DaVita MCoE

UI/UX Review – Falcon Physician iPad (Live Production v44.1)

January 22, 2016

DaVita.

Contents

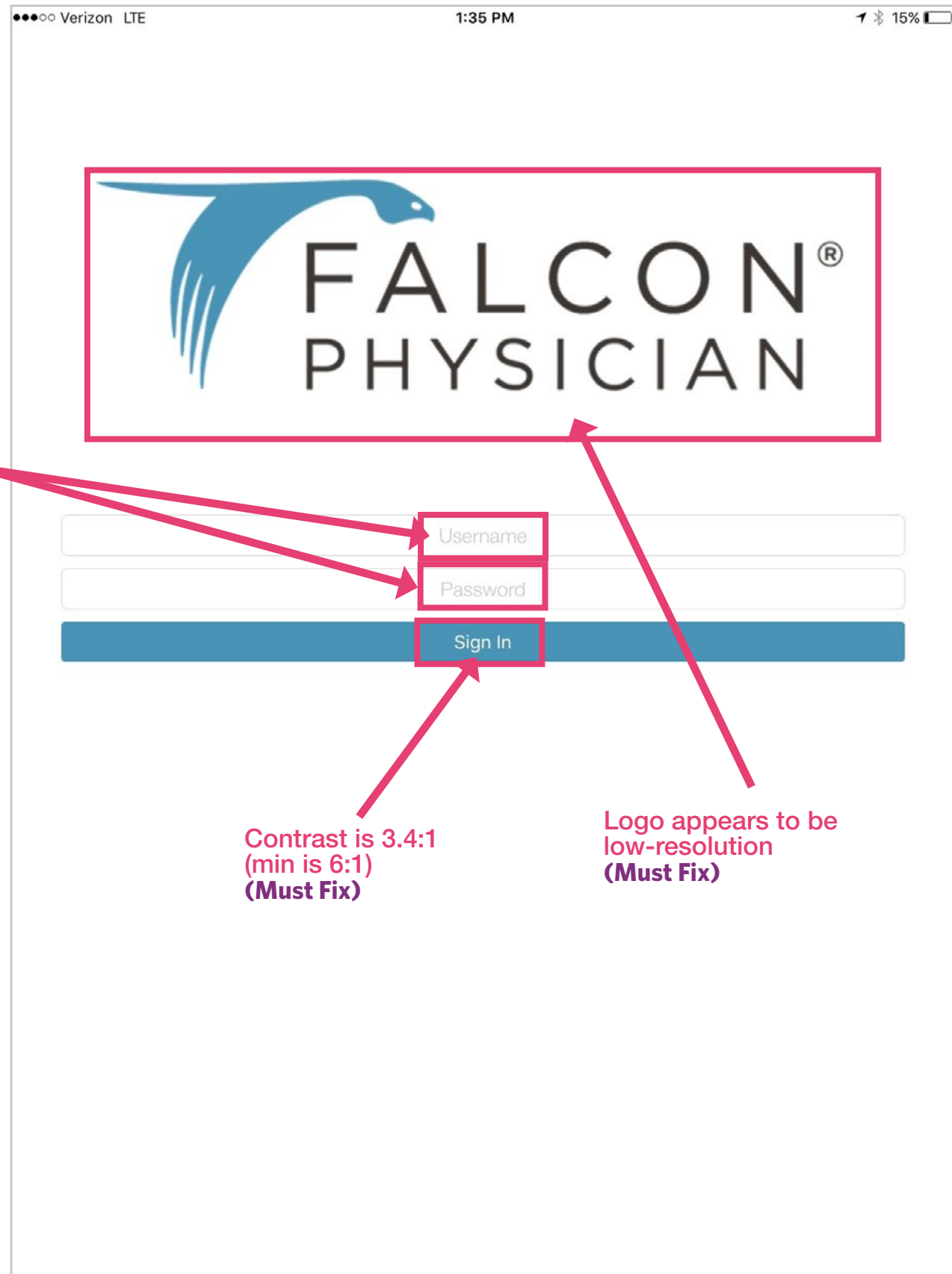# Global Findings

1. **Screens are slow to load** – loading indicator appears often and slows down interaction. Could be a major usability burden when used by physicians in a fast-pasted environment **(Must Fix)**

2. **Portrait mode not supported** – users expect iPad apps to function in both portrait & landscape orientations **(Must Fix)**

3. **Inconsistent use of font styles & sizes** – should have rules and be consistent throughout. **(Highly Recommended)**

4. **Accessibility of text/button labels** – contrast ratios of text in many areas are below the minimum required contrast ratio. **(Must Fix)**

Falcon Physician 17+
Falcon, LLC >

Details   Reviews   Related

What's New
Jan 8, 2016

Bug fixes and enhancements

Information

|	
Seller	DVA Renal Healthcare, inc
Category	Business
Updated	Jan 8, 2016
Version	44.1
Size	7.8 MB
Rating	Rated 17+ for the following: Frequent/Intense Medical/Treatment Information
Family Sharing	Yes
Compatibility	Requires iOS 7.0 or later. Compatible with iPhone, iPad, and iPod touch.
Languages	English

UI/UX Review
Sign In Screen

Contrast is 1.7:1 (min is 6:1 or match Apple at 3.3:1) (Must Fix)

Contrast is 3.4:1 (min is 6:1) (Must Fix)

Logo appears to be low-resolution (Must Fix)

UI/UX Review
Landing Screen
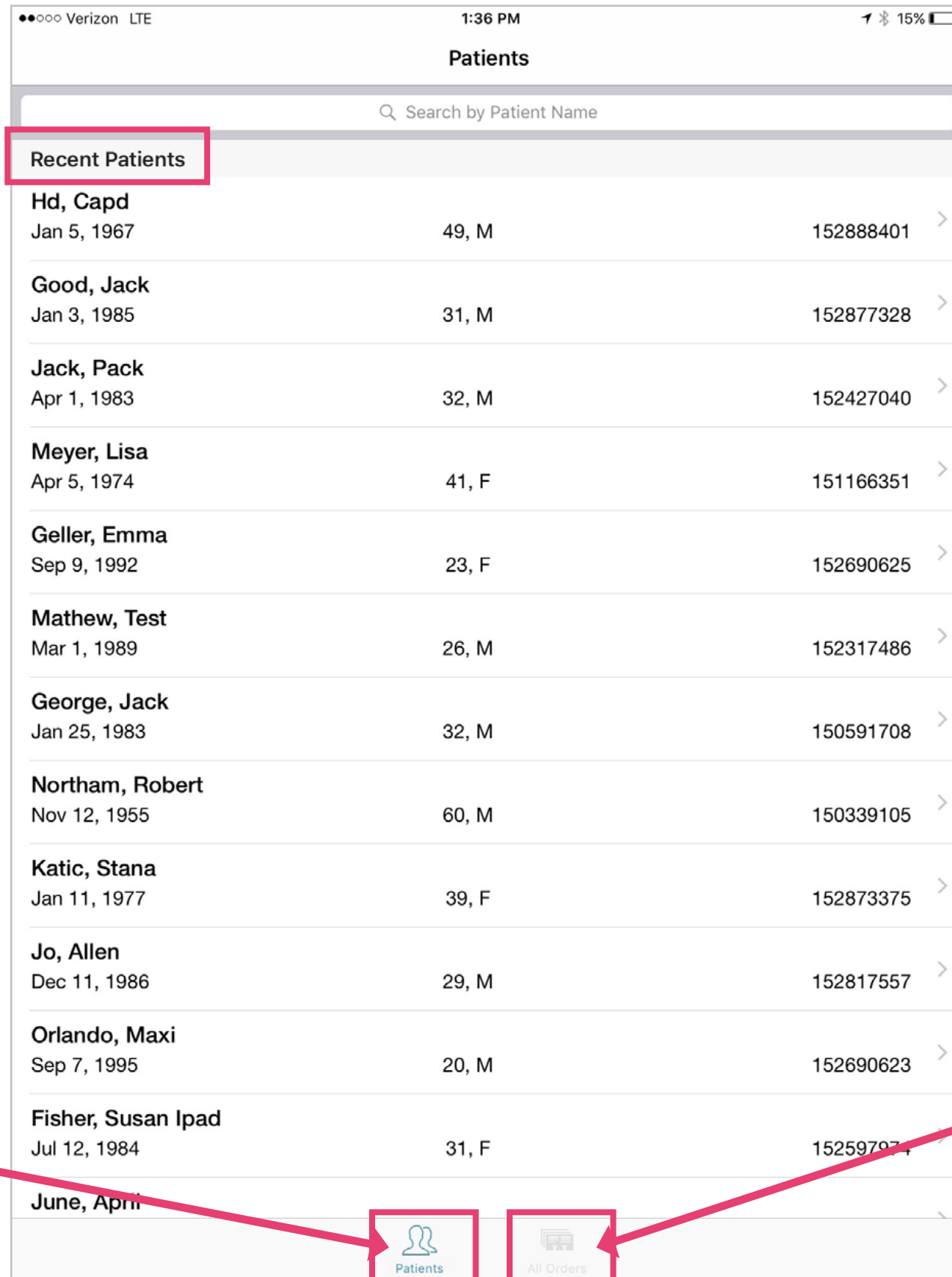
Only shows recent patients by default; relies on searching to find all patients; suggest using search as a shortcut only. **(Recommended)**

Contrast is 3.3:1 (min is 6:1) **(Must Fix)**

Navigation tab is disabled; instead, should always be active and have a designed "empty state." **(Must Fix)**

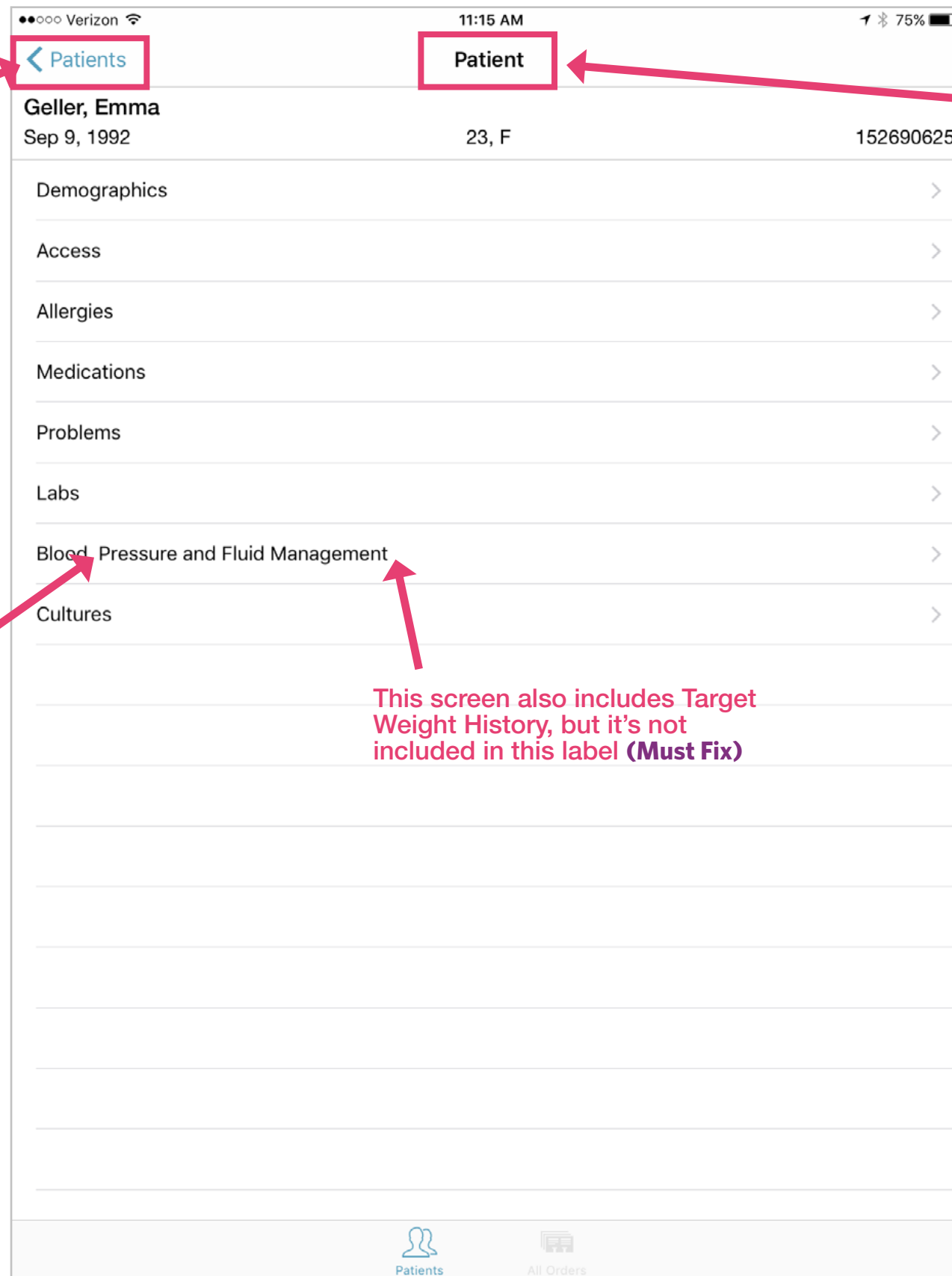Contrast is 1.3:1 (min is 6:1) **(Must Fix)**

UI/UX Review

Patient Landing

Suggest Patient Name go here instead of the left to make better use of header area (Highly Recommended)

Contrast is 3.3:1 (min is 6:1) (Must Fix)

Extra space between "Blood" and "Pressure" (Must Fix)

This screen also includes Target Weight History, but it's not included in this label (Must Fix)

Screen contents:

●●○○○ Verizon 🛜   11:15 AM   ⬈ ⁎ 75% ▮▭

‹ Patients   **Patient**

Geller, Emma
Sep 9, 1992   23, F   152690625

Demographics	›
Access	›
Allergies	›
Medications	›
Problems	›
Labs	›
Blood Pressure and Fluid Management	›
Cultures	›

Patients   All Orders
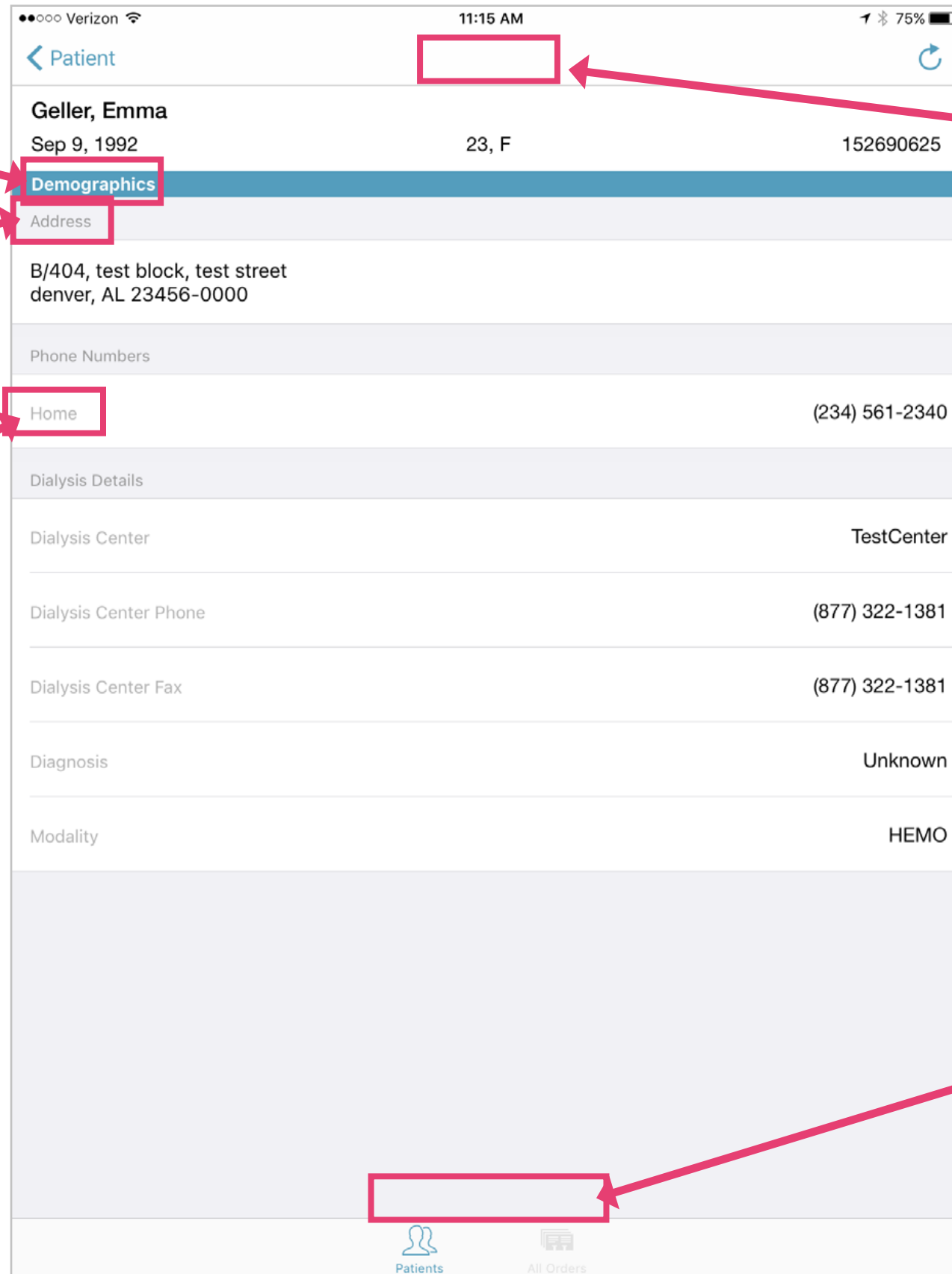
UI/UX Review

Patient Details: Demographics

Contrast is 3.3:1 (min is 6:1) (Must Fix)

Contrast is 3.1:1 (min is 6:1) (Must Fix)

Contrast is 2.5:1 (min is 6:1 or match Apple at 3.3:1) (Must Fix)

For all Patient Details screens, can name of data set go here (i.e. "Demographics") instead of as part of the table below? Perhaps re-think how both Patient Name & specific Detail view work together to make it as scannable, or as easily decipherable, as possible. (Highly Recommended)
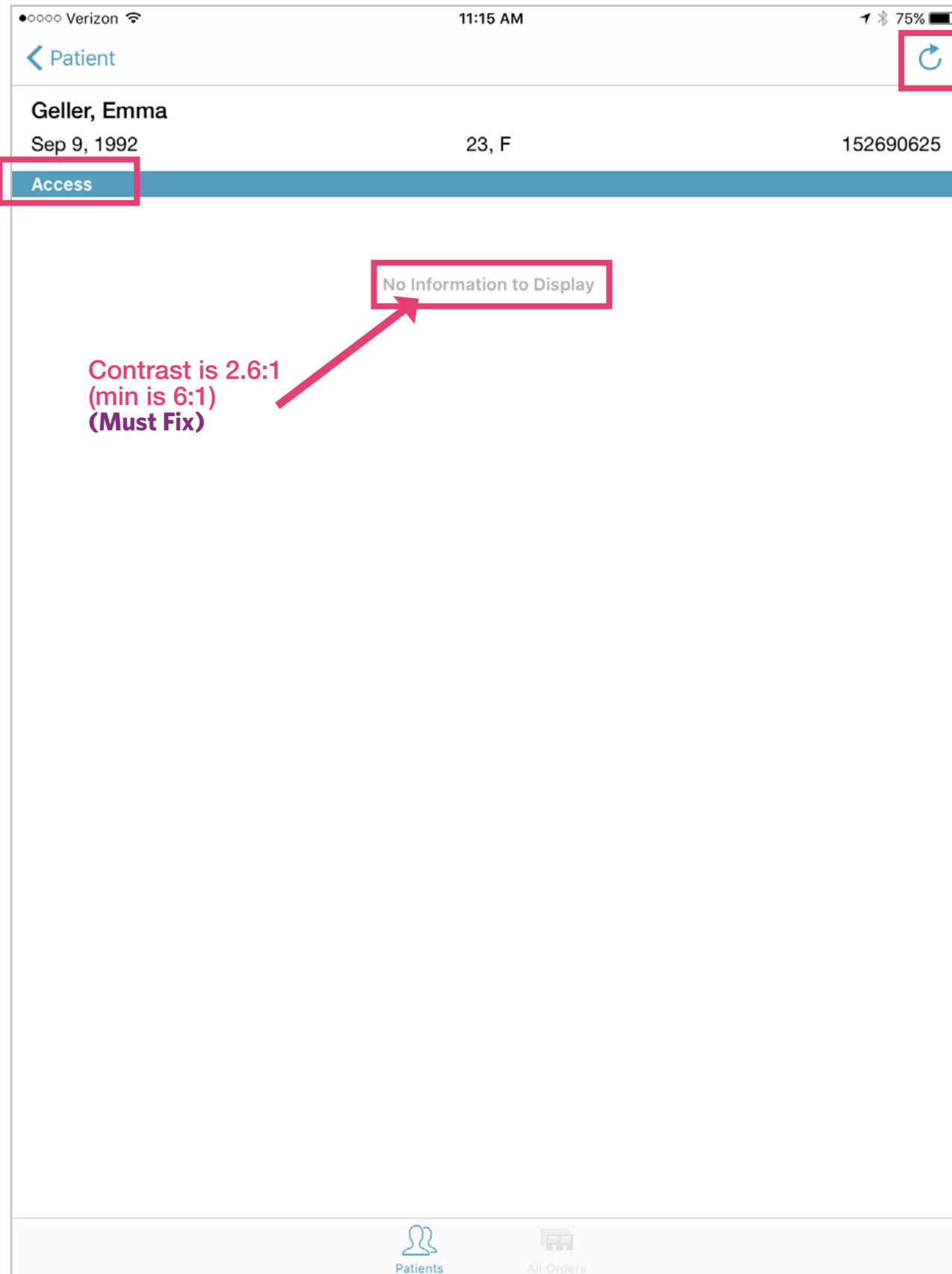
The Patient Details views are paginated, but there's no indication. Suggest incorporating pagination element. (Highly Recommended)

App screen content:

●●○○○ Verizon 🛜   11:15 AM   ✈ ✻ 75% ▬

‹ Patient   ↻

Geller, Emma
Sep 9, 1992   23, F   152690625

Demographics

Address

B/404, test block, test street
denver, AL 23456-0000

Phone Numbers

Home   (234) 561-2340

Dialysis Details

Dialysis Center   TestCenter

Dialysis Center Phone   (877) 322-1381

Dialysis Center Fax   (877) 322-1381

Diagnosis   Unknown

Modality   HEMO

Patients   All Orders

UI/UX Review

Patient Details: Access

See note earlier
in document

This interaction (refresh
button) is a bit out-of-
date. Suggest using
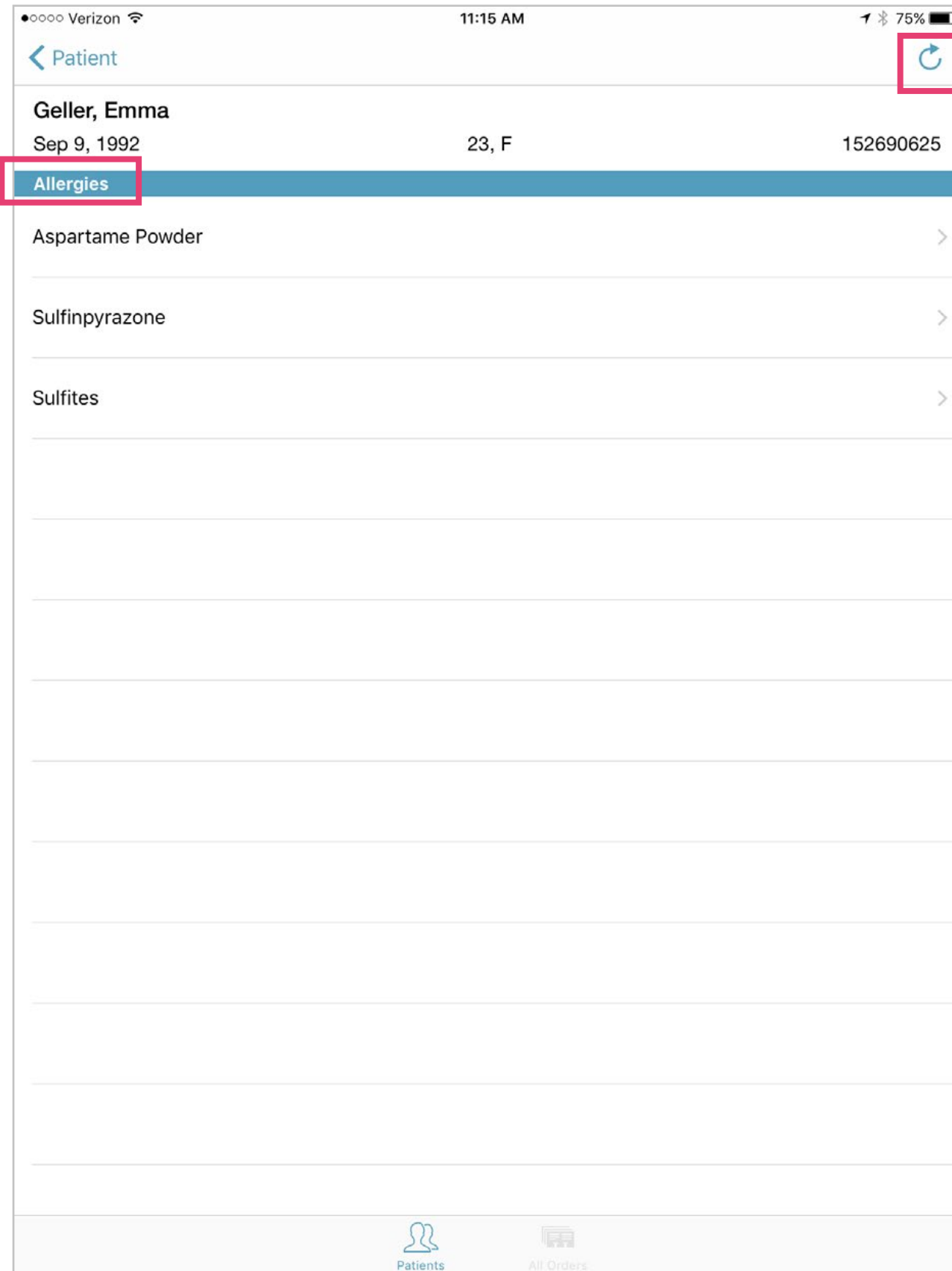pull-to-refresh instead
(Highly Recommended)

Contrast is 2.6:1
(min is 6:1)
(Must Fix)

●○○○○ Verizon 📶   11:15 AM   ⬆ ⚹ 75% 🔋

‹ Patient   ↻

Geller, Emma

Sep 9, 1992   23, F   152690625

Access

No Information to Display

Patients   All Orders

UI/UX Review

Patient Details: Allergies

See note earlier
in document

See note earlier
in document

UI/UX Review

Patient Details: Allergy Details

Can this say "Allergies" to indicate this back button returns to Allergy list?
(Recommended)

Can the name of the allergy reside here instead of in list?
(Recommended)

Contrast is 2.5:1 (min is 6:1 or match Apple at 3.3:1)
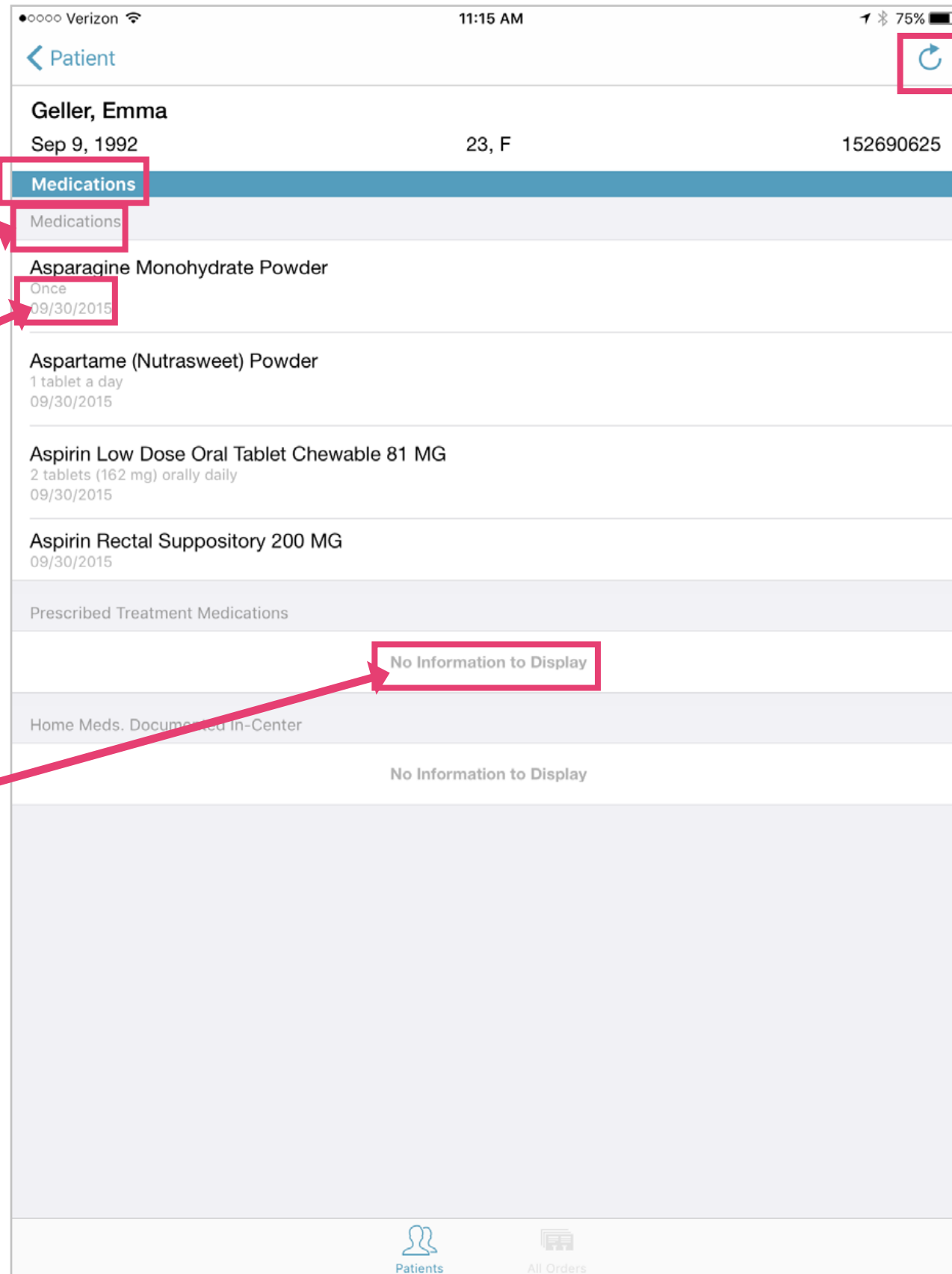**(Must Fix)**

●○○○○ Verizon 🌐   11:15 AM   ⬈ ✳ 75% ▮▮

< Back   **Allergy**

Allergy   Aspartame Powder

Type   Medication

Severity   Not Entered

Data Source   Patient
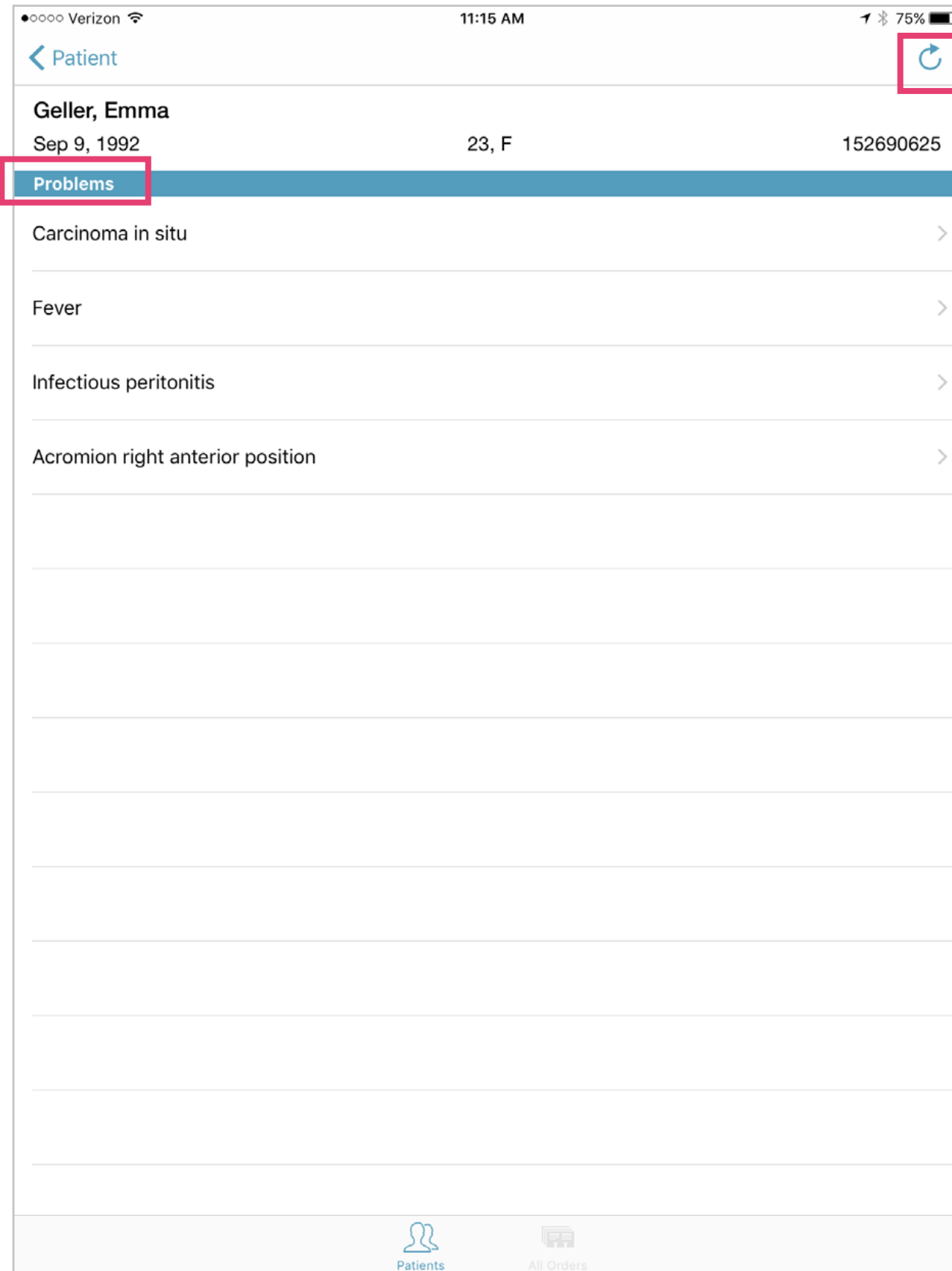
Patients   All Orders
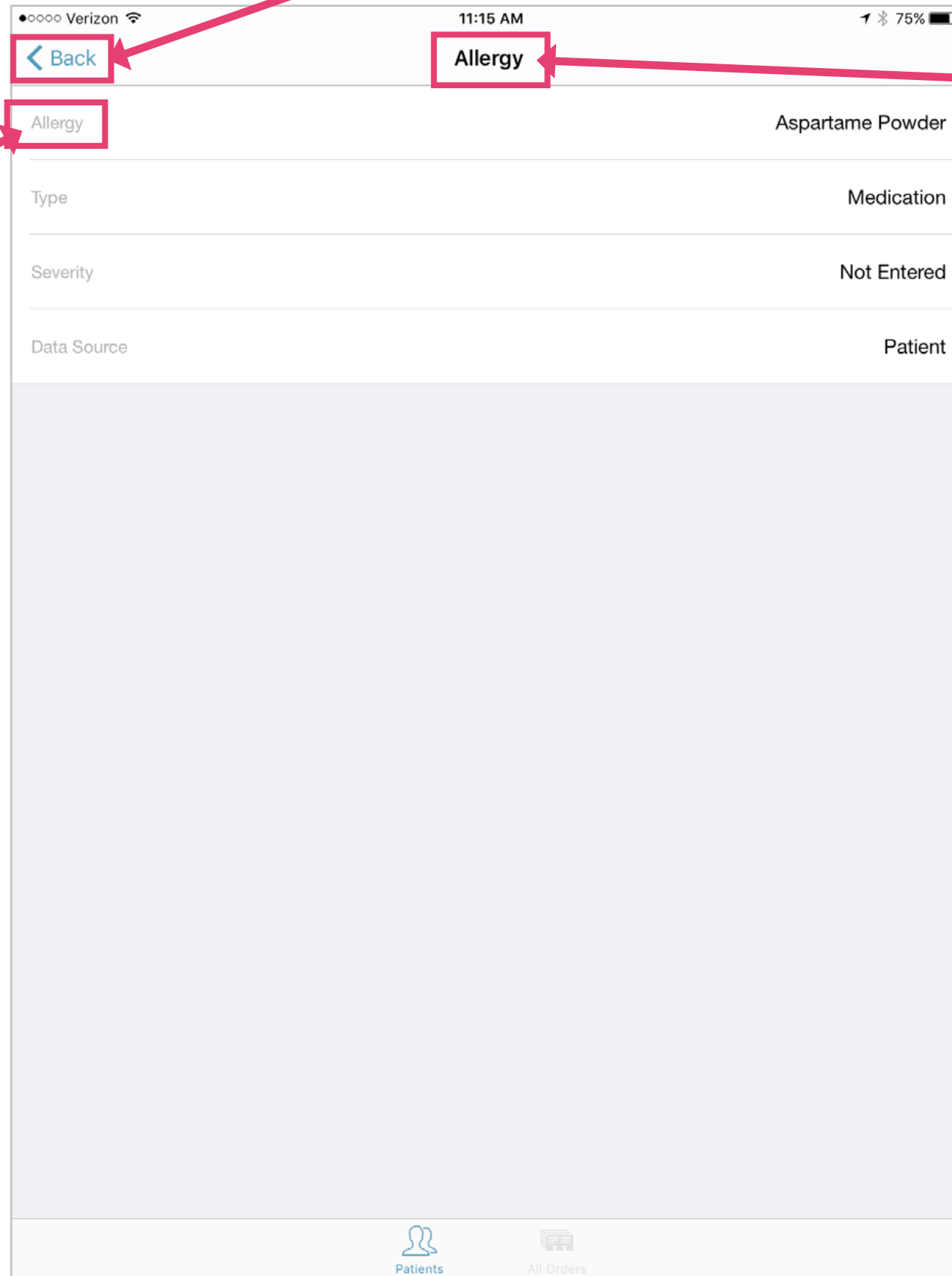
UI/UX Review

Patient Details: Meds

UI/UX Review
Patient Details: Problems

See note earlier
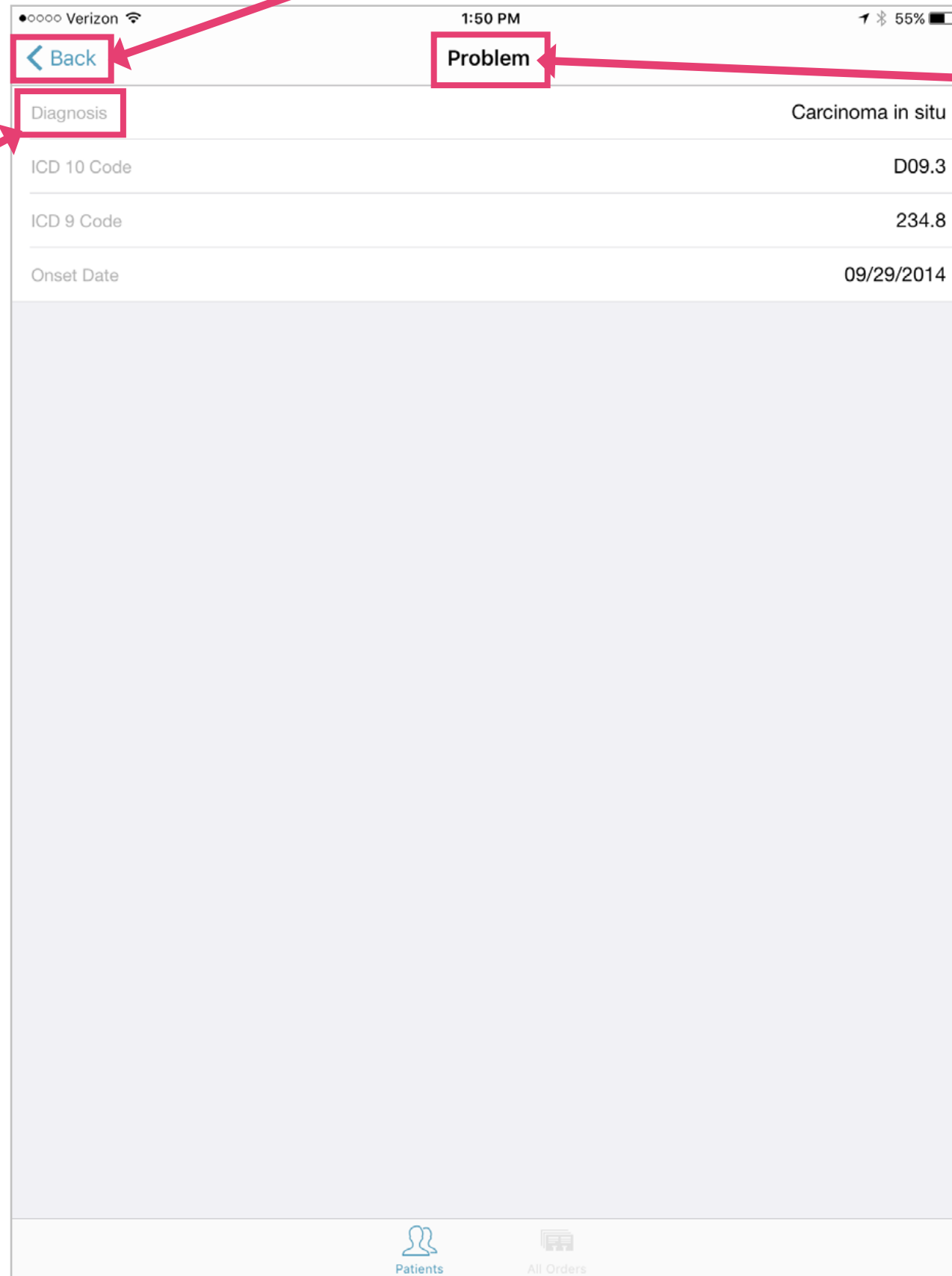in document

See note earlier
in document

UI/UX Review

Patient Details: Problem Details

Can this say "Problems" to indicate this back button returns to Allergy list? **(Recommended)**

Can the name of the problem reside here instead of in list? **(Recommended)**

See note earlier in document

●○○○○ Verizon 🛜   1:50 PM   🢥 ✲ 55% ▬▬

‹ Back   **Problem**

Diagnosis   Carcinoma in situ

ICD 10 Code   D09.3

ICD 9 Code   234.8

Onset Date   09/29/2014

Patients   All Orders

UI/UX Review
Patient Details: Labs (refresh bug)
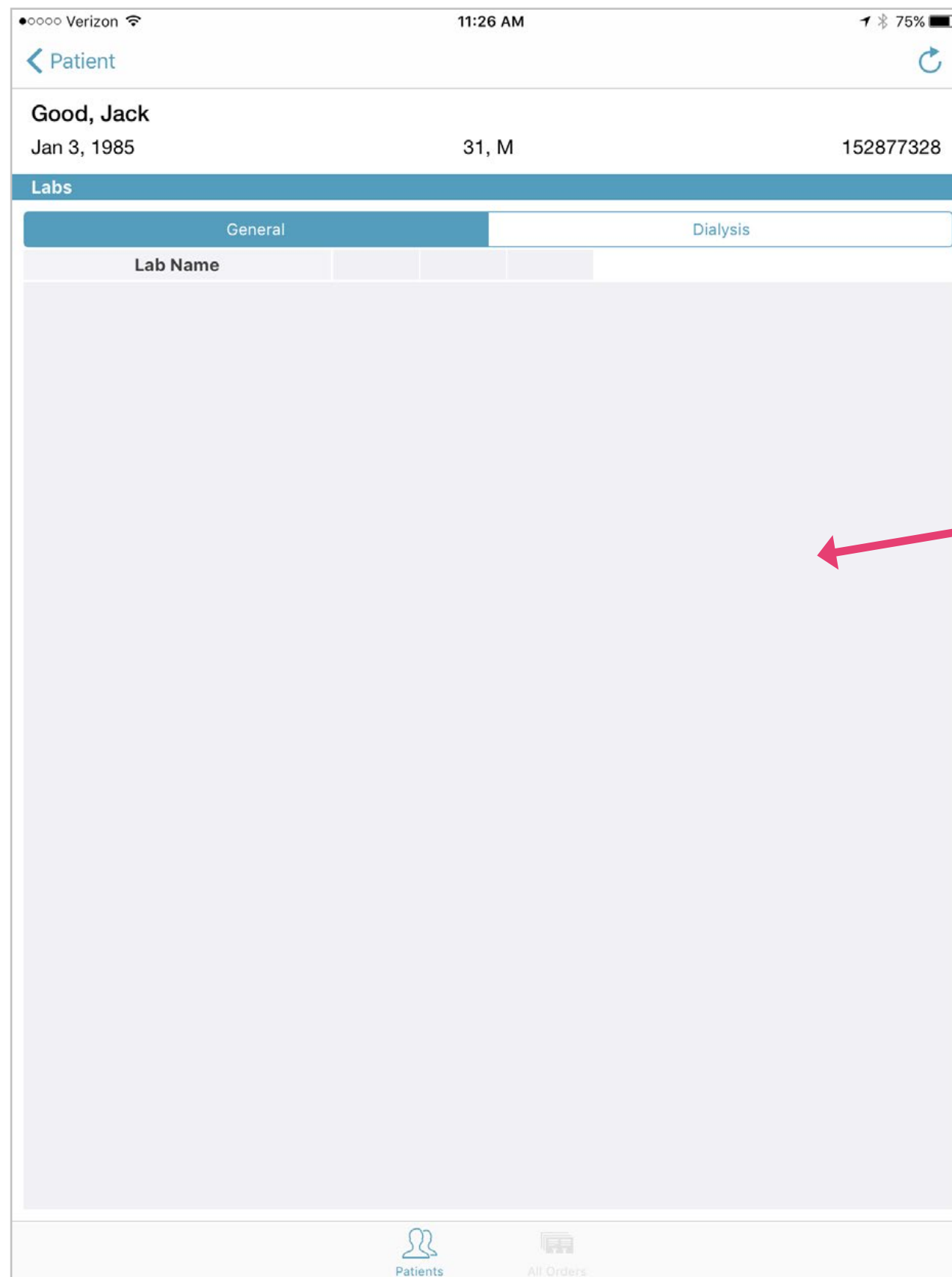
Appears to be a bug here – upon first loading this screen, it appeared like this. When I tapped the Refresh button, it then seemed to load correctly. The bug did not recur the second time I navigated to this screen.
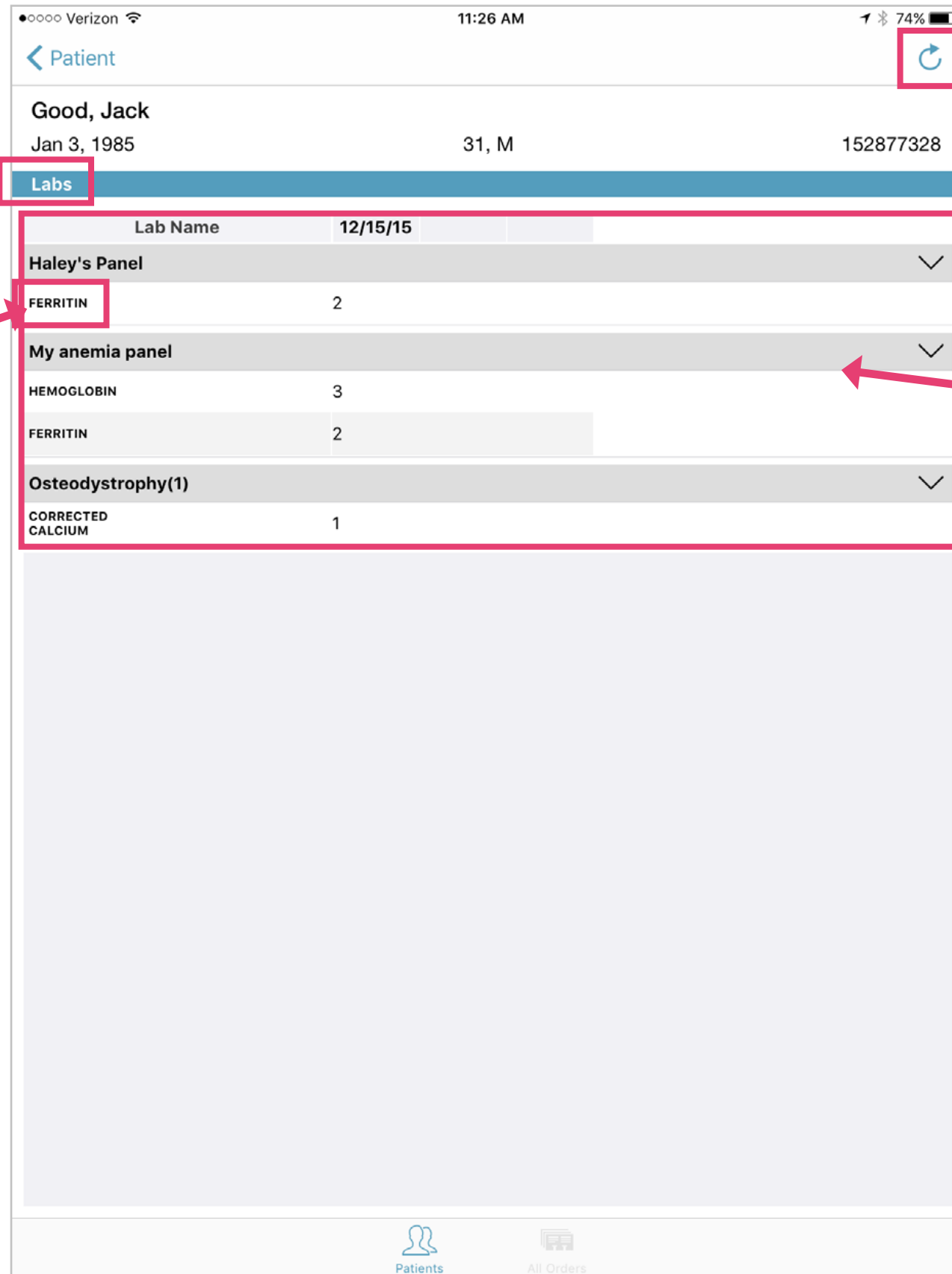**(Must Fix)**

UI/UX Review
Patient Details: Labs

See note earlier in document

Text size & styling different here than elsewhere in the app (Highly Recommended)

See note earlier in document

**Would suggest re-thinking the design for Labs Data, i.e. shading, styling, expand/collapse interaction, size of touch targets, dynamic width of cells, etc. Also, if table slides from right to left for more data points, this could interfere with the swipe interaction to move between the Patient Details sections.
(Highly Recommended)**

●○○○○ Verizon 🗢   11:26 AM   ⚹ 🔋 74% ▬

‹ Patient   ⟳

Good, Jack
Jan 3, 1985   31, M   152877328

Labs

Lab Name	12/15/15	
Haley's Panel		⌄
FERRITIN	2	
My anemia panel		⌄
HEMOGLOBIN	3	
FERRITIN	2	
Osteodystrophy(1)		⌄
CORRECTED CALCIUM	1	

Patients   All Orders

UI/UX Review
Patient Details: Blood Pressure, Fluid Management, Target Weight History

See note earlier in document

See note earlier in document

See note earlier in document

Strange lines and other artifacts (Must Fix)

●○○○○ Verizon 📶   11:16 AM   ✈ ☀ 75% 🔋

‹ Patient   ↻

Geller, Emma
Sep 9, 1992   23, F   152690625

Blood Pressure

No Information to Display

Fluid Management

No Information to Display

Target Weight History

No Information to Display

Patients   All Orders

UI/UX Review
Patient Details: Cultures

See note earlier in document

See note earlier in document

See note earlier in document

MCoE Contacts

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