Mar-2031 | 9-Mar-2031 | 10-Mar-2031 | Computed Tomography | Angio Thorax Contrast (Pulm) |

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| **Meditech Order Entry** | 10-Mar-2031 | 10-Mar-2031 | 10-Mar-2031 | Laboratory | Albumin |
| **Meditech Order Entry** | 10-Mar-2031 | 10-Mar-2031 | 10-Mar-2031 | Laboratory | Calcium |
| **Meditech Order Entry** | 10-Mar-2031 | 10-Mar-2031 | 10-Mar-2031 | Laboratory | Peripheral Blood Film Smear |
| **Meditech Order Entry** | 10-Mar-2031 | 10-Mar-2031 | 10-Mar-2031 | Laboratory | Protein (Total) |
| **Meditech Order Entry** | 10-Mar-2031 | 10-Mar-2031 | 10-Mar-2031 | Laboratory | Retic Count |
| **Meditech Order Entry** | 10-Mar-2031 | 10-Mar-2031 | 10-Mar-2031 | Laboratory | Urine Protein Electrph Random |
| **Meditech Order Entry** | 10-Mar-2031 | 10-Mar-2031 | 10-Mar-2031 | Laboratory | Urine Routine (Urinalysis) |
| **Meditech Order Entry** | 10-Mar-2031 | 10-Mar-2031 | 10-Mar-2031 | Microbiology | MRSA Screen |
| **Meditech Appointments** | 10-Mar-2031 | CT ANGIO THORAX CONTRAST(PULM) | Doctor #1 | Location #1 | 15 min |
| **ADM Location History** | 10-Mar-2031 8:09 | 28-Mar-2031 16:55 | Hospital Room #2 | Hospital Room #3 | 18.4 days |
| **Meditech Order Entry** | 11-Mar-2031 | 9-Mar-2031 | 11-Mar-2031 | Laboratory | Chem 6 - Urea,Crea,Lytes |
| **Meditech Order Entry** | 11-Mar-2031 | 9-Mar-2031 | 11-Mar-2031 | Laboratory | Complete Blood Count (CBC) |
| **Meditech Order Entry** | 11-Mar-2031 | 10-Mar-2031 | 11-Mar-2031 | Laboratory | Protein Electrophoresis |
| **Meditech Order Entry** | 12-Mar-2031 | 9-Mar-2031 | 12-Mar-2031 | Laboratory | Chem 6 - Urea,Crea,Lytes |
| **Meditech Order Entry** | 12-Mar-2031 | 9-Mar-2031 | 12-Mar-2031 | Laboratory | Complete Blood Count (CBC) |
| **Meditech Order Entry** | 14-Mar-2031 | 10-Mar-2031 | 14-Mar-2031 | Nuclear Medicine | BONE |
| **Meditech Order Entry** | 14-Mar-2031 | 14-Mar-2031 | 14-Mar-2031 | Radiography | Skeletal Survey Routine |
| **Meditech Order Entry** | 14-Mar-2031 | 14-Mar-2031 | 14-Mar-2031 | Laboratory | Bone Marrow Booking |
| **Meditech Order Entry** | 14-Mar-2031 | 14-Mar-2031 | 14-Mar-2031 | Laboratory | Beta 2 Microglobulin |
| **Meditech Order Entry** | 14-Mar-2031 | 14-Mar-2031 | 14-Mar-2031 | Laboratory | Chem 4 - Lytes (Na,K,Cl,Bicar) |
| **Meditech Order Entry** | 14-Mar-2031 | 14-Mar-2031 | 14-Mar-2031 | Laboratory | Complete Blood Count (CBC) |

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| **Meditech Order Entry** | 14-Mar-2031 | 14-Mar-2031 | 14-Mar-2031 | Laboratory | Creatinine (EGFR) |
| **Meditech Order Entry** | 14-Mar-2031 | 14-Mar-2031 | 14-Mar-2031 | Laboratory | Ferritin |
| **Meditech Order Entry** | 14-Mar-2031 | 14-Mar-2031 | 14-Mar-2031 | Laboratory | Freelight Chains, Serum |
| **Meditech Order Entry** | 14-Mar-2031 | 14-Mar-2031 | 14-Mar-2031 | Laboratory | Hep B Surface Antigen -Active |
| **Meditech Order Entry** | 14-Mar-2031 | 14-Mar-2031 | 14-Mar-2031 | Laboratory | Hep C Antibody |
| **Meditech Order Entry** | 14-Mar-2031 | 14-Mar-2031 | 14-Mar-2031 | Laboratory | HIV Serology |
| **Meditech Order Entry** | 14-Mar-2031 | 14-Mar-2031 | 14-Mar-2031 | Laboratory | Ionized Calcium Profile |
| **Meditech Order Entry** | 14-Mar-2031 | 14-Mar-2031 | 14-Mar-2031 | Laboratory | Lactate Dehydrogenase (LDH) |
| **Meditech Order Entry** | 14-Mar-2031 | 14-Mar-2031 | 14-Mar-2031 | Laboratory | Parathyroid Hormone, Intact |
| **Meditech Order Entry** | 14-Mar-2031 | 14-Mar-2031 | 14-Mar-2031 | Laboratory | Retic Count |
| **Meditech Order Entry** | 14-Mar-2031 | 14-Mar-2031 | 14-Mar-2031 | Laboratory | Vitamin B12 |
| **Meditech Appointments** | 14-Mar-2031 | NM BONE-WB INJ | Doctor #1 | Location #2 | 10 min |
| **Meditech Appointments** | 14-Mar-2031 | NM BONE-WB | Doctor #1 | Location #2 | 45 min |
| **Meditech Appointments** | 14-Mar-2031 | RA SKELETAL SURVEY ROUTINE | Doctor #2 | Location #3 | 60 min |
| **Meditech Order Entry** | 15-Mar-2031 | 14-Mar-2031 | 15-Mar-2031 | Laboratory | Calcium |
| **Meditech Order Entry** | 15-Mar-2031 | 14-Mar-2031 | 15-Mar-2031 | Laboratory | Chem 6 - Urea,Crea,Lytes |
| **Meditech Order Entry** | 15-Mar-2031 | 14-Mar-2031 | 15-Mar-2031 | Laboratory | Complete Blood Count (CBC) |
| **Meditech Order Entry** | 15-Mar-2031 | 14-Mar-2031 | 15-Mar-2031 | Laboratory | Retic Count |
| **Meditech Order Entry** | 15-Mar-2031 | 15-Mar-2031 | 15-Mar-2031 | Physiotherapy | Physiotherapy Referral |
| **Meditech Appointments** | 15-Mar-2031 | LB BONE MARROW | Doctor #3 | Location #4 | 60 min |

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| **Meditech Order Entry** | 17-Mar-2031 | 16-Mar-2031 | 17-Mar-2031 | Laboratory | Chem 7 - Glu R,Urea,Crea,Lytes |
| **Meditech Order Entry** | 17-Mar-2031 | 16-Mar-2031 | 17-Mar-2031 | Laboratory | Complete Blood Count (CBC) |
| **Meditech Order Entry** | 17-Mar-2031 | 16-Mar-2031 | 17-Mar-2031 | Laboratory | Ionized Calcium Profile |
| **Meditech Order Entry** | 21-Mar-2031 | 20-Mar-2031 | 21-Mar-2031 | Laboratory | Chem 6 - Urea,Crea,Lytes |
| **Meditech Order Entry** | 21-Mar-2031 | 20-Mar-2031 | 21-Mar-2031 | Laboratory | Complete Blood Count (CBC) |
| **Meditech Order Entry** | 23-Mar-2031 | 23-Mar-2031 | 23-Mar-2031 | Physiotherapy | Physiotherapy Referral |
| **Meditech Order Entry** | 24-Mar-2031 | 24-Mar-2031 | 24-Mar-2031 | Laboratory | Blood Gas, Arterial (ABG) |
| **Meditech Order Entry** | 25-Mar-2031 | 24-Mar-2031 | 25-Mar-2031 | Laboratory | Chem 6 - Urea,Crea,Lytes |
| **Meditech Order Entry** | 25-Mar-2031 | 24-Mar-2031 | 25-Mar-2031 | Laboratory | Complete Blood Count (CBC) |
| **Meditech Order Entry** | 25-Mar-2031 | 25-Mar-2031 | 25-Mar-2031 | Dietitian Referrals | Nutrition Assessment |
| **Meditech Order Entry** | 27-Mar-2031 | 27-Mar-2031 | 27-Mar-2031 | Occupational Therapy | Occupational Therapy Referral |
| **Meditech Order Entry** | 27-Mar-2031 | 27-Mar-2031 | 27-Mar-2031 | Physiotherapy | Physiotherapy Referral |
| **Meditech Order Entry** | 27-Mar-2031 | 27-Mar-2031 | 27-Mar-2031 | Radiography | Shoulder Lt |
| **Meditech Order Entry** | 27-Mar-2031 | 27-Mar-2031 | 27-Mar-2031 | Occupational Therapy | Occupational Therapy Referral |
| **Meditech Order Entry** | 28-Mar-2031 | 28-Mar-2031 | 28-Mar-2031 | Computed Tomography | Extremity Upper Lt |
| **Meditech Order Entry** | 28-Mar-2031 | 28-Mar-2031 | 28-Mar-2031 | Laboratory | Chem 6 - Urea,Crea,Lytes |
| **Meditech Order Entry** | 28-Mar-2031 | 28-Mar-2031 | 28-Mar-2031 | Laboratory | Ionized Calcium Profile |
| **Meditech Order Entry** | 28-Mar-2031 | 28-Mar-2031 | 28-Mar-2031 | Radiography | Humerus Lt |
| **Meditech Order Entry** | 28-Mar-2031 | 28-Mar-2031 | 28-Mar-2031 | Transfusion Medical Laboratory | Group & Screen |
| **Meditech Order Entry** | 28-Mar-2031 | 28-Mar-2031 | 28-Mar-2031 | Transfusion Medical Laboratory | Red Blood Cells (Crossmatch) |

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| **Meditech Order Entry** | 28-Mar-2031 | 28-Mar-2031 | 28-Mar-2031 | Laboratory | B type Natriuretic Protein |
| **Meditech Order Entry** | 28-Mar-2031 | 28-Mar-2031 | 28-Mar-2031 | Laboratory | Ferritin |
| **Meditech Order Entry** | 28-Mar-2031 | 28-Mar-2031 | 28-Mar-2031 | Laboratory | Iron Studies Profile |
| **Meditech Order Entry** | 28-Mar-2031 | 28-Mar-2031 | 28-Mar-2031 | Laboratory | Magnesium |
| **Meditech Order Entry** | 28-Mar-2031 | 28-Mar-2031 | 28-Mar-2031 | Laboratory | Peripheral Blood Film Smear |
| **Meditech Order Entry** | 28-Mar-2031 | 28-Mar-2031 | 28-Mar-2031 | Laboratory | Phosphorus (Phosphate) |
| **Meditech Order Entry** | 28-Mar-2031 | 28-Mar-2031 | 28-Mar-2031 | Laboratory | Retic Count |
| **Meditech Order Entry** | 28-Mar-2031 | 28-Mar-2031 | 28-Mar-2031 | Radiography | Chest (CXR) |
| **Meditech Order Entry** | 28-Mar-2031 | 28-Mar-2031 | 28-Mar-2031 | Cardiology | ECG - Adult (12 Lead) |
| **ADM Location History** | 28-Mar-2031 16:55 | Hospital Room #3 | | | |
| **Meditech Order Entry** | 30-Mar-2031 | 28-Mar-2031 | 30-Mar-2031 | Laboratory | Complete Blood Count (CBC) |
| **Meditech Order Entry** | 30-Mar-2031 | 28-Mar-2031 | 30-Mar-2031 | Laboratory | INR (PT) |
| **Meditech Order Entry** | 30-Mar-2031 | 28-Mar-2031 | 30-Mar-2031 | Laboratory | Partial Thromboplastin Time |
| **Meditech Order Entry** | 30-Mar-2031 | 30-Mar-2031 | 30-Mar-2031 | Laboratory | Partial Thromboplastin Time |
| **Meditech Order Entry** | 30-Mar-2031 | 30-Mar-2031 | 30-Mar-2031 | Laboratory | Partial Thromboplastin Time |
| **Meditech Order Entry** | 31-Mar-2031 | 30-Mar-2031 | 31-Mar-2031 | Laboratory | Partial Thromboplastin Time |
| **Meditech Order Entry** | 01-Apr-2031 | 31-Mar-2031 | 01-Apr-2031 | Laboratory | Partial Thromboplastin Time |
| **Meditech Order Entry** | 01-Apr-2031 | 1-Apr-2031 | 01-Apr-2031 | Radiography | Fluoro Upper Ext Lt Specialist |
| **Meditech Order Entry** | 01-Apr-2031 | 1-Apr-2031 | 01-Apr-2031 | Radiography | Humerus Lt |

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| **Meditech Order Entry** | 01-Apr-2031 | 1-Apr-2031 | 01-Apr-2031 | Laboratory | Complete Blood Count (CBC) |
| **Meditech Order Entry** | 01-Apr-2031 | 1-Apr-2031 | 01-Apr-2031 | Laboratory | INR (PT) |
| **Meditech Order Entry** | 01-Apr-2031 | 01-Apr-2031 | 01-Apr-2031 | Laboratory | Partial Thromboplastin Time |
| **Meditech Order Entry** | 01-Apr-2031 | 1-Apr-2031 | 01-Apr-2031 | Computed Tomography | Extremity Upper Lt |
| **Meditech Surgeries** | 01-Apr-2031 9:20 | Room #1 | Surgeon #1 | Orthopedic Surgery | Anaesthetist #1 |
| **Meditech Order Entry** | 02-Apr-2031 | 2-Apr-2031 | 02-Apr-2031 | Dietary | General |
| **Meditech Order Entry** | 02-Apr-2031 | 2-Apr-2031 | 02-Apr-2031 | Radiography | Fluoro Upper Ext Lt Specialist |
| **Meditech Order Entry** | 02-Apr-2031 | 02-Apr-2031 | 02-Apr-2031 | Radiography | Humerus Lt |
| **Meditech Order Entry** | 02-Apr-2031 | 02-Apr-2031 | 02-Apr-2031 | Dietary | Nothing By Mouth |
| **Meditech Order Entry** | 02-Apr-2031 | 02-Apr-2031 | 02-Apr-2031 | Laboratory | Complete Blood Count (CBC) |
| **Meditech Order Entry** | 02-Apr-2031 | 02-Apr-2031 | 02-Apr-2031 | Radiography | Chest Portable |
| **Meditech Surgeries** | 02-Apr-2031 19:24 | Room #1 | Surgeon #1 | Orthopedic Surgery | Anaesthetist #1 |
| **Meditech Order Entry** | 03-Apr-2031 | 03-Apr-2031 | 03-Apr-2031 | Radiography | Chest (CXR) |
| **Meditech Order Entry** | 03-Apr-2031 | 03-Apr-2031 | 03-Apr-2031 | Home Health | Home Health Liason Referral |
| **Meditech Order Entry** | 03-Apr-2031 | 03-Apr-2031 | 03-Apr-2031 | Laboratory | Chem 6 - Urea,Crea,Lytes |
| **Meditech Order Entry** | 03-Apr-2031 | 03-Apr-2031 | 03-Apr-2031 | Laboratory | Complete Blood Count (CBC) |
| **Meditech Order Entry** | 04-Apr-2031 | 03-Apr-2031 | 04-Apr-2031 | Dietary | General |
| **Meditech Order Entry** | 04-Apr-2031 | 03-Apr-2031 | 04-Apr-2031 | Laboratory | Chem 6 - Urea,Crea,Lytes |
| **Meditech Order Entry** | 04-Apr-2031 | 03-Apr-2031 | 04-Apr-2031 | Laboratory | Complete Blood Count (CBC) |
| **Meditech Order Entry** | 04-Apr-2031 | 04-Apr-2031 | 04-Apr-2031 | Laboratory | Immunoglobulin A (IGA) |

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| **Meditech Order Entry** | 04-Apr-2031 | 04-Apr-2031 | 04-Apr-2031 | Laboratory | Immunoglobulin G (IgG) |
| **Meditech Order Entry** | 04-Apr-2031 | 04-Apr-2031 | 04-Apr-2031 | Laboratory | Immunoglobulin M (IGM) |
| **Meditech Order Entry** | 05-Apr-2031 | 03-Apr-2031 | 05-Apr-2031 | Laboratory | Chem 6 - Urea,Crea,Lytes |
| **Meditech Order Entry** | 05-Apr-2031 | 03-Apr-2031 | 05-Apr-2031 | Laboratory | Complete Blood Count (CBC) |
| **Meditech Order Entry** | 05-Apr-2031 | 03-Apr-2031 | 05-Apr-2031 | Radiography | Chest (CXR) |
| **Meditech Order Entry** | 06-Apr-2031 | 03-Apr-2031 | 06-Apr-2031 | Laboratory | Chem 6 - Urea,Crea,Lytes |
| **Meditech Order Entry** | 06-Apr-2031 | 03-Apr-2031 | 06-Apr-2031 | Laboratory | Complete Blood Count (CBC) |
| **Meditech Order Entry** | 06-Apr-2031 | 05-Apr-2031 | 06-Apr-2031 | Laboratory | Ionized Calcium Profile |
| **Meditech Order Entry** | 08-Apr-2031 | 06-Apr-2031 | 08-Apr-2031 | Laboratory | Chem 6 - Urea,Crea,Lytes |
| **Meditech Order Entry** | 08-Apr-2031 | 06-Apr-2031 | 08-Apr-2031 | Laboratory | Complete Blood Count (CBC) |
| **Meditech Order Entry** | 09-Apr-2031 | 09-Apr-2031 | 09-Apr-2031 | Laboratory | Complete Blood Count (CBC) |
| **Meditech Order Entry** | 12-Apr-2031 | 11-Apr-2031 | 12-Apr-2031 | Laboratory | Chem 6 - Urea,Crea,Lytes |
| **Meditech Order Entry** | 12-Apr-2031 | 11-Apr-2031 | 12-Apr-2031 | Laboratory | Complete Blood Count (CBC) |
| **Meditech Order Entry** | 12-Apr-2031 | 12-Apr-2031 | 12-Apr-2031 | Laboratory | Liver Function Tests (LFT) |
| | 14-Apr-2031 12:30 | | Discharged | 16.8 days | |

Shortness of Breath

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| **Meditech Order Entry** | 29-Dec-2030 | 29-Dec-2030 | 29-Dec-2030 | Radiography | Chest Portable |
| **Meditech Order Entry** | 29-Dec-2030 | 29-Dec-2030 | 29-Dec-2030 | Laboratory | C-Reactive Protein (CRP) |
| **Meditech Order Entry** | 29-Dec-2030 | 29-Dec-2030 | 29-Dec-2030 | Laboratory | Chem 7 - Glu R,Urea,Crea,Lytes |
| **Meditech Order Entry** | 29-Dec-2030 | 29-Dec-2030 | 29-Dec-2030 | Laboratory | Complete Blood Count (CBC) |

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| **Meditech Order Entry** | 29-Dec-2030 | 29-Dec-2030 | 29-Dec-2030 | Laboratory | Blood Gas, Arterial (ABG) |
| **Meditech Order Entry** | 29-Dec-2030 | 29-Dec-2030 | 29-Dec-2030 | Laboratory | Chem 7 - Glu R,Urea,Crea,Lytes |
| **Meditech Order Entry** | 29-Dec-2030 | 29-Dec-2030 | 29-Dec-2030 | Laboratory | Complete Blood Count (CBC) |
| **Meditech Order Entry** | 29-Dec-2030 | 29-Dec-2030 | 29-Dec-2030 | Laboratory | INR (PT) |
| **Meditech Order Entry** | 29-Dec-2030 | 29-Dec-2030 | 29-Dec-2030 | Laboratory | Ionized Calcium Profile |
| **Meditech Order Entry** | 29-Dec-2030 | 29-Dec-2030 | 29-Dec-2030 | Laboratory | Liver Function Tests (LFT) |
| **Meditech Order Entry** | 29-Dec-2030 | 29-Dec-2030 | 29-Dec-2030 | Laboratory | Magnesium |
| **Meditech Order Entry** | 29-Dec-2030 | 29-Dec-2030 | 29-Dec-2030 | Laboratory | Partial Thromboplastin Time |
| **Meditech Order Entry** | 29-Dec-2030 | 29-Dec-2030 | 29-Dec-2030 | Laboratory | Phosphorus (Phosphate) |
| **Meditech Order Entry** | 29-Dec-2030 | 29-Dec-2030 | 29-Dec-2030 | Microbiology | Blood Culture (Pt's 6 and up) |
| **Meditech Order Entry** | 29-Dec-2030 | 29-Dec-2030 | 29-Dec-2030 | Cardiology | ECG - Adult (12 Lead) |
| **Meditech Order Entry** | 29-Dec-2030 | 29-Dec-2030 | 29-Dec-2030 | Laboratory | Rapid Arterial Metabolic Panel |
| **Meditech Order Entry** | 29-Dec-2030 | 29-Dec-2030 | 29-Dec-2030 | Laboratory | Blood Gas, Arterial (ABG) |
| **Meditech Order Entry** | 29-Dec-2030 | 29-Dec-2030 | 29-Dec-2030 | Laboratory | Blood Gas, Arterial (ABG) |
| **Meditech Order Entry** | 29-Dec-2030 | 29-Dec-2030 | 29-Dec-2030 | Laboratory | Rapid Arterial Metabolic Panel |
| **EDM Location History** | 29-Dec-2030 6:36 | 29-Dec-2030 7:52 | Emergency Room #1 | Emergency Room #2 | 1.3 days |
| **EDM Location History** | 29-Dec-2030 7:52 | 29-Dec-2030 16:57 | Emergency Room #2 | Hospital Room #1 | 9.1 days |
| **ADM Location History** | 29-Dec-2030 16:57 | 30-Dec-2030 5:00 | Hospital Room #1 | Hospital Room #2 | 0.5 days |
| **Meditech Surgeries** | 29-Dec-2030 17:00 | Room #1 | Surgeon #1 | Otolaryngology | Anaesthetist #1 |
| **Meditech Order Entry** | 30-Dec-2030 | 29-Dec-2030 | 30-Dec-2030 | Laboratory | Chem 7 - Glu R,Urea,Crea,Lytes |
| **Meditech Order Entry** | 30-Dec-2030 | 29-Dec-2030 | 30-Dec-2030 | Laboratory | Complete Blood Count (CBC) |

| Meditech Order Entry | 30-Dec-2030 | 30-Dec-2030 | 30-Dec-2030 | Laboratory | Magnesium |
|---|---|---|---|---|---|
| Meditech Order Entry | 30-Dec-2030 | 30-Dec-2030 | 30-Dec-2030 | Laboratory | Phosphorus (Phosphate) |
| Meditech Order Entry | 30-Dec-2030 | 30-Dec-2030 | 30-Dec-2030 | Laboratory | Blood Gas, Arterial (ABG) |
| Meditech Order Entry | 30-Dec-2030 | 30-Dec-2030 | 30-Dec-2030 | Laboratory | Chem 7 - Glu R,Urea,Crea,Lytes |
| Meditech Order Entry | 30-Dec-2030 | 30-Dec-2030 | 30-Dec-2030 | Laboratory | Complete Blood Count (CBC) |
| Meditech Order Entry | 30-Dec-2030 | 30-Dec-2030 | 30-Dec-2030 | Microbiology | MRSA Screen |
| Meditech Order Entry | 30-Dec-2030 | 30-Dec-2030 | 30-Dec-2030 | Microbiology | Multiresistant organism screen |
| Meditech Order Entry | 30-Dec-2030 | 30-Dec-2030 | 30-Dec-2030 | Dietitian Referrals | Nutrition Assessment |
| Meditech Order Entry | 30-Dec-2030 | 30-Dec-2030 | 30-Dec-2030 | Radiography | Abdomen Single |
| Meditech Order Entry | 30-Dec-2030 | 30-Dec-2030 | 30-Dec-2030 | Dietary | Tube Feed (No Tray) |
| ADM Location History | 30-Dec-2030 5:00 | 08-Jan-2031 8:37 | Hospital Room #2 | Hospital Room #3 | 9.2 days |
| Meditech Order Entry | 31-Dec-2030 | 30-Dec-2030 | 31-Dec-2030 | Laboratory | Chem 7 - Glu R,Urea,Crea,Lytes |
| Meditech Order Entry | 31-Dec-2030 | 30-Dec-2030 | 31-Dec-2030 | Laboratory | Complete Blood Count (CBC) |
| Meditech Order Entry | 31-Dec-2030 | 30-Dec-2030 | 31-Dec-2030 | Laboratory | Magnesium |
| Meditech Order Entry | 31-Dec-2030 | 30-Dec-2030 | 31-Dec-2030 | Laboratory | Phosphorus (Phosphate) |
| Meditech Order Entry | 31-Dec-2030 | 31-Dec-2030 | 31-Dec-2030 | Cardiology | ECG - Adult (12 Lead) |
| Meditech Order Entry | 31-Dec-2030 | 31-Dec-2030 | 31-Dec-2030 | Laboratory | Chem 7 - Glu R,Urea,Crea,Lytes |
| Meditech Order Entry | 31-Dec-2030 | 31-Dec-2030 | 31-Dec-2030 | Laboratory | Complete Blood Count (CBC) |
| Meditech Order Entry | 31-Dec-2030 | 31-Dec-2030 | 31-Dec-2030 | Laboratory | Lipase |
| Meditech Order Entry | 31-Dec-2030 | 31-Dec-2030 | 31-Dec-2030 | Laboratory | Liver Function Tests (LFT) |
| Meditech Order Entry | 31-Dec-2030 | 31-Dec-2030 | 31-Dec-2030 | Laboratory | Magnesium |

| Meditech Order Entry | | | | | |
|---|---|---|---|---|---|
| **Meditech Order Entry** | 31-Dec-2030 | 31-Dec-2030 | 31-Dec-2030 | Laboratory | Phosphorus (Phosphate) |
| **Meditech Order Entry** | 31-Dec-2030 | 31-Dec-2030 | 31-Dec-2030 | Laboratory | Troponin I |
| **Meditech Order Entry** | 31-Dec-2030 | 31-Dec-2030 | 31-Dec-2030 | Laboratory | Thyroid Stimulating Hormone |
| **Meditech Order Entry** | 31-Dec-2030 | 31-Dec-2030 | 31-Dec-2030 | Laboratory | Troponin I |
| **Meditech Order Entry** | 31-Dec-2030 | 31-Dec-2030 | 31-Dec-2030 | Cardiology | ECG - Adult (12 Lead) |
| **Meditech Order Entry** | 31-Dec-2030 | 31-Dec-2030 | 31-Dec-2030 | Laboratory | Troponin I |
| **Meditech Order Entry** | 31-Dec-2030 | 31-Dec-2030 | 31-Dec-2030 | Cardiology | ECG - Adult (12 Lead) |
| **Meditech Order Entry** | 31-Dec-2030 | 31-Dec-2030 | 31-Dec-2030 | Laboratory | Troponin I |
| **Meditech Order Entry** | 31-Dec-2030 | 31-Dec-2030 | 31-Dec-2030 | Laboratory | Troponin I |
| **Meditech Order Entry** | 01-Jan-2031 | 29-Dec-2030 | 01-Jan-2031 | Laboratory | Chem 7 - Glu R,Urea,Crea,Lytes |
| **Meditech Order Entry** | 01-Jan-2031 | 29-Dec-2030 | 01-Jan-2031 | Laboratory | Complete Blood Count (CBC) |
| **Meditech Order Entry** | 01-Jan-2031 | 30-Dec-2030 | 01-Jan-2031 | Laboratory | Magnesium |
| **Meditech Order Entry** | 01-Jan-2031 | 30-Dec-2030 | 01-Jan-2031 | Laboratory | Phosphorus (Phosphate) |
| **Meditech Order Entry** | 01-Jan-2031 | 31-Dec-2030 | 01-Jan-2031 | Radiography | Chest Portable |
| **Meditech Order Entry** | 02-Jan-2031 | 30-Dec-2030 | 02-Jan-2031 | Laboratory | Magnesium |
| **Meditech Order Entry** | 02-Jan-2031 | 30-Dec-2030 | 02-Jan-2031 | Laboratory | Phosphorus (Phosphate) |
| **Meditech Order Entry** | 02-Jan-2031 | 01-Jan-2031 | 02-Jan-2031 | Laboratory | Chem 7 - Glu R,Urea,Crea,Lytes |
| **Meditech Order Entry** | 02-Jan-2031 | 01-Jan-2031 | 02-Jan-2031 | Laboratory | Complete Blood Count (CBC) |
| **Meditech Order Entry** | 02-Jan-2031 | 01-Jan-2031 | 02-Jan-2031 | Radiography | Chest Portable |
| **Meditech Order Entry** | 02-Jan-2031 | 02-Jan-2031 | 02-Jan-2031 | Laboratory | Phosphorus (Phosphate) |
| **Meditech Order Entry** | 02-Jan-2031 | 02-Jan-2031 | 02-Jan-2031 | Dietary | Tube Feed (No Tray) |

| | | | | | |
|---|---|---|---|---|---|
| **Meditech Order Entry** | 02-Jan-2031 | 02-Jan-2031 | 02-Jan-2031 | Dietitian Referrals | Nutrition Assessment |
| **Meditech Order Entry** | 02-Jan-2031 | 02-Jan-2031 | 02-Jan-2031 | Microbiology | Wound Deep Culture & Gram |
| **Meditech Order Entry** | 03-Jan-2031 | 30-Dec-2030 | 03-Jan-2031 | Laboratory | Magnesium |
| **Meditech Order Entry** | 03-Jan-2031 | 30-Dec-2030 | 03-Jan-2031 | Laboratory | Phosphorus (Phosphate) |
| **Meditech Order Entry** | 03-Jan-2031 | 02-Jan-2031 | 03-Jan-2031 | Laboratory | Chem 7 - Glu R,Urea,Crea,Lytes |
| **Meditech Order Entry** | 03-Jan-2031 | 02-Jan-2031 | 03-Jan-2031 | Laboratory | Complete Blood Count (CBC) |
| **Meditech Order Entry** | 03-Jan-2031 | 02-Jan-2031 | 03-Jan-2031 | Dietary | Tube Feed (No Tray) |
| **Meditech Order Entry** | 03-Jan-2031 | 03-Jan-2031 | 03-Jan-2031 | Laboratory | Chem 7 - Glu R,Urea,Crea,Lytes |
| **Meditech Order Entry** | 03-Jan-2031 | 03-Jan-2031 | 03-Jan-2031 | Laboratory | Ionized Calcium Profile |
| **Meditech Order Entry** | 03-Jan-2031 | 03-Jan-2031 | 03-Jan-2031 | Laboratory | Magnesium |
| **Meditech Order Entry** | 03-Jan-2031 | 03-Jan-2031 | 03-Jan-2031 | Laboratory | Phosphorus (Phosphate) |
| **Meditech Order Entry** | 04-Jan-2031 | 30-Dec-2030 | 04-Jan-2031 | Laboratory | Magnesium |
| **Meditech Order Entry** | 04-Jan-2031 | 30-Dec-2030 | 04-Jan-2031 | Laboratory | Phosphorus (Phosphate) |
| **Meditech Order Entry** | 04-Jan-2031 | 03-Jan-2031 | 04-Jan-2031 | Laboratory | Chem 7 - Glu R,Urea,Crea,Lytes |
| **Meditech Order Entry** | 04-Jan-2031 | 03-Jan-2031 | 04-Jan-2031 | Laboratory | Complete Blood Count (CBC) |
| **Meditech Order Entry** | 04-Jan-2031 | 03-Jan-2031 | 04-Jan-2031 | Radiography | Chest Portable |
| **Meditech Order Entry** | 04-Jan-2031 | 03-Jan-2031 | 04-Jan-2031 | Laboratory | Magnesium |
| **Meditech Order Entry** | 04-Jan-2031 | 04-Jan-2031 | 04-Jan-2031 | Microbiology | Bronchoscopy Culture & Gram |
| **Meditech Order Entry** | 05-Jan-2031 | 04-Jan-2031 | 05-Jan-2031 | Laboratory | Chem 7 - Glu R,Urea,Crea,Lytes |
| **Meditech Order Entry** | 05-Jan-2031 | 04-Jan-2031 | 05-Jan-2031 | Laboratory | Complete Blood Count (CBC) |
| **Meditech Order Entry** | 07-Jan-2031 | 06-Jan-2031 | 07-Jan-2031 | Laboratory | Chem 7 - Glu R,Urea,Crea,Lytes |

| Meditech Order Entry | 07-Jan-2031 | 06-Jan-2031 | 07-Jan-2031 | Laboratory | Complete Blood Count (CBC) |
|---|---|---|---|---|---|
| ADM Location History | 08-Jan-2031 8:37 | 17-Jan-2031 21:15 | Hospital Room #3 | Hospital Room #4 | 9.5 days |
| Meditech Order Entry | 09-Jan-2031 | 08-Jan-2031 | 09-Jan-2031 | Laboratory | Chem 7 - Glu R,Urea,Crea,Lytes |
| Meditech Order Entry | 09-Jan-2031 | 08-Jan-2031 | 09-Jan-2031 | Laboratory | Complete Blood Count (CBC) |
| Meditech Order Entry | 09-Jan-2031 | 08-Jan-2031 | 09-Jan-2031 | Laboratory | Magnesium |
| Meditech Order Entry | 09-Jan-2031 | 08-Jan-2031 | 09-Jan-2031 | Laboratory | Phosphorus (Phosphate) |
| Meditech Order Entry | 09-Jan-2031 | 08-Jan-2031 | 09-Jan-2031 | Radiography | Chest Portable |
| Meditech Order Entry | 09-Jan-2031 | 09-Jan-2031 | 09-Jan-2031 | Microbiology | Multiresistant organism screen |
| Meditech Order Entry | 09-Jan-2031 | 09-Jan-2031 | 09-Jan-2031 | Microbiology | MRSA Screen |
| Meditech Order Entry | 10-Jan-2031 | 10-Jan-2031 | 10-Jan-2031 | Radiography | Chest Portable |
| Meditech Order Entry | 11-Jan-2031 | 9-Jan-2031 | 11-Jan-2031 | Laboratory | Chem 7 - Glu R,Urea,Crea,Lytes |
| Meditech Order Entry | 11-Jan-2031 | 9-Jan-2031 | 11-Jan-2031 | Laboratory | Complete Blood Count (CBC) |
| Meditech Order Entry | 13-Jan-2031 | 11-Jan-2031 | 13-Jan-2031 | Laboratory | Chem 7 - Glu R,Urea,Crea,Lytes |
| Meditech Order Entry | 13-Jan-2031 | 11-Jan-2031 | 13-Jan-2031 | Laboratory | Complete Blood Count (CBC) |
| Meditech Order Entry | 13-Jan-2031 | 13-Jan-2031 | 13-Jan-2031 | Laboratory | Magnesium |
| Meditech Order Entry | 15-Jan-2031 | 13-Jan-2031 | 15-Jan-2031 | Laboratory | Chem 7 - Glu R,Urea,Crea,Lytes |
| Meditech Order Entry | 15-Jan-2031 | 13-Jan-2031 | 15-Jan-2031 | Laboratory | Complete Blood Count (CBC) |
| Meditech Order Entry | 16-Jan-2031 | 15-Jan-2031 | 16-Jan-2031 | Laboratory | Magnesium |
| Meditech Order Entry | 16-Jan-2031 | 15-Jan-2031 | 16-Jan-2031 | Laboratory | Phosphorus (Phosphate) |
| Meditech Order Entry | 16-Jan-2031 | 15-Jan-2031 | 16-Jan-2031 | Laboratory | Complete Blood Count (CBC) |
| Meditech Order Entry | 16-Jan-2031 | 16-Jan-2031 | 16-Jan-2031 | Laboratory | Chem 7 - Glu R,Urea,Crea,Lytes |

| | | | | | |
|---|---|---|---|---|---|
| **Meditech Order Entry** | 16-Jan-2031 | 16-Jan-2031 | 16-Jan-2031 | Microbiology | MRSA Screen |
| **Meditech Order Entry** | 17-Jan-2031 | 16-Jan-2031 | 17-Jan-2031 | Laboratory | Chem 7 - Glu R,Urea,Crea,Lytes |
| **Meditech Order Entry** | 17-Jan-2031 | 16-Jan-2031 | 17-Jan-2031 | Laboratory | Complete Blood Count (CBC) |
| **ADM Location History** | 17-Jan-2031 21:15 | 17-Jan-2031 23:10 | Hospital Room #4 | Hospital Room #5 | 0.1 days |
| **ADM Location History** | 17-Jan-2031 23:10 | Hospital Room #5 | | | 22.5 days |
| **Meditech Order Entry** | 19-Jan-2031 | 17-Jan-2031 | 19-Jan-2031 | Laboratory | Chem 7 - Glu R,Urea,Crea,Lytes |
| **Meditech Order Entry** | 19-Jan-2031 | 17-Jan-2031 | 19-Jan-2031 | Laboratory | Complete Blood Count (CBC) |
| **Meditech Order Entry** | 20-Jan-2031 | 20-Jan-2031 | 20-Jan-2031 | Microbiology | Throat Culture |
| **Meditech Order Entry** | 20-Jan-2031 | 20-Jan-2031 | 20-Jan-2031 | Microbiology | Sputum Culture & Gram Stain |
| **Meditech Order Entry** | 21-Jan-2031 | 17-Jan-2031 | 21-Jan-2031 | Laboratory | Chem 7 - Glu R,Urea,Crea,Lytes |
| **Meditech Order Entry** | 21-Jan-2031 | 17-Jan-2031 | 21-Jan-2031 | Laboratory | Complete Blood Count (CBC) |
| **Meditech Order Entry** | 23-Jan-2031 | 23-Jan-2031 | 23-Jan-2031 | Dietary | Tube Feed (No Tray) |
| **Meditech Order Entry** | 24-Jan-2031 | 23-Jan-2031 | 24-Jan-2031 | Laboratory | Chem 7 - Glu R,Urea,Crea,Lytes |
| **Meditech Order Entry** | 24-Jan-2031 | 23-Jan-2031 | 24-Jan-2031 | Laboratory | Complete Blood Count (CBC) |
| **Meditech Order Entry** | 24-Jan-2031 | 23-Jan-2031 | 24-Jan-2031 | Laboratory | Magnesium |
| **Meditech Order Entry** | 24-Jan-2031 | 23-Jan-2031 | 24-Jan-2031 | Laboratory | Phosphorus (Phosphate) |
| **Meditech Order Entry** | 27-Jan-2031 | 26-Jan-2031 | 27-Jan-2031 | Laboratory | Chem 7 - Glu R,Urea,Crea,Lytes |
| **Meditech Order Entry** | 27-Jan-2031 | 26-Jan-2031 | 27-Jan-2031 | Laboratory | Complete Blood Count (CBC) |
| **Meditech Order Entry** | 27-Jan-2031 | 26-Jan-2031 | 27-Jan-2031 | Laboratory | Magnesium |
| **Meditech Order Entry** | 27-Jan-2031 | 26-Jan-2031 | 27-Jan-2031 | Laboratory | Phosphorus (Phosphate) |
| **Meditech Order Entry** | 30-Jan-2031 | 29-Jan-2031 | 30-Jan-2031 | Dietitian Referrals | Nutrition Assessment |

| | | | | | |
|---|---|---|---|---|---|
| **Meditech Order Entry** | 31-Jan-2031 | 26-Jan-2031 | 31-Jan-2031 | RAD - Special Procedures | Perc Gastrojejunostomy Cont |
| **Meditech Order Entry** | 31-Jan-2031 | 31-Jan-2031 | 31-Jan-2031 | RAD - Special Procedures | US Guidance for Puncture Abdo |
| **Meditech Order Entry** | 31-Jan-2031 | 31-Jan-2031 | 31-Jan-2031 | RAD - Special Procedures | Tube Removal WL |
| **Meditech Order Entry** | 01-Feb-2031 | 31-Jan-2031 | 01-Feb-2031 | Dietary | Tube Feed (No Tray) |
| **Meditech Order Entry** | 01-Feb-2031 | 01-Feb-2031 | 01-Feb-2031 | Laboratory | Chem 7 - Glu R,Urea,Crea,Lytes |
| **Meditech Order Entry** | 01-Feb-2031 | 01-Feb-2031 | 01-Feb-2031 | Laboratory | Complete Blood Count (CBC) |
| **Meditech Order Entry** | 01-Feb-2031 | 01-Feb-2031 | 01-Feb-2031 | Laboratory | Lactate: Lactic Acid |
| **Meditech Order Entry** | 01-Feb-2031 | 01-Feb-2031 | 01-Feb-2031 | Laboratory | Lipase |
| **Meditech Order Entry** | 01-Feb-2031 | 01-Feb-2031 | 01-Feb-2031 | Laboratory | Liver Function Tests (LFT) |
| **Meditech Order Entry** | 01-Feb-2031 | 01-Feb-2031 | 01-Feb-2031 | Laboratory | Magnesium |
| **Meditech Order Entry** | 01-Feb-2031 | 01-Feb-2031 | 01-Feb-2031 | Computed Tomography | Abdomen Pelvis Contrast |
| **Meditech Order Entry** | 01-Feb-2031 | 01-Feb-2031 | 01-Feb-2031 | Transfusion Medical Laboratory | Group & Screen |
| **Meditech Order Entry** | 01-Feb-2031 | 01-Feb-2031 | 01-Feb-2031 | Social Work | Social Work Referral |
| **Meditech Order Entry** | 02-Feb-2031 | 01-Feb-2031 | 02-Feb-2031 | Laboratory | Chem 7 - Glu R,Urea,Crea,Lytes |
| **Meditech Order Entry** | 02-Feb-2031 | 01-Feb-2031 | 02-Feb-2031 | Laboratory | Complete Blood Count (CBC) |
| **Meditech Order Entry** | 02-Feb-2031 | 01-Feb-2031 | 02-Feb-2031 | Radiography | Abdomen Multi Views |
| **Meditech Order Entry** | 02-Feb-2031 | 01-Feb-2031 | 02-Feb-2031 | Radiography | Chest (CXR) |
| **Meditech Order Entry** | 02-Feb-2031 | 01-Feb-2031 | 02-Feb-2031 | Laboratory | C-Reactive Protein (CRP) |
| **Meditech Order Entry** | 02-Feb-2031 | 01-Feb-2031 | 02-Feb-2031 | Laboratory | Ionized Calcium Profile |
| **Meditech Order Entry** | 02-Feb-2031 | 01-Feb-2031 | 02-Feb-2031 | Laboratory | Lipase |
| **Meditech Order Entry** | 02-Feb-2031 | 01-Feb-2031 | 02-Feb-2031 | Laboratory | Liver Function Tests (LFT) |

| Meditech Order Entry | 02-Feb-2031 | 01-Feb-2031 | 02-Feb-2031 | Laboratory | Magnesium |
|---|---|---|---|---|---|
| Meditech Order Entry | 02-Feb-2031 | 01-Feb-2031 | 02-Feb-2031 | Laboratory | Phosphorus (Phosphate) |
| Meditech Order Entry | 02-Feb-2031 | 02-Feb-2031 | 02-Feb-2031 | Social Work | Social Work Referral |
| Meditech Order Entry | 03-Feb-2031 | 01-Feb-2031 | 03-Feb-2031 | Laboratory | Chem 7 - Glu R,Urea,Crea,Lytes |
| Meditech Order Entry | 03-Feb-2031 | 01-Feb-2031 | 03-Feb-2031 | Laboratory | Complete Blood Count (CBC) |
| Meditech Order Entry | 03-Feb-2031 | 01-Feb-2031 | 03-Feb-2031 | Radiography | Abdomen Multi Views |
| Meditech Order Entry | 03-Feb-2031 | 01-Feb-2031 | 03-Feb-2031 | Radiography | Chest (CXR) |
| Meditech Order Entry | 03-Feb-2031 | 01-Feb-2031 | 03-Feb-2031 | Laboratory | C-Reactive Protein (CRP) |
| Meditech Order Entry | 03-Feb-2031 | 01-Feb-2031 | 03-Feb-2031 | Laboratory | Ionized Calcium Profile |
| Meditech Order Entry | 03-Feb-2031 | 01-Feb-2031 | 03-Feb-2031 | Laboratory | Lipase |
| Meditech Order Entry | 03-Feb-2031 | 01-Feb-2031 | 03-Feb-2031 | Laboratory | Liver Function Tests (LFT) |
| Meditech Order Entry | 03-Feb-2031 | 01-Feb-2031 | 03-Feb-2031 | Laboratory | Magnesium |
| Meditech Order Entry | 03-Feb-2031 | 01-Feb-2031 | 03-Feb-2031 | Laboratory | Phosphorus (Phosphate) |
| Meditech Order Entry | 03-Feb-2031 | 02-Feb-2031 | 03-Feb-2031 | Laboratory | Lactate: Lactic Acid |
| Meditech Order Entry | 03-Feb-2031 | 03-Feb-2031 | 03-Feb-2031 | Radiography | Chest (CXR) |
| Meditech Order Entry | 04-Feb-2031 | 03-Feb-2031 | 04-Feb-2031 | Laboratory | C-Reactive Protein (CRP) |
| Meditech Order Entry | 04-Feb-2031 | 03-Feb-2031 | 04-Feb-2031 | Laboratory | Calcium |
| Meditech Order Entry | 04-Feb-2031 | 03-Feb-2031 | 04-Feb-2031 | Laboratory | Chem 7 - Glu R,Urea,Crea,Lytes |
| Meditech Order Entry | 04-Feb-2031 | 03-Feb-2031 | 04-Feb-2031 | Laboratory | Complete Blood Count (CBC) |
| Meditech Order Entry | 04-Feb-2031 | 03-Feb-2031 | 04-Feb-2031 | Laboratory | Lipase |
| Meditech Order Entry | 04-Feb-2031 | 03-Feb-2031 | 04-Feb-2031 | Laboratory | Liver Function Tests (LFT) |

| | | | | | |
|---|---|---|---|---|---|
| **Meditech Order Entry** | 04-Feb-2031 | 03-Feb-2031 | 04-Feb-2031 | Laboratory | Phosphorus (Phosphate) |
| **Meditech Order Entry** | 04-Feb-2031 | 03-Feb-2031 | 04-Feb-2031 | Dietary | Tube Feed (No Tray) |
| **Meditech Order Entry** | 05-Feb-2031 | 03-Feb-2031 | 05-Feb-2031 | Laboratory | C-Reactive Protein (CRP) |
| **Meditech Order Entry** | 05-Feb-2031 | 03-Feb-2031 | 05-Feb-2031 | Laboratory | Calcium |
| **Meditech Order Entry** | 05-Feb-2031 | 03-Feb-2031 | 05-Feb-2031 | Laboratory | Chem 7 - Glu R,Urea,Crea,Lytes |
| **Meditech Order Entry** | 05-Feb-2031 | 03-Feb-2031 | 05-Feb-2031 | Laboratory | Complete Blood Count (CBC) |
| **Meditech Order Entry** | 05-Feb-2031 | 03-Feb-2031 | 05-Feb-2031 | Laboratory | Lipase |
| **Meditech Order Entry** | 05-Feb-2031 | 03-Feb-2031 | 05-Feb-2031 | Laboratory | Liver Function Tests (LFT) |
| **Meditech Order Entry** | 05-Feb-2031 | 03-Feb-2031 | 05-Feb-2031 | Laboratory | Phosphorus (Phosphate) |
| **Meditech Order Entry** | 06-Feb-2031 | 03-Feb-2031 | 06-Feb-2031 | Laboratory | C-Reactive Protein (CRP) |
| **Meditech Order Entry** | 06-Feb-2031 | 03-Feb-2031 | 06-Feb-2031 | Laboratory | Chem 7 - Glu R,Urea,Crea,Lytes |
| **Meditech Order Entry** | 06-Feb-2031 | 03-Feb-2031 | 06-Feb-2031 | Laboratory | Complete Blood Count (CBC) |
| **Meditech Order Entry** | 06-Feb-2031 | 03-Feb-2031 | 06-Feb-2031 | Laboratory | Lipase |
| **Meditech Order Entry** | 06-Feb-2031 | 03-Feb-2031 | 06-Feb-2031 | Laboratory | Liver Function Tests (LFT) |
| **Meditech Order Entry** | 06-Feb-2031 | 03-Feb-2031 | 06-Feb-2031 | Laboratory | Phosphorus (Phosphate) |
| **Meditech Order Entry** | 06-Feb-2031 | 05-Feb-2031 | 06-Feb-2031 | Laboratory | Ionized Calcium Profile |
| **Meditech Order Entry** | 06-Feb-2031 | 05-Feb-2031 | 06-Feb-2031 | Laboratory | Magnesium |
| **Meditech Order Entry** | 07-Feb-2031 | 05-Feb-2031 | 07-Feb-2031 | Laboratory | C-Reactive Protein (CRP) |
| **Meditech Order Entry** | 07-Feb-2031 | 05-Feb-2031 | 07-Feb-2031 | Laboratory | Chem 7 - Glu R,Urea,Crea,Lytes |
| **Meditech Order Entry** | 07-Feb-2031 | 05-Feb-2031 | 07-Feb-2031 | Laboratory | Complete Blood Count (CBC) |
| **Meditech Order Entry** | 07-Feb-2031 | 05-Feb-2031 | 07-Feb-2031 | Laboratory | Lipase |

| Meditech Order Entry | 07-Feb-2031 | 05-Feb-2031 | 07-Feb-2031 | Laboratory | Liver Function Tests (LFT) |
|---|---|---|---|---|---|
| Meditech Order Entry | 07-Feb-2031 | 05-Feb-2031 | 07-Feb-2031 | Laboratory | Phosphorus (Phosphate) |
| Meditech Order Entry | 07-Feb-2031 | 05-Feb-2031 | 07-Feb-2031 | Laboratory | Ionized Calcium Profile |
| Meditech Order Entry | 07-Feb-2031 | 05-Feb-2031 | 07-Feb-2031 | Laboratory | Magnesium |
| Meditech Order Entry | 07-Feb-2031 | 07-Feb-2031 | 07-Feb-2031 | Microbiology | Wound Superficial Cult & Gram |
| Meditech Order Entry | 08-Feb-2031 | 05-Feb-2031 | 08-Feb-2031 | Laboratory | C-Reactive Protein (CRP) |
| Meditech Order Entry | 08-Feb-2031 | 05-Feb-2031 | 08-Feb-2031 | Laboratory | Chem 7 - Glu R,Urea,Crea,Lytes |
| Meditech Order Entry | 08-Feb-2031 | 05-Feb-2031 | 08-Feb-2031 | Laboratory | Complete Blood Count (CBC) |
| Meditech Order Entry | 08-Feb-2031 | 05-Feb-2031 | 08-Feb-2031 | Laboratory | Lipase |
| Meditech Order Entry | 08-Feb-2031 | 05-Feb-2031 | 08-Feb-2031 | Laboratory | Liver Function Tests (LFT) |
| Meditech Order Entry | 08-Feb-2031 | 05-Feb-2031 | 08-Feb-2031 | Laboratory | Phosphorus (Phosphate) |
| Meditech Order Entry | 08-Feb-2031 | 05-Feb-2031 | 08-Feb-2031 | Laboratory | Ionized Calcium Profile |
| Meditech Order Entry | 08-Feb-2031 | 05-Feb-2031 | 08-Feb-2031 | Laboratory | Magnesium |
| Meditech Order Entry | 09-Feb-2031 | 06-Feb-2031 | 09-Feb-2031 | Laboratory | C-Reactive Protein (CRP) |
| Meditech Order Entry | 09-Feb-2031 | 06-Feb-2031 | 09-Feb-2031 | Laboratory | Chem 7 - Glu R,Urea,Crea,Lytes |
| Meditech Order Entry | 09-Feb-2031 | 06-Feb-2031 | 09-Feb-2031 | Laboratory | Complete Blood Count (CBC) |
| Meditech Order Entry | 09-Feb-2031 | 06-Feb-2031 | 09-Feb-2031 | Laboratory | Ionized Calcium Profile |
| Meditech Order Entry | 09-Feb-2031 | 06-Feb-2031 | 09-Feb-2031 | Laboratory | Lipase |
| Meditech Order Entry | 09-Feb-2031 | 06-Feb-2031 | 09-Feb-2031 | Laboratory | Liver Function Tests (LFT) |
| Meditech Order Entry | 09-Feb-2031 | 06-Feb-2031 | 09-Feb-2031 | Laboratory | Magnesium |
| Meditech Order Entry | 09-Feb-2031 | 06-Feb-2031 | 09-Feb-2031 | Laboratory | Phosphorus (Phosphate) |

| | 09-Feb-2031 11:03 | | Discharged | | |
|---|---|---|---|---|---|

## *Appendix 3: Flow Diagram*
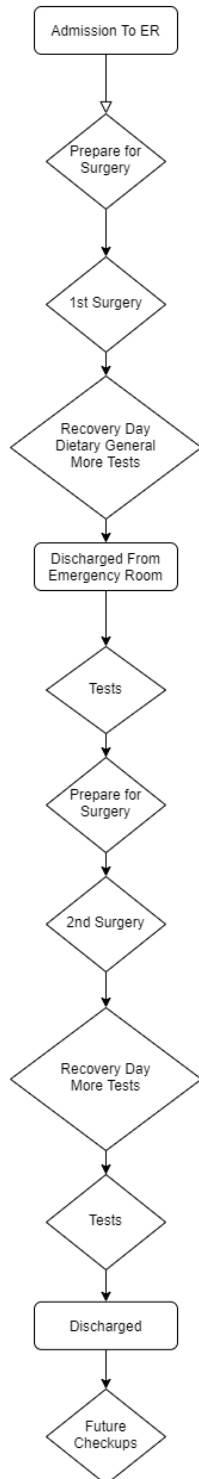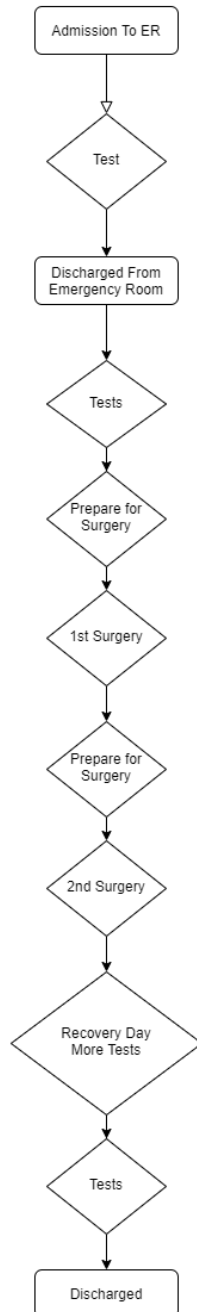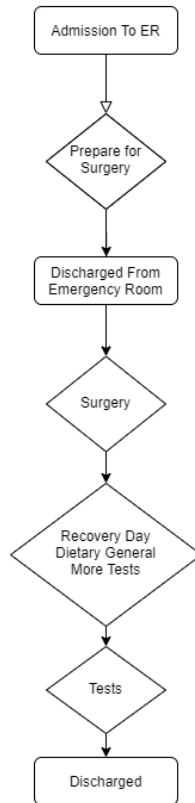
## Appendix 4: Most Searched Categories from Physician Cheat Sheets

| | | Unique | | Sorted | |
|---|---|---|---|---|---|
| Surgical Services | Clinical Documents | | | | |
| | Imaging | | | | |
| | Laboratory | Clinical Documents | 28 | Clinical Documents | 28 |
| Social Work | Encounters | Imaging | 22 | Laboratory | 25 |
| | Clinical Documents | Laboratory | 25 | Imaging | 22 |
| | Patient Contacts | Encounters | 9 | Encounters | 9 |
| Seniors Clinic | Encounters | Patient Contacts | 3 | Patient Contacts | 3 |
| | Clinical Documents | Provider Contacts | 3 | Provider Contacts | 3 |
| | Laboratory | Conditions: Problems | 2 | Conditions: Problems | 2 |
| | Imaging | | | | |
| Respiratory Therapy | Imaging | | | | |
| | Laboratory | | | | |
| | Clinical Documents | | | | |
| Renal Services | Provider Contacts | | | | |
| | Clinical Documents | | | | |
| | Imaging | | | | |
| | Laboratory | | | | |
| Rehabilitation Services | Clinical Documents | | | | |
| | Imaging | | | | |
| | Encounters | | | | |
| Pharmacy | Imaging | | | | |
| | Laboratory | | | | |
| | Clinical Documents | | | | |
| Perinatal | Imaging | | | | |
| | Laboratory | | | | |

| | Clinical Documents | | | | |
|---|---|---|---|---|---|
| Pediatrics | Imaging | | | | |
| | Laboratory | | | | |
| | Clinical Documents | | | | |
| Oncology | Imaging | | | | |
| | Laboratory | | | | |
| | Clinical Documents | | | | |
| Nuclear Medicine | Imaging | | | | |
| | Laboratory | | | | |
| | Clinical Documents | | | | |
| Neonatal Intensive Care Unit (NICU) | Clinical Documents | | | | |
| | Laboratory | | | | |
| | Imaging | | | | |
| Mental Health | Encounters | | | | |
| | Imaging | | | | |
| | Laboratory | | | | |
| | Laboratory | | | | |
| | Clinical Documents | | | | |
| Medicine and PATH | Encounters | | | | |
| | Clinical Documents | | | | |
| | Patient Contacts | | | | |
| Medical Imaging | Imaging | | | | |
| | Laboratory | | | | |
| | Conditions: Problems | | | | |
| | Clinical Documents | | | | |
| Infection Control | Laboratory | | | | |
| | Conditions: Problems | | | | |

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|---|---|---|---|---|---|---|
| | Clinical Documents | | | | | |
| Intensive Care Unit (ICU) | Clinical Documents | | | | | |
| | Laboratory | | | | | |
| | Imaging | | | | | |
| Hospitalists | Laboratory | | | | | |
| | Imaging | | | | | |
| | Clinical Documents | | | | | |
| Home Health Liaisons and QRPs | Encounters | | | | | |
| | Clinical Documents | | | | | |
| | Patient Contacts | | | | | |
| Home Health | Encounters | | | | | |
| | Laboratory | | | | | |
| | Clinical Documents | | | | | |
| Healthy Heart | Provider Contacts | | | | | |
| | Clinical Documents | | | | | |
| | Imaging | | | | | |
| | Laboratory | | | | | |
| Emergency | Laboratory | | | | | |
| | Imaging | | | | | |
| | Clinical Documents | | | | | |
| Dietitians | Encounters | | | | | |
| | Laboratory | | | | | |
| | Clinical Documents | | | | | |
| Diabetes | Provider Contacts | | | | | |
| | Clinical Documents | | | | | |

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|---|---|---|---|---|---|
| | Imaging | | | | |
| | Laboratory | | | | |
| Community Outpatient Services | Imaging | | | | |
| | Laboratory | | | | |
| | Clinical Documents | | | | |
| Cardiac Cath Lab | Imaging | | | | |
| | Laboratory | | | | |
| | Clinical Documents | | | | |
| Cardiac Care Unit | Imaging | | | | |
| | Laboratory | | | | |
| | Clinical Documents | | | | |
| Breast Health | Encounters | | | | |
| | Imaging | | | | |
| | Laboratory | | | | |
| | Clinical Documents | | | | |

## Appendix 5: Most Asked Questions from Cheat Sheets

| Types of data for each | | | |
|---|---|---|---|
| | | | |
| Clinical Documents | Imaging | Laboratory | Encounters |
| Can I view a summary of FH community information formypatient? | How do I find a patient's lab results from BCCA? | Can I see the facility a procedure was performed? | How do I see if a patient receives community care? |
| How do I find a MOST and ACP document? | How do I find a patient's lab results from BCCA? | Can I seethe facility a procedure was performed? | How do I see if a patient receives community care? |
| How do I find a MOST and ACP document? | How do I find a patient's lab results from BCCDC? | How do I find recent medical imaging results? | How do I see if a patient receives community care? |

| | | | |
|---|---|---|---|
| How do I find a MOST and ACP document? | How do I find a patient's lab results from BCCDC? | How do I find a patient's recent imaging reports? | How do I see if a patient receives community care? |
| How do I find a patient' s recent lab results? | How do I find a patient's lab results from BCCDC? | How do I find a patient's recent imagingreports? | How do I see if a patient receives community care? |
| How do I find a Psychiatric Assessmentfrom VCH? | How do I find a patient's lab results from BCCDC? | How do I find a patient's recent imagingreports? | How do I see if a patient receives community care? |
| How do I find documents from a specific hospital? | How do I find a patient's lab results? | How do I find a patients recent imagingreports? | How do I see if my client has been discharged? |
| How do I find documents from a specific hospital? | How do I find a patient's lab results? | How do I find diagnostic images and reports? | How do I see if my client has been discharged? |
| How do I find documents from a specific hospital? | How do I find a patient's lab results? | How do I find diagnostic images and reports? | How do I see if my clienthas been admitted? |
| How do I find documents from a specific hospital? | How do I find a patient's lab results? | How do I find diagnostic images and reports? | How do I see if my clienthas been admitted? |
| How do I find documents from a specific hospital? | How do I find a patient's lab results? | How do I find diagnostic images and reports? | How do I see providers involved in a patient's care? |
| How do I find documents from a specific hospital? | How do I find a patient's lab results? | How do I find diagnostic images and reports? | How do I view a patient's health care encounters? |
| How do I find documents from a specific hospital? | How do I find a patient's lab results? | How do I find diagnostic images and reports? | How do I view a patient'shealth care encounters? |
| How do I find documents from a specific hospital? | How do I find a patient's lab results? | How do I find diagnostic images and reports? | How do I view a patient'shealth care encounters? |
| How do I find documents from a specific hospital? | How do I find a patient's recent lab results? | How do I find diagnostic reports and images? | How do I view a patient'shealth care encounters? |
| How do I find documents from VCH, PHSA, & PHC? | How do I find a patient's recent lab results? | How do I find diagnostic reports created by BCCA? | |
| How do I find documents from VCH, PHSA, & PHC? | How do I find a patient's recent lab results? | How do I find diagnostic reports created by BCCA? | |
| How do I find documents from VCH, PHSA, & PHC? | How do I find a patient's recent lab results? | How do I find diagnostic reports created by BCCA? | |
| How do I find documents from VCH, PHSA, & PHC? | How do I find a patient's recent lab results? | How do I find diagnostic reports created by BCCA? | |

| | | | |
|---|---|---|---|
| How do I find documents from VCH, PHSA & PHC? | How do I find a patient's recent lab results? | How do I find diagnostic reports created by BCCA? | |
| How do I find documents from VCH, PHSA & PHC? | How do I find a patient's recent lab results? | How do I find recent medical imaging results? | |
| How do I find documents from VCH, PHSA & PHC? | How do I find a patient's recent lab results? | How do I find the most recent CT Scan? | |
| How do I find documents from VCH, PHSA & PHC? | How do I find a patient's recent lab results? | How do I find the most recent CT Scan? | |
| How do I find documents from VCH, PHSA & PHC? | How do I find a patient's recent lab results? | How do I find the most recent CT Scan? | |
| How do I find documentsfrom a specific hospital? | How do I find a patient's recent lab results? | How do I find the most recent diagnostic imaging? | |
| How do I find documentsfrom a specific hospital? | How do I find a patient's recent lab results? | How do I find the most recent diagnostic imaging? | |
| How do I find documentsfrom a specific hospital? | How do I find a patient's recent lab results? | How do I find the most recent diagnostic imaging? | |
| How do I find documentsfrom BCCA? | How do I find a patient's recent lab results? | How do I find ultrasounds from BC Women's? | |
| How do I find documentsfrom BCCW Hospitals? | How do I find a patient's recent lab results? | How do SLPsfind the MBS or VFSE exam? | |
| How do I find documentsfrom BCCW Hospitals? | How do I find a patient's recent lab results? | | |
| How do I find documentsfrom St. Paul'sHospital? | How do I find lab results From LifeLabs or BC Bio? | | |
| How do I find documentsfrom VCH, PHSA & PHC? | How do I find lab results From LifeLabs or BC Bio? | | |
| How do I find documentsfrom VCH, PHSA,& PHC? | How do I find lab results from LifeLabs or BC Bio? | | |
| How do I find familiar faces care plans? | How do I find lab results From LifeLabs or BC Bio? | | |
| How do I find familiar faces care plans? | How do I find lab results from LifeLabs or BC Bio? | | |

| | | | |
|---|---|---|---|
| How do I find familiar faces care plans? | How do I find lab results From LifeLabs or BC Bio? | | |
| How do I find Home Health initial assessments? | How do I find lab resultsFrom LifeLabs or BC Bio? | | |
| How do I find medicationsprescribed by BCCA? | How do I find lab resultsFrom LifeLabs or BC Bio? | | |
| How do I find operative reports from VCH? | How do I find lab resultsFrom LifeLabs or BC Bio? | | |
| How do I find surgicalreports from VCH? | How do I find lab resultsfrom LifeLabs or BC Bio? | | |
| How do I search for a clinical document? | How do I find lab resultsFrom LifeLabs or BC Bio? | | |
| How do I search for surgical reports? | How do I find lab resultsFrom LifeLabs or BC Bio? | | |
| How do I searchfor operative reports? | How do I find lab resultsfrom LifeLabs or BC Bio? | | |
| How do I view documents from VCH, PHSA & PHC? | How do I find lab resultsFrom LifeLabs or BC Bio? | | |
| How do I view documents from VCH, PHSA & PHC? | How do I find lab resultsFrom LifeLabs or BC Bio? | | |
| How do I view documents from VCH, PHSA & PHC? | How do I find lab resultsFrom LifeLabs or BC Bio? | | |
| How do I view documents from VCH, PHSA & PHC? | How do I find lab resultsFrom LifeLabs or BC Bio? | | |
| How do I view documents from VCH, PHSA & PHC? | How do I find lab resultsfrom LifeLabs or BC Bio? | | |
| How do I view documents from VCH, PSHA,&PHC? | How do I quickly find pathology reports? | | |
| How do I view documents from VCH, PSHA,&PHC? | How do I quickly identify abnormal lab results? | | |
| How do I view FH community care documents? | How do I quickly identify abnormal lab results? | | |
| How do I view FHcommunity documents? | How do I search for specific lab results? | | |

| | | | |
|---|---|---|---|
| How do I view Wound ManagementPlans from FH Community? | How do I search for specific lab results? | | |
| How do I view Wound ManagementPlans from FH Community? | How do I search for specific lab results? | | |
| How do I viewdocuments from VCH, PHSA & PHC? | How do I search for specific lab results? | | |
| How do I viewdocuments from VCH, PHSA & PHC? | How do I search for specific lab results? | | |
| How do I viewdocuments from VCH, PHSA, & PHC? | How do I search for specific lab results? | | |
| How do I viewFH community care documents? | How do I search for specific lab results? | | |
| How do I viewFH community documents? | How do I search for specific lab results? | | |
| How do I viewFH community documents? | How do I search for specific lab results? | | |
| How do I viewFH OT/PT community documents? | How do I search for specific lab results? | | |
| How do I viewFH, VCH, PHSA & PHCdocuments? | How do I search for specific lab results? | | |
| | How do I search for specific lab results? | | |
| | How do I search for specific labresults? | | |
| | How do I see if a test has been performed in a specific time frame? | | |

# Types of data for each continued

| Patient Contacts | Provider Contacts | Conditions: Problems |
|---|---|---|
| How do I view patient contact information? | How do I find contact information for clinicians involved in the patient's care? | Can I seeif a patient has had MRSA or VRE? |
| How do I view patient contact information? | How do I find contact information for clinicians involved in the patient's care? | Can I seeif a patient has had MRSA or VRE? |
| | How do I find contact information for clinicians involved in the patient's care? | |

| Unique | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | |

| Clinical Documents | | | Laboratory | | | Imaging | | | Encounters | |
|---|---|---|---|---|---|---|---|---|---|---|
| Can I view a summary of FH community information formypatient? | 1 | | How do I find a patient's lab results from BCCA? | 2 | | Can I see the facility a procedure was performed? | 1 | | How do I see if a patient receives community care? | 1 |
| How do I find a MOST and ACP document? | 3 | | How do I find a patient's lab results from BCCDC? | 4 | | Can I seethe facility a procedure was performed? | 1 | | How do I see if a patient receives community care? | 5 |
| How do I find a patient' s recent lab results? | 1 | | How do I find a patient's lab results? | 8 | | How do I find recent medical imaging results? | 1 | | How do I see if my client has been discharged? | 2 |
| How do I find a Psychiatric Assessmentfrom VCH? | 1 | | How do I find a patient's recent lab results? | 16 | | How do I find a patient's recent imaging reports? | 1 | | How do I see if my clienthas been admitted? | 2 |
| How do I find documents from a specific hospital? | 9 | | How do I find lab results From LifeLabs or BC Bio? | 6 | | How do I find a patient's recent imagingreports? | 2 | | How do I see providers involved in a patient's care? | 1 |
| How do I find documents from VCH, PHSA, & PHC? | 4 | | How do I find lab results from LifeLabs or BC Bio? | 6 | | How do I find a patients recent imagingreports? | 1 | | How do I view a patient's health care encounters? | 1 |
| How do I find documents from VCH, PHSA & PHC? | 5 | | How do I find lab resultsFrom LifeLabs or BC Bio? | 12 | | How do I find diagnostic images and reports? | 7 | | How do I view a patient'shealth care encounters? | 3 |
| How do I find documentsfrom a specific hospital? | 3 | | How do I find lab resultsfrom LifeLabs or BC Bio? | 12 | | How do I find diagnostic reports and images? | 1 | | | |
| How do I find documentsfrom BCCA? | 1 | | How do I quickly find pathology reports? | 1 | | How do I find diagnostic reports created by BCCA? | 5 | | | |
| How do I find documentsfrom BCCW Hospitals? | 2 | | How do I quickly identify abnormal lab results? | 2 | | How do I find recent medical imaging results? | 1 | | | |
| How do I find documentsfrom St. Paul'sHospital? | 1 | | How do I search for specific lab results? | 12 | | How do I find the most recent CT Scan? | 3 | | | |
| How do I find documentsfrom VCH, PHSA & PHC? | 1 | | | | | How do I find the most recent diagnostic imaging? | 3 | | | |
| How do I find documentsfrom VCH, PHSA,& PHC? | 1 | | | | | How do I find ultrasounds from BC Women's? | 1 | | | |
| How do I find familiar faces care plans? | 3 | | | | | How do SLPsfind the MBS or VFSE exam? | 1 | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| How do I find Home Health initial assessments? | 1 | | | | | | | |
| How do I find medicationsprescribed by BCCA? | 1 | | | | | | | |
| How do I find operative reports from VCH? | 1 | | | | | | | |
| How do I find surgicalreports from VCH? | 1 | | | | | | | |
| How do I search for a clinical document? | 1 | | | | | | | |
| How do I search for surgical reports? | 1 | | | | | | | |
| How do I searchfor operative reports? | 1 | | | | | | | |
| How do I view documents from VCH, PHSA & PHC? | 5 | | | | | | | |
| How do I view documents from VCH, PSHA,&PHC? | 2 | | | | | | | |
| How do I view FH community care documents? | 1 | | | | | | | |
| How do I view FHcommunity documents? | 1 | | | | | | | |
| How do I view Wound ManagementPlans from FH Community? | 2 | | | | | | | |
| How do I viewdocuments from VCH, PHSA & PHC? | 1 | | | | | | | |
| How do I viewdocuments from VCH, PHSA & PHC? | 1 | | | | | | | |
| How do I viewdocuments from VCH, PHSA, & PHC? | 1 | | | | | | | |
| How do I viewFH community care documents? | 1 | | | | | | | |
| How do I viewFH community documents? | 2 | | | | | | | |
| How do I viewFH OT/PT community documents? | 1 | | | | | | | |
| How do I viewFH, VCH, PHSA & PHCdocuments? | 1 | | | | | | | |

# Unique Continued

| Patient Contacts | | Provider Contacts | | Conditions: Problems | |
|---|---|---|---|---|---|
| | | | | | |

| How do I view patient contact information? | 2 | How do I find contact information for clinicians involved in the patient's care? | 3 | Can I seeif a patient has had MRSA or VRE? | 2 |
|---|---|---|---|---|---|

# Sorted

| Clinical Documents | | Laboratory | | Imaging | | Encounters | |
|---|---|---|---|---|---|---|---|
| How do I find documents from a specific hospital? | 9 | How do I find a patient's recent lab results? | 16 | How do I find diagnostic images and reports? | 7 | How do I see if a patient receives community care? | 5 |
| How do I find documents from VCH, PHSA & PHC? | 5 | How do I find lab resultsFrom LifeLabs or BC Bio? | 12 | How do I find diagnostic reports created by BCCA? | 5 | How do I view a patient'shealth care encounters? | 3 |
| How do I view documents from VCH, PHSA & PHC? | 5 | How do I find lab resultsfrom LifeLabs or BC Bio? | 12 | How do I find the most recent CT Scan? | 3 | How do I see if my client has been discharged? | 2 |
| How do I find documents from VCH, PHSA, & PHC? | 4 | How do I search for specific lab results? | 12 | How do I find the most recent diagnostic imaging? | 3 | How do I see if my clienthas been admitted? | 2 |
| How do I find a MOST and ACP document? | 3 | How do I find a patient's lab results? | 8 | How do I find a patient's recent imagingreports? | 2 | How do I see if a patient receives community care? | 1 |
| How do I find documentsfrom a specific hospital? | 3 | How do I find lab results From LifeLabs or BC Bio? | 6 | Can I see the facility a procedure was performed? | 1 | How do I see providers involved in a patient's care? | 1 |
| How do I find familiar faces care plans? | 3 | How do I find lab results from LifeLabs or BC Bio? | 6 | Can I seethe facility a procedure was performed? | 1 | How do I view a patient's health care encounters? | 1 |
| How do I find documentsfrom BCCW Hospitals? | 2 | How do I find a patient's lab results from BCCDC? | 4 | How do I find recent medical imaging results? | 1 | | |
| How do I view documents from VCH, PSHA,&PHC? | 2 | How do I find a patient's lab results from BCCA? | 2 | How do I find a patient's recent imaging reports? | 1 | | |
| How do I view Wound ManagementPlans from FH Community? | 2 | How do I quickly identify abnormal lab results? | 2 | How do I find a patients recent imagingreports? | 1 | | |
| How do I viewFH community documents? | 2 | How do I quickly find pathology reports? | 1 | How do I find diagnostic reports and images? | 1 | | |

| | | | | | | |
|---|---|---|---|---|---|---|
| Can I view a summary of FH community information formypatient? | 1 | | How do I find recent medical imaging results? | 1 | | |
| How do I find a patient' s recent lab results? | 1 | | How do I find ultrasounds from BC Women's? | 1 | | |
| How do I find a Psychiatric Assessmentfrom VCH? | 1 | | How do SLPsfind the MBS or VFSE exam? | 1 | | |
| How do I find documentsfrom BCCA? | 1 | | | | | |
| How do I find documentsfrom St. Paul'sHospital? | 1 | | | | | |
| How do I find documentsfrom VCH, PHSA & PHC? | 1 | | | | | |
| How do I find documentsfrom VCH, PHSA,& PHC? | 1 | | | | | |
| How do I find Home Health initial assessments? | 1 | | | | | |
| How do I find medicationsprescribed by BCCA? | 1 | | | | | |
| How do I find operative reports from VCH? | 1 | | | | | |
| How do I find surgicalreports from VCH? | 1 | | | | | |
| How do I search for a clinical document? | 1 | | | | | |
| How do I search for surgical reports? | 1 | | | | | |
| How do I searchfor operative reports? | 1 | | | | | |
| How do I view FH community care documents? | 1 | | | | | |
| How do I view FHcommunity documents? | 1 | | | | | |
| How do I viewdocuments from VCH, PHSA & PHC? | 1 | | | | | |
| How do I viewdocuments from VCH, PHSA & PHC? | 1 | | | | | |
| How do I viewdocuments from VCH, PHSA, & PHC? | 1 | | | | | |
| How do I viewFH community care documents? | 1 | | | | | |
| How do I viewFH OT/PT community documents? | 1 | | | | | |

| How do I viewFH, VCH, PHSA & PHCdocuments? | 1 | | | | | | | |
|---|---|---|---|---|---|---|---|---|

## Sorted continued

| Patient Contacts | | | Provider Contacts | | | Conditions: Problems | |
|---|---|---|---|---|---|---|---|
| How do I view patient contact information? | 2 | | How do I find contact information for clinicians involved in the patient's care? | 3 | | Can I seeif a patient has had MRSA or VRE? | 2 |

*Appendix 6: Final Flow Chart to Demonstrate We Addressed Most Asked*
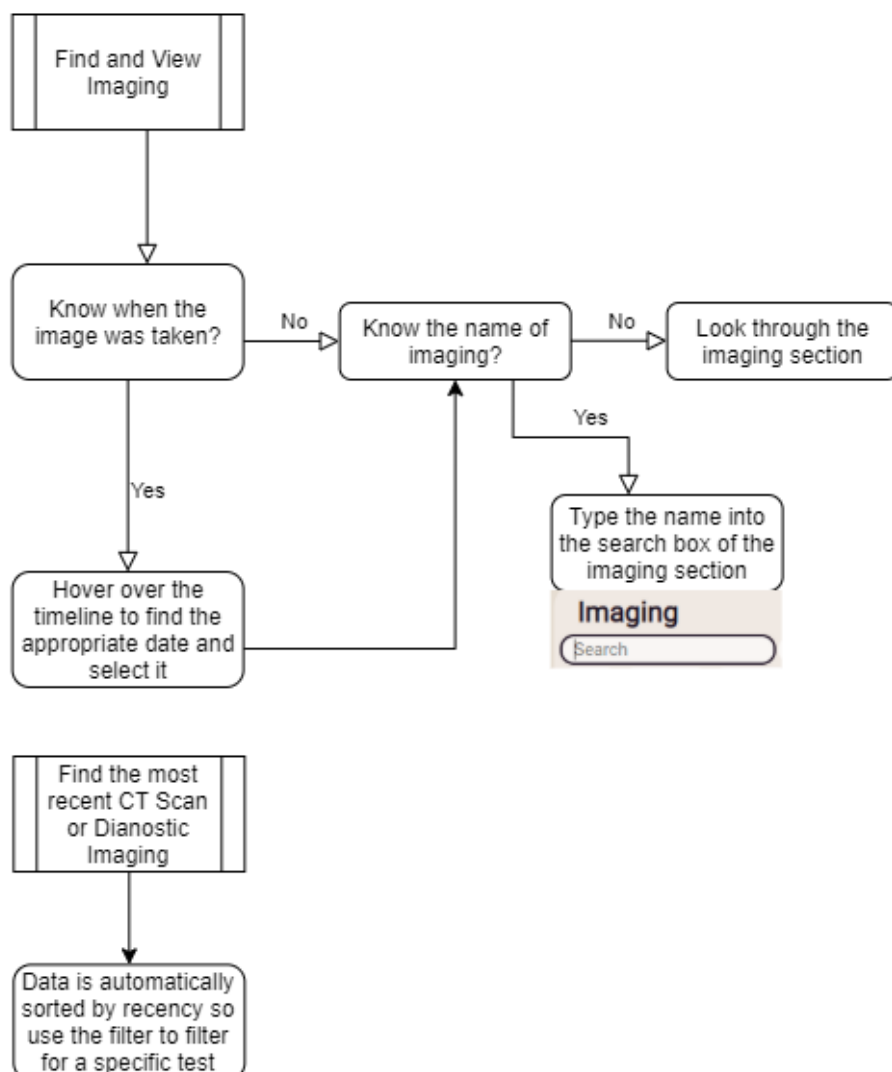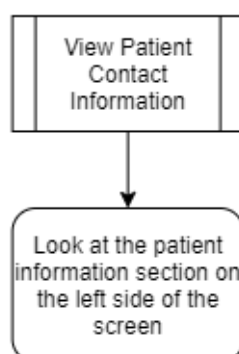
*Questions from Cheat Sheets*

# Documents

Find and View Clinical Documents from Other Hospitals

Find Clinical Documents from VCH, PHSA, & PHC

Click on the clinical documents tab

Know when the document was completed?

No → Know the name of document?

No → Look through the documents

Yes → Type the name into the search box of the clinical documents section

Yes → Hover over the timeline to find the appropriate date and select it

Find and View Documents from a Specific Hospital

Find and View Documents a Specific Document

Click on the clinical documents tab

Know when the document was completed?

No → Know the name of document?

No → Look through the documents

Yes → Type the name into the search box of the clinical documents section

Yes → Hover over the timeline to find the appropriate date and select it

# Laboratory Test

# Imaging

Find and View Imaging

Know when the image was taken?

→ No → Know the name of imaging? → No → Look through the imaging section

Yes ↓

Hover over the timeline to find the appropriate date and select it

Yes ↓

Type the name into the search box of the imaging section

**Imaging**
Search

---

Find the most recent CT Scan or Dianostic Imaging

↓

Data is automatically sorted by recency so use the filter to filter for a specific test

# Contact

View Patient Contact Information

↓

Look at the patient information section on the left side of the screen

## Appendix 7: Aggregated feedback from System Optimization

### USER 1

*What I like:*

- WEB Platform (centralized, work from everywhere, compatible with any device, scalable…..)
- Flexibility of Overview page. Capability to expand or collapse, flag or see details.
- Patient journey functionality. Capability to see details for a point in time.
- Capability to add a note.
- Navigation using keys
- Capability of highlighting results higher than normal

*What I don't like:*

- Colors used doesn't work for me
- While I like the idea of patient journey, I don't like the way it was implemented, colors, categories and location
- I don't like Tabs idea and functionality. I would replace tabs with pop-up windows and move patient journey bar on the top.
- Clinical Document: What if you have hundreds of pages? I would have links to documents and pop-up windows to see it. A search function would be nice.
- Patient Journey bar is visible on al tabs even if it has not functionality on the tab.
- Web page is not resizing. On my laptop screen there was no way to see the complete window.

### USER 2

*Left panel*

- No hierarchy between title & result – this makes it hard to skim for important information. Additionally, no hierarchy between result & time period (ex. Dietary Restrictions: Sodium restricted 2gm a month ago)
- No indications for empty states – ex. current medications or allergies, might be best to display "N/A", otherwise I expected to click on titles for expansion
- Lack of contrast causes difficulty seeing items - unable to see "new note here" and its text box clearly due to lack of contrast between the panel background and the purple text/textbox colour
- "New note here" title is ambiguous – user might not know action to expect: do they type? Is this where I go to see new notes? Is there where I click to possibly upload a file? Perhaps add "type new note here" to signify the affordance of typing.
- Gestalt principles: items grouped together are perceived as a single figure -> if "add to patient notes" and "type new note here" are meant to be a single function, currently doesn't immediately come across as so. Both have their own purple backgrounds that are separated by at least 10 pixels from one another; suggestions: making "add to patient notes" a button so users know that

they can press on it + place it in the "new note here" square, so users understand that this is the follow up action after typing a new note.

- Patient notes priority: what is the priority of action? Letting the doctor know that there are no notes OR getting them to add a new note? If the priority is informing them of the existing status first, "no notes" should appear right after the heading.

## Top Tabbed Navigation

- Unselected tabs should be clearly visible and readable – suggest that the current contrast be checked, a little difficult to see. UI: may want to increase height of tab to give more breathing room, but this is not a priority.
- Tabs are faded too much into the background, as such there is a risk that users will not discover/click on them/assume they are disabled tabs.

## Timeline

- Consider adding a heading at the bottom to indicate that this is a timeline to first-time users – immediately takes away ambiguity and hastens understanding for all users
- UX question: is there a function that allows the user to measure time between 2 points instead of hovering over tabs and having to do math themselves? E.g. From Surgery until the last Room Change, how much time has elapsed?
- UX question: Timeline starts with "0 day gap", what is the UX significance of this? Why not start off with just emergency?
- Beginning of timeline has a shape that seems to suggest that there was another item before it, consider filling the space between top left and bottom left corners to indicate that this is the START of the timeline.
- A lengthy timeline means scrolling the dashboard horizontally on top of existing needs for a vertical scroll. Consider designing the timeline like a google pages component where only beginning, end, and a couple of items are shown, and include an option to expand timeline. This helps the orientate the user as well to their position and what to expect.
- In trying to understand the "Showing items before _____" function, I was so concentrated on seeing changes in the timeline that I didn't realize the changes were in fact happening in the dashboard above. If possible, the team should consider changing wording so that the user knows exactly what to expect and WHERE since there are multiple things going on all at once (ex. Show dashboard items before _____)

## Main Space – Clinical Documents

- Titles are clear through PDF previews, but dates are tiny. Assuming that patients might undergo the same test multiple times over their treatment period, consider showing the dates largely and clearly above or overlain on the top right-hand corner of the document to help physicians quickly filter through information.
- What happens if there are a plethora of clinical documents, how do users sort through them?
- Is there a way that users can expand documents without having to download? This will help save user time and not break the userflow by ejecting their focus from the dashboard.

*Main Space – Work Space & Details*

- Main heading inside Work Space Tab is labelled "Details" – this can be easily confused with the Details Tab, thus mixing up context
- UX question: are we missing a value-add here if I cannot see the details of my flagged items simultaneously since the Details Tab only allows for one card to be viewed at a time?
- Easily misunderstood command ->"Details Tab: select a card from the overview tab" – Communicate that users must actually click the "DETAILS tag" on the card rather than select the card itself which merely expands or collapses. Spent a while clicking and being confused before realizing.

*Main Space - Overview*

- Missing changes in button state after action - if "flagging" is meant to express "important to view later", consider adding a stronger indicator that items have already been activated rather than just having the button text change to "unflag".
- Black border to indicate card has been flagged – a black border I would argue isn't strong enough because everything on this dashboard is already is black and white. It could be because: the black border appears on the right whereas the red border is to the left. As the red is more eye catching, my mental model already understood that borders assumedly were meant to show up on the left. Consider making this placing consistent by stacking borders on top of one another like colour tabs. Also consider that the eye reads left to right. Items placed on the right have an increased change of being missed.
- UX question: Will doctors know right away what the colour red on cards mean or is a legend needed?
- Gestalt principles: proximity, items tend to be grouped together by users if they are close to each other. Despite low shape similarity, consider adding space between the actual content cards and the keyword tags/filters, so that users don't get confused by a huge bundle up top.
- Missing hierarchy in card text – what information is important? Separate dates from actual content by considering weight, form, and colour of text
- Consider increasing contrast between cards and overview background, currently both a light cream colour, when screen brightness is lowered, difficult to tell where the cards start and end
- If we click on details, it leads you right to the details tab, however if a user clicks on "# of notes", nothing changes except for a little button that appears in the top right corner denoting "unselect" -> when I click on this, it unselects the card but doesn't accomplish my expectation of seeing the note. Consider programming this button so that it also leads right to the details tab, that way users are rewarded with an action they expect right after they perform a click.

## USER 3

- Very informative
- I like the search bar which uses fuzzy-search for Lab, Imaging and Other.
- I like the Pressing ctrl + alt and 1, 2 or 3 which will allow them to switch patients (is it possible to have a search function to look for patients, IE meditech health care information system?)
- Bottom timeline at Room Change Is it possible to show the location Mnemonic?

- Can't fit everything in the laptop screen. Is it possible to adjust the aspect ratio or optimize for different resolutions/aspect ratios?
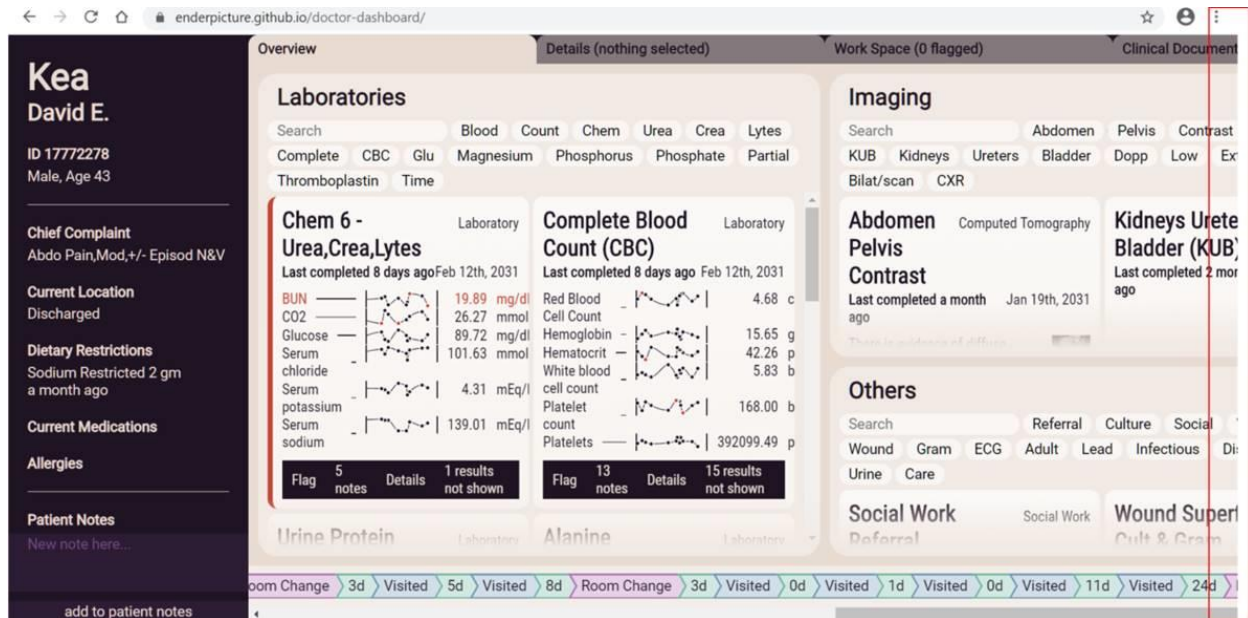


## USER 4

- There is a lot going on, can be very overwhelming at first glance.
- I like how the tabs in the workspace collapse when selected on and then the rest of the page adjusts
- Tabs at the bottom, 0d, emergency tabs have colours but what is the purpose of those colours? Value? (other than emergency)
- Why is there a now tab that follows? More simple option if available, maybe bold the font when on a selected tab
- Patient notes is good option but maybe expand it size, very small
- Tabs at the top (overview, details, work space, clinical document) allows for easy break down of the page
  - Font size is similar size to header size, causes clashing
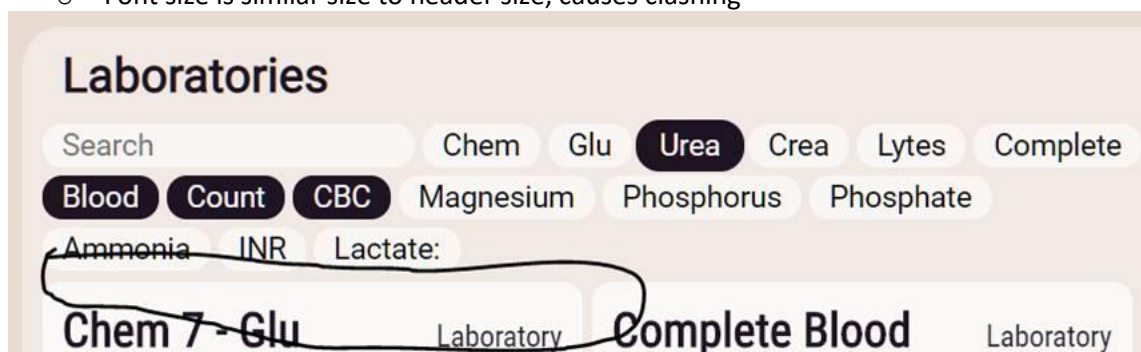


- Add more white space and maybe have a different shade of the same colour

- Good contrast when buttons are selected
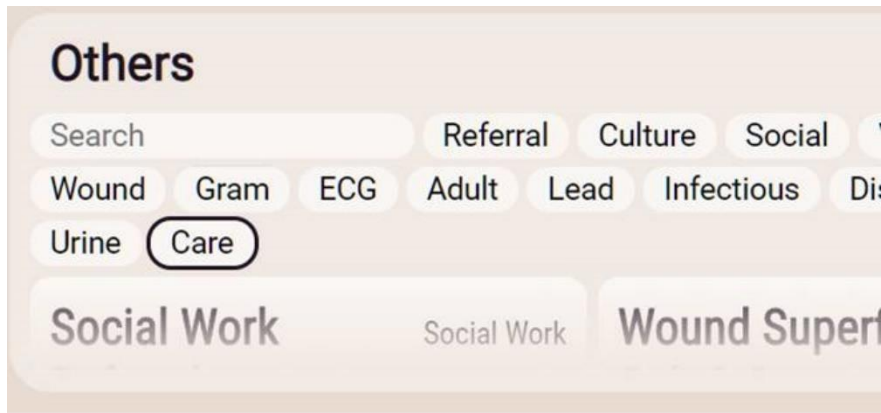


- Small space, can't really see what I'm looking at when scrolling
- I really like the clinical document, shows the physical reports, all of them