

# UPDATED WIREFRAME

## Delirium Group 1

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# HOME SCREEN

- We changed the color of the dementia checklist button to red to match color schemes in EHRs where red is usually used to point out something that needs attention.
- We also added the patient information to the top of the screen (as well as all other screens) so the provider easily can see whose information they are looking at.

Delirium Dashboard

Patient Info

Medications

Medical History

Observations

Differential Diagnosis

**Patient Name** Female, 70 yrs old DOB: 11/03/53 MRN: 999999

Medications

Medicatio	Dose	Frequenc	Active?
<a href="#">Levothyroxin</a>	75mc	1x/day	<input checked="" type="checkbox"/>
<a href="#">Oxycodone</a>	15mg	1x/day	<input type="checkbox"/>
<a href="#">Pramipexole</a>	5mg	3x/day	<input checked="" type="checkbox"/>
<a href="#">Lorazepam</a>	1.5 mg	every 8hrs	<input type="checkbox"/>
(+)			

Medical History

Title	Date	Category
<a href="#">Sepsis</a>	2-2-23	Diagnosis
<a href="#">CT Scan</a>	2-2-23	Imaging
<a href="#">Lipids Panel</a>	2-1-23	Blood Work
(+)		

Possible Diagnoses

Conditio	Ruled Out	Differential Detail
Depression	<input checked="" type="checkbox"/>	<div>Summary</div>
Infection	<input checked="" type="checkbox"/>	<div>Summary</div>
Dementia	<input type="checkbox"/>	<div>Checklist</div>
(+)		

Observations

Date	Title	Details
2/2/23	Physical Exam	<div>Details</div>
2/3/23	Vital Signs	<div>Details</div>
2/3/23	Blood Work	<div>Details</div>
2/4/23	Agitation Increase	<div>Details</div>
2/6/23	Cognitive Improvement	<div>Details</div>
(+)		

# HOME SCREEN: WITH POP-UP ALERT

- We added pop-up alerts that are important for clinicians to review. These would be things such as:
  - tasks that need to be completed
  - vitals related to delirium that might be at dangerous levels
  - assessment that came back out of range
- We are using pop-up alerts with the intention of grabbing the clinician's attention as soon as they open the app, instead of having them browse through multiple screens before possibly finding important updates or reminders.

Delirium Dashboard

Patient Info
Medications
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Observations
Differential Diagnosis

**Patient Name** Female, 70yrs old    DOB: 11/03/53    MRN: 999999

### Medications

Medication	Dose	Frequency	Active?
<a href="#">Levothyroxin</a>	75mc	1x/day	<input checked="" type="checkbox"/>
<a href="#">Oxycontin</a>	5mg		
<a href="#">Pramipexole</a>	5mg		
<a href="#">Lorazepam</a>	1.5mg		

### Medical History

Title	Date	Category
<a href="#">Sepsis</a>	2-2-23	Diagnosis
		Imaging
		Blood Work

### Possible Diagnoses

Condition	Ruled Out
Depression	<input checked="" type="checkbox"/>
Infection	<input checked="" type="checkbox"/>
Dementia	<input type="checkbox"/>

### Observations

Date	Vital Signs
2/3/23	Vital Signs
2/3/23	Blood Work
2/4/23	Agitation Increase
2/6/23	Cognitive Improvement

Summary

Checklist

Details

Details

Details

Details

Details

Delirium Alert

Abnormal lab result needs review

View Details

Close



- We added extra information about the selected medication to help clinicians make informed decisions
- We wanted to prevent the clinician from needing to go to a different screen for that extra information because that could potentially cause them to lose track of the task they were working on.

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Delirium Dashboard

Patient Info

Medications

Medical History

Observations

Differential Diagnosis

+

Patient Name

Female, 70yrs old

DOB: 11/03/53

MRN: 999999

Medication List

Medication	Strength	Start	Stop
Levothyroxine	75mcg	2/17/13	
Oxycodone	15mg	11/02/21	2/4/23
Pramipexole	5mg	2/2/23	
Lorazepam	1.5mg	10/25/21	2/4/23

+

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Medication Details

Levothyroxine

Last Dose:

Administered by:

Frequency:

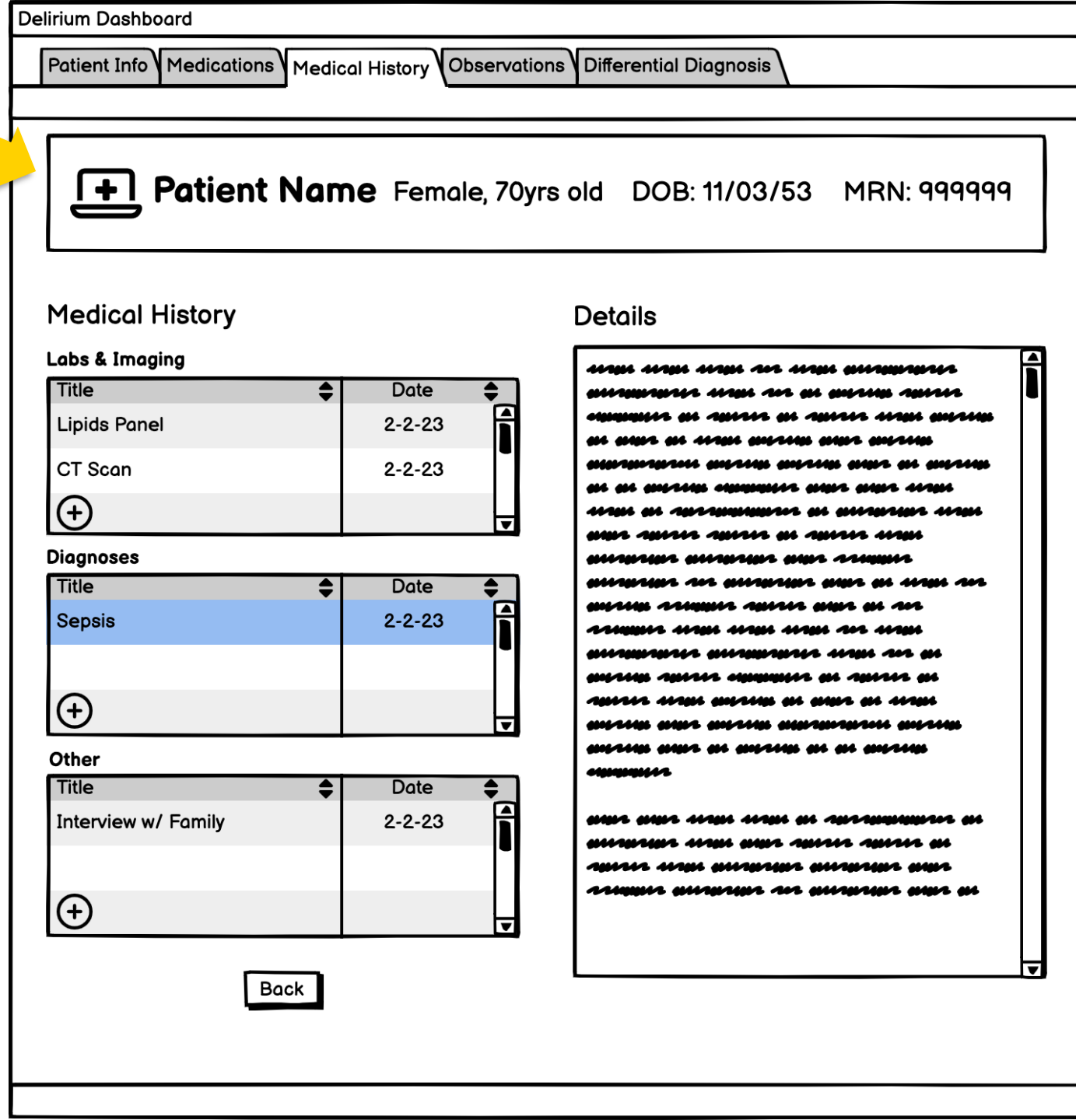
Status: Active

Notes

Levothyroxine Information

Levothyroxine and Delirium

- The only change on this page is that we added the patient's information at the top of the screen (as well as on all other screens) to inform clinicians whose information they are looking at.



- We added a section for mental status assessments on this screen because we felt it was missing, but necessary for clinicians to properly assess the patient.

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# DIFFERENTIAL DIAGNOSIS:

## RULED OUT DIAGNOSIS

- We switched the color for the “Diagnosis Ruled Out” indicator from red to green to better match the colors used in EHR systems that use green to indicate something is resolved and no longer needs attention.

Delirium Dashboard

Patient InfoMedicationsMedical HistoryObservationsDifferential Diagnosis

+ Patient Name Female, 70yrs old DOB: 11/03/53 MRN: 999999

Possible Diagnoses

Condition	Ruled Out?
Sepsis	<input checked="" type="checkbox"/>
Depression	<input checked="" type="checkbox"/>
Dementia	<input type="checkbox"/>
(+)	

Workup Items

Depression

Exam	Completed?	Result
Physical Exam	<input checked="" type="checkbox"/>	Normal
Blood Work	<input checked="" type="checkbox"/>	Normal
Psych Eval	<input checked="" type="checkbox"/>	Normal

Notes

[Placeholder text for notes]

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Diagnosis Ruled Out