# Infusion Dashboard Dev Audit

Audit performed on a Mac, using Chrome at 1366 px wide. <u>According to research</u> this is the second most common resolution in the world at roughly 14%.



# Legend

Bub	bles	Comments
1	Completed Task	Completed Task
2	Concern to be addressed	Concern to be addressed
3	Rejected Concern	<b>Completed Task</b>
4	NPE/Product Owner comments	NPE/Product Owner comments
5	Being discussed or researched	Being discussed or researched
6	High Priority	(!) High Priority (!)

# Nurse View

× 1)xter		<b>0</b> -	IQ Enterprise   PS -	
Home	raded to version 1.0.0			Navigation
INFUSION PUMP APPLICATIONS ^				
Infusion Dashboard				<ol> <li>Home icon above header (from patient index manager)</li> </ol>
Device Management				
<b>低</b> 冒 、 二 Reports				
ADMINISTRATIVE APPLICATIONS ~				

× Baxter						<b>0</b> -	IQ Enterprise	e   ps +
Home	1							
NFUSION PUMP APPLICATIONS A								
Infusion Dashboard								
🚔 Device Management	Drug Libra	ry Name	Drug l	ibrary Version	Device O	S	Device Status	
B B B B B B B B B B B B B B B B B B B	- All		✓ All		← All	-	All	Ţ
DMINISTRATIVE APPLICATIONS V	MR ID	Device Model	Device Type	Enterprise Group	Device Firmware	Library Name (Version)	Device Status	Last Connection
	eviceEmrId1	Novum IQ	LVP	NPP	NS-DBG- v1.1.3		Active	19-JUL-2023, 05:36
	MR_0265249D48E8-	Novum IQ	SYR		NS-DBG- v1.1.3		Unregistered	20-JUL-2023, 09:13
	MR_02BF899A8BD6-	Novum IQ	LVP	NPP			Active	19-JUL-2023, 06:16
	eviceEmrId2	Novum IQ	LVP	NPP			Active	19-JUL-2023, 06:16
	eviceEmrId3	Novum IQ	LVP	NPP			Active	19-JUL-2023, 06:16
	< 1 2			12 Tota	l items	EX	PORT LIST	

## Navigation

The blues should align (device management)

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Home 1				
INFUSION PUMP APPLICATIONS 🗸	Manage Locations	Manage Patients	Manage Devices	Audit
ADMINISTRATIVE APPLICATIONS 🗸			Infusion Statu	ıs Legend 🌓
	No data available			
				_
			0 Total item	15
			1.0.10 Privacy Policy Terms &	& Conditions

## Navigation

 Fonts aren't available and the overlay covers the top when it doesn't in other areas (dashboard)

iii Baxter				0 -	Infusion Dashboard	PS -
Nurse View 1						
Search by Patient Identifier	Enter Patient Identifier 4	SEARCH	Manage Locations	Manage Patients	3 Manage Devices	Audit
2 Patients Alarming 4	Patients				Infusion Sta	
∧ Bob,Johnson	MRN-10192	l Male	Childrens Hospi	tal,Pediatric,6,2	FLOW SHEET	→
∧ John,Smith	MRN-10121	0 Male	Childrens Hospi	tal ,NICU,5,1	FLOW SHEET	→6
∧ Cindy ,Smith	MRN-20121	I Male	Childrens Hospi	tal,Pediatric,2,2	FLOW SHEET	→
∧ Jane,Wilson	MRN -12100	0 Male	Childrens Hospi	tal,NICU,10,2	FLOW SHEET	→
25		7			4 Total ite:	ms
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### Dashboard

- . No fonts are rendering correctly
- . Gray strip has a 1-2 margin from both edges
- 8. Why is there so much spacing between the buttons? Why are the buttons in the search/filter row? They feel like filters not buttons
- . Light gray makes the field appear inactive
- 5. Why is the "4" the same color as the text links?
- 6. Why does clicking to the right of the arrow launch the flow sheet?
- The footer is too tall, is should be less the ¼ the height

## ♂ - Infusion Dashboard PS SOFTWARE



#### Dashboard

- 1. Infusing is not vertically aligned with the play button
- 2. The horizontal spacing is inconsistent and crowded
- 3. The bag icon is floating randomly and gets lost.
- 4. Is the table scroll necessary?
- 5. Not a dev issue: unless this is a button this needs to be done differently
- 6. The yellow is difficult to read and the icon should be "inline"

#### Baxter

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#### Infusion Dashboard iii Baxter **?** -PS 🗸 **Nurse View** Enter Patient Identifier Audit Manage Locations Manage Patients Manage Devices Patient Name 1 **Patient Identifier** 4 Patients Infusion Status Legend MRN-10192 1 Male Childrens Hospital,Pediatric,6,2 FLOW SHEET $\rightarrow$ Bob,Johnson $\sim$ Ģ Insulin(DKA) 50 Units / 100 mL LAST UPDATED TIME REMAINING VOLUME REMAINING DOSE RATE FLOW RATE BAG VOL Status VOL INFUSED ► Infusing 75 mL UNKNOWN 24.11 mL 0.4 Units/kg/hr 56 mL/hr 50.89 mL 1832 hr(s) 01 min(s) -1-FLOW SHEET 🔶 MRN-10121 Childrens Hospital ,NICU,5,1 John,Smith Cindy ,Smith MRN-20121 1 Male Childrens Hospital, Pediatric, 2, 2 FLOW SHEET $\rightarrow$ ~ FLOW SHEET 🔶 MRN -12100 Childrens Hospital,NICU,10,2 Jane,Wilson 0 Male 1 > 25 4 Total items -Items per page © 2023 Baxter 1.0.10 Privacy Policy Terms & Conditions

## Dashboard

1. Dropdown should not cover form field. Why is "Patient Identifier" pre-selected?

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## Infusion Dashboard PS SOFTWARE PS

#### **Nurse View**

Sea Ider	rch by Patient	Enter Patient Identifier	SEARCH	Manage Locations	Infusion Status
0 Pat	ients Alarming	4 Patients			The Baxter Infusion Dashboard provides an at-a-glance view of assigned patients and the status of their infusions.
~	Bob,Johnson	MRN-10192	l Male	Childrens Hosp	Patients experiencing an alarm will rise to the top of the list. Below the alarm icon, an additional stop $(\mathbf{s})$ or play $(\mathbf{b})$ icon will indicate whether or not the
	nsulin(DKA) 50 Unit <sup>atus</sup> Infusing	LAST UPDATED 1833 hr(s) 41 min(s) !	TIME REMAINING UNKNOWN	volume remaining 24.11 mL	Infusion is still running. High Priority Alarm: red, triangle with three exclamation points. Infusions will usually automatically STOP, but not always
^	John,Smith	MRN-10121	0 Male	Childrens 3	Medium and Low Priority Alarms: low (one exclamation point yellow), medium (two exclamations points yellow). Infusions will continue running
^	Cindy ,Smith	MRN-20121	1 Male	Childrens Hosp	Paused: gray, pause icon. Indicates infusion has been temporarily stopped and can be resumed.
^	Jane,Wilson	MRN -12100	0 Male	Childrens Hosp	<ul> <li>Completed: blue, check icon. Indicates an infusion that has concluded and been closed by a clinician in the past 24 hours.</li> </ul>
25	▪ Items per page			< 1 >	The following icons indicate the type of device associated with the infusion Large Volume Pump (LV Syringe Pump
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## Dashboard

- 1. Missing X to close overlay
- If you click the background where a Flow Sheet button is located it navigates to flow sheet
- 3. Margins are too tight
- 4. Vertical spacing doesn't make it obvious the title refers to the icons. Icon labels shouldn't be bolded compared to the title.

	Bax	ter				<b>0</b> -	Infusion Dashboard	
NL	nao V	/i.e.v						
Μ	Ianage	Locations				1	Clinician:Peter S	×
	Availabl	le Locations			My Locations			
	Searc	h by Location or Facility or Departme	ent		Search by Location or Facilit	y or Department		
		Location ID -	Facility	Department	Location ID 🗸	Facility	y Department	
		Childrens Hospital ,NICU	Childrens Hospital			No data ava	ailable	
		Childrens Hospital, Emergency	Childrens Hospital					
2		Childrens Hospital,NICU	Childrens Hospital					
		Childrens Hospital, Oncology	Childrens Hospital					
		Childrens Hospital,Pediatric	Childrens Hospital					
Ì								
				3 ADD >			SAVE CHANGES	ANCEL
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## Dashboard: Manage Locations

- 1. Physician name is floating
- 2. If user can only select one row this should be radio buttons not check boxes
- Why are the buttons blue when "off" but white with a blue outline when "on?"
- 4. The spacing on the commas is not aligned in the rows

## Infusion Dashboard SOFTWARE

PS

Μ	Ianage Locations					Clinician:Peter S	×	2
	Available Locations			My Loca	tions			
	Search by Location or Facility or D	epartment		Search	n by Location or Facility or Depar	tment		
	Location ID 🗸	Facility 2	Department		Location ID -	Facility	Department	
1	Childrens Hospital, Emergency	Childrens Hospital			Childrens Hospital ,NICU	Childrens Hospital		
	Childrens Hospital,NICU	Childrens Hospital						
	Childrens Hospital, Oncology	Childrens Hospital						
	Childrens Hospital,Pediatric	Childrens Hospital						
			ADD >	€ RI		SAVE CH	HANGES CANCEL	
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## Dashboard: Manage Locations

- 1. Why can't any other locations be added after one?
- 2. Does Facility have a sort or is it not available because the facilities are the same?

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#### iii Baxter 0-PS NI X 7\* Manage Locations Clinician:Peter S X Available Locations My Locations Search by Location or Facility or Department Search by Location or Facility or Department Location ID 🔺 Facility Department Location ID -Facility Department Childrens Hospital, Pediatric Childrens Hospital .NICU Childrens Hospital 1 Confirm Childrens Hospital, Oncology Childrens Hospital Are you sure you want to save this changes ? Childrens Hospital,NICU Childrens Hospital 2 3 ок CANCEL Childrens Hospital, Emergency Childrens Hospital

# Dashboard: Manage Locations

- 1. What is the top label supposed to look like? The font is too light
- 2. The button should be a blue pill
- 3. Cancel is too light

CANCEL

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Nurse View				1		
Search by Patient Identifier	Enter Patient Identifier	SEARCH	Manage Locations	Manage Patients	Manage Devices	Audit
0 Patients Alarming	4 Patients				Infusion Status Le	gend 🌗
➤ Bob,Johnson	MRN-10192	1 Male	Childrens Hosp	pital,Pediatric,6,2	FLOW SHEET $\rightarrow$	ĺ
Insulin(DKA) 50 Uni Status Infusing	its / 100 mL LAST UPDATED 1833 hr(s) 41 min(s) !	TIME REMAINING UNKNOWN	VOLUME REMAINING 24.11 mL	DOSE RATE FLOW RATE 0.4 Units/kg/hr 56 mL/hr	VOL INFUSED BAG VOL 50.89 mL 75 mL	
✓ John,Smith	MRN-10121	0 Male	Childrens Hosp	pital ,NICU,5,1	FLOW SHEET $\rightarrow$	
DOBUTamine 500 m Status Infusing	ng / 250 mL LAST UPDATED 1833 hr(s) 40 min(s) !	TIME REMAINING UNKNOWN	volume remaining 41 mL	DOSE RATE FLOW RATE 40 mcg/kg/min 84 mL/hr	VOL INFUSED BAG VOL 71.65 mL 100 mL	
✓ Cindy .Smith	MRN-20121	I Male	Childrens Hosp	pital,Pediatric,2,2	FLOW SHEET 🔶	
25 ▼ Items per page	2		< 1 >		4 Total items	
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## Dashboard: Manage Locations Added

1. The badge has opacity and should be 100%, also this is different than other badges

	• •		
Nurse View			Dashboard
Search by Patient Identifier Enter Patient Identifier SEARCH Manage Locations	Manage Patients	Manage Devices Audit	<ol> <li>After mak changes I</li> </ol>
0 Patients Alarming 1 Patients		Infusion Status Legend 🕕	one
▲ Jane,Wilson MRN -12100 0 Male Childrens Hospital,NI	CU,10,2	FLOW SHEET 🔶	
25 - Items per page		1 Total items	
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#### After making any patient changes I lost all the patients but one

Manage Patients Clinician:Peter S   Available Patients   Available Patients   Patient Identifier   Enter Patient Identifier or   2     My Patients   Enter Patient Identifier or Patient Name     0 Patients     0 Patients <th># Baxter</th> <th></th> <th></th> <th></th> <th>Image: Solution       Image: Solution</th> <th>nfusion Dashboai Detware</th> <th>rd   ps</th>	# Baxter				Image: Solution       Image: Solution	nfusion Dashboai Detware	rd   ps
Manage Patients     Available Patients     Patient Identifier     Enter Patient Identifier or     SEARCH     My Patients     Enter Patient Identifier or     SEARCH     My Patients     Enter Patient Identifier or     SEARCH     My Patients     Enter Patient Identifier or Patient Name     O Patients     O Patients     Image Patient Identifier     Age/Gender     Location ID     Image Patient Identifier -     Patient I	Niumaa X/kaun						
Available Patients   Patient Identifier   Enter Patient Identifier or     Patient Identifier -     Patient Identifier - </td <td>Manage Patients</td> <td></td> <td></td> <td></td> <td>Clir</td> <td>nician:Peter S</td> <td>×</td>	Manage Patients				Clir	nician:Peter S	×
Patient Identifier       Enter Patient Identifier or       O Patient Identifier or Patient Identifier or Patient Name       O Patients         Patient Identifier -       Patient Identifier or       Patient Identifier or Patient Identifier or Patient Name       O Patients         MRN -12100       Jane,Wilson       O/M       Childrens Hospital,NICU,10,2       No data available	Available Patients		SEADCH	My Patients			
Patient Identifier -       Patient Name       Age/Gender       Location ID       Patient Identifier -       Patient Name       Age/Gender       Location ID         MRN -12100       Jane,Wilson       0 / M       Childrens Hospital,NICU,10,2       No data available       No data available	Patient Identifier 👻	Enter Patient Identifier or	SEARCH	Enter Patient Identifier or Patie	ent Name	0 Patients	
MRN -12100     Jane,Wilson     0 / M     Childrens Hospital,NICU,10,2     No data available	Patient Identifier 🗸	Patient Name Age/Gender I	Location ID	Patient Identifier •	Patient Name	Age/Gender Locati	on ID
	MRN -12100	Jane,Wilson 0 / M	Childrens Hospital,NICU,10,2		No data availabl	e	
4 3	4		3				
ADD > (REMOVE SAVE CHANGES CANCEL			ADD >				CANCEL
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## Dashboard: Manage Patients

- 1. Dr name is "floating"
- 2. Search button is not lined up to form field
- 3. Commas are off
- 4. Could not click in row checkbox

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< BACK TO DASHBOAR							Dashboard: Patient Device
Patient Device Asso	ciation						Association
Search by Patient Identifier	•	Enter Patient Identifier	SEAR	сн			1. Fonts are not correct
Patient Identifier	Patient Name	Age/Gender	Facility / Department	Room / Bed	No. Of Associated Devices	Manage Devices	
MRN -12100	Jane,Wilson	0 / M	Childrens Hospital /	10 / 2	2	1	
						177 - 17	
10 • Items per page	2		< 1			l'Iotal items	
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#### K BACK TO DASHBOARD

#### **Patient Device Association**

Patient Identifier	4	Enter Patient Identifier	SEAR			
Patient Name		Age/Gender	Facility / Department	Room / Bed	No. Of Associated Devices	Manage Devices
MRN -12100	Jane, Wilson	0 / M	Childrens Hospital /	10 / 2	2	1

 10
 Items per page
 I Total items

 10
 Items per page
 I Total items

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## Dashboard: Patient Device Association

Infusion Dashboard

**?** -

PS

1. Dropdown shouldn't cover field

 ii Baxt	er			<b>⊙</b> -	Infusion Dashboard		
< ВАСК ТО	DASHBOARD					Da	ashboard: Audit
2023-10-03					3 EXPORT AS CSV	1. 2.	Calendar icon does not work User Information, Time Stamp and Old Values do not sort
Context	Event 🔺	User Information	Timestamp	Old Values	New Values	3.	Should the button be at the bottom?
Nurse to Patient	Deleted	Name: nurse User Id: 75ec0dd9-e639-4d6f-9c95-4b1f0f2a00a7 IP Address: 192.168.254.1	03 Oct 2023 16:27:26	User Id: 75ec0dd9-e639-4d6f-9c95-4b1f0f2a00a7 Patient Identifier: MRN-10121		4.	User Information is difficult to scan
Nurse to Patient	Deleted	Name: nurse User Id: 75ec0dd9-e639-4d6f-9c95-4b1f0f2a00a7 IP Address: 192.168.254.1	03 Oct 2023 16:27:26	User Id: 75ec0dd9-e639-4d6f-9c95-4b1f0f2a00a7 Patient Identifier: MRN-20121			
Nurse to Patient	Delete 4	Name: nurse User Id: 75ec0dd9-e639-4d6f-9c95-4b1f0f2a00a7 IP Address: 192.168.254.1	03 Oct 2023 16:27:26	User Id: 75ec0dd9-e639-4d6f-9c95-4b1f0f2a00a7 Patient Identifier: MRN -12100			
Nurse to Patient	Deleted	Name: nurse User Id: 75ec0dd9-e639-4d6f-9c95-4b1f0f2a00a7 IP Address: 192.168.254.1	03 Oct 2023 16:27:26	User Id: 75ec0dd9-e639-4d6f-9c95-4b1f0f2a00a7 Patient Identifier: MRN-10192			
Nurse to Patient	Deleted	Name: nurse User Id: 75ec0dd9-e639-4d6f-9c95-4b1f0f2a00a7 IP Address: 192.168.254.1	03 Oct 2023 16:27:26	User Id: 75ec0dd9-e639-4d6f-9c95-4b1f0f2a00a7 Patient Identifier: MRN-2913			
Nurse to Patient	Deleted	Name: nurse User Id: 75ec0dd9-e639-4d6f-9c95-4b1f0f2a00a7 IP Address: 192.168.254.1	03 Oct 2023 16:27:48	User Id: 75ec0dd9-e639-4d6f-9c95-4b1f0f2a00a7 Patient Identifier: MRN -12100			
Nurse to Patient	Deleted	Name: nurse User Id: 75ec0dd9-e639-4d6f-9c95-4b1f0f2a00a7 ID Address: 192-168-254-1	03 Oct 2023 16:39:06	User Id: 75ec0dd9-e639-4d6f-9c95-4b1f0f2a00a7 Patient Identifier: MRN -12100			
10 -	Items per page		<		9 Total items		

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#### **Device Management**



Advanced Filters 🗸

2:	Serial Number	Hospital 3 Device ID	EMR ID	Device Model	Device Type	Enterprise Group	Device Firmware	Library Name (Version)	Device Status	Last Connection
	0265249D48E8- 1		deviceEmrId1	Novum IQ	LVP	NPP	NS-DBG- v1.1.3		Active	19-JUL-2023, 05:36
	0265249D48E8- 5		EMR_0265249D48E8- 5	Novum IQ	SYR		NS-DBG- v1.1.3		Unregistered	20-JUL-2023, 09:13
	02BF899A8BD6- 1	1	EMR_02BF899A8BD6- 1	Novum IQ	LVP	NPP			Active	19-JUL-2023, 06:16
	02BF899A8BD6- 2		deviceEmrId2	Novum IQ	LVP	NPP			Active	19-JUL-2023, 06:16
	02BF899A8BD6- 3		deviceEmrId3	Novum IQ	LVP	NPP			Active	19-JUL-2023, 06:16
	02BF899A8BD6- 4		deviceEmrId	Novum IQ	LVP	NPP			Active	19-JUL-2023, 06:16
	02BF899A8BD6- 5		deviceEmrId5	Novum IQ	LVP	NPP			Active	19-JUL-2023, 06:16
	06DCE2723FAC- 46		deviceEmrId46	Novum IQ	SYR	NPP			Active	19-JUL-2023, 05:38
	06DCE2723FAC- 47		deviceEmrId47	Novum IQ	SYR	NPP			Active	19-JUL-2023, 05:38
	06DCE2723FAC- 48		deviceEmrId48	Novum IQ	SYR	NPP			Active	19-JUL-2023, 05:38

10 -

Items

page

5

per



1

12 Total items



## **Device Management**

- 1. Navigating to screen the header and footer do not appear
- 2. What does triple dot overflow menu do?
- 3. Column names are not inline
- 4. "Word wrap" should not happen, it is better to have a horizontal scroll. This makes scanning more difficult
- 5. Items per page should be inline
- 6. Why is there a tab if there are no other options to select?

#### **Device Management**

Device List

#### Advanced Filters 🗸

:	Serial Number	Hospital Device ID	EMR ID	Device Model	Device Type	Enterprise Group	Device Firmware	Library Name (Version)	Device Status	Last Connection
	06DCL FAC- 50		deviceEmrId50	Novum IQ	SYR				Unregistered	19-JUL-2023, 05:38
	06DCE2723FAC- 49		deviceEmrId49	Novum IQ	SYR	NPP			Active	19-JUL-2023, 05:38
	06DCE2723FAC- 48		deviceEmrId48	Novum IQ	SYR	NPP			Active	19-JUL-2023, 05:38
	06DCE2723FAC- 47		deviceEmrId47	Novum IQ	SYR	NPP			Active	19-JUL-2023, 05:38
	06DCE2723FAC- 46		deviceEmrId46	Novum IQ	SYR	NPP			Active	19-JUL-2023, 05:38
	02BF899A8BD6- 5		deviceEmrId5	Novum IQ	LVP	NPP			Active	19-JUL-2023, 06:16
	02BF899A8BD6- 4		deviceEmrId	Novum IQ	LVP	NPP			Active	19-JUL-2023, 06:16
	02BF899A8BD6- 3		deviceEmrId3	Novum IQ	LVP	NPP			Active	19-JUL-2023, 06:16
	02BF899A8BD6- 2		deviceEmrId2	Novum IQ	LVP	NPP			Active	19-JUL-2023, 06:16
	02BF899A8BD6- 1		EMR_02BF899A8BD6- 1	Novum IQ	LVP	NPP			Active	19-JUL-2023, 06:16

Device Management

1. Sort arrow should be inline with the column name, not below

10 -

-

Items

per page



12 Total items



iii Baxter 1

#### **Device Management**



#### **Device Management**

- 1. Top and bottom appeared when Advanced Filters was clicked
- 2. Reset Filters is in a "weird" place
- 3. Apply Filters should be disabled until filters have been selected
- 4. It is not clear all filter selections are disabled until a search is selected
- 5. How does the search work? Where is the search button?

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#### **Device Management**

Device List													
Advanced Filt	ters 🔨	R	eset All Filters	i									
Serial Nur	nber		Enter Serial N	lumber									
Hospital D	evice ID			Drug Library	/ Name	Dr	rug Lib	rary Version		Device OS		Device Status	
EMR ID			~	All		-	All		~	All	Ŧ	All	Ŧ
APPLY FILTI	ENTERPRI	SE GROUP											
:	Serial Number	Hospital Device ID	EMR ID		Device Model	Devic Type	e	Enterprise Group	De Fir	vice mware	Library Name (Version)	Device Status	Last Connection
	0265249D48E8- 1		deviceEmrI	d1	Novum IQ	LVP		NPP	NS v1.	-DBG- 1.3		Active	19-JUL-2023, 05:36
	0265249D48E8- 5		EMR_02652 5	249D48E8-	Novum IQ	SYR			NS v1.	-DBG- 1.3		Unregistered	20-JUL-2023, 09:13
	02BF899A8BD6- 1		EMR_02BF8 1	399A8BD6-	Novum IQ	LVP		NPP				Active	19-JUL-2023, 06:16
	02BF899A8BD6- 2		deviceEmrI	d2	Novum IQ	LVP		NPP				Active	19-JUL-2023, 06:16
	02BF899A8BD6- 3		deviceEmrI	d3	Novum IQ	LVP		NPP				Active	19-JUL-2023, 06:16
10 -	Items per page		<	1 2	>			12 Total	tems	;	EXP	DRT LIST	

## **Device Management**

1. Dropdown should not be over form field. Why is Hospital Device ID available when there is no data in the column?

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#### **Device Management**



:	Serial Number	Hospital Device ID	EMR ID	Device Model	Device Type	Enterprise Group	Device Firmware	Library Name (Version)	Device Status	Last Connection
	0265249D48E8-1		deviceEmrId1	Novum IQ	LVP	NPP	NS-DBG- v1.1.3		Active	19-JUL-2023, 05:36
	02BF899A8BD6- 2		deviceEmrId2	Novum IQ	LVP	NPP			Active	19-JUL-2023, 06:16
	02BF899A8BD6- 3		deviceEmrId3	Novum IQ	LVP	NPP			Active	19-JUL-2023, 06:16
	02BF899A8BD6- 4		deviceEmrId	Novum IQ	LVP	NPP			Active	19-JUL-2023, 06:16
	02BF899A8BD6- 5		deviceEmrId5	Novum IQ	LVP	NPP			Active	19-JUL-2023, 06:16
	Items									

#### **Device Management**

- Why does Apply Filters function as a search button? Why don't any of the filter dropdowns work?
- Why can only one filter be applied at a time? I tried to do a device and serial number as a combined filter and it only works for the latest filter.

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#### **Device Management**



**Device Management** 

IQ Enterprise

**0**-

PS -

- How do I access the enterprise groups? If one isn't available why isn't there a message saying that?
- 2. Too much space between Cancel and Apply.

Re	po	rts	

1

Library		<u>Select a Drug Lil</u>	orary to View Report	<u>S</u>		
Quick Search		Search By		•	01-JAN-2023 - 03-OCT-2023	3 APPLY
Advanced Filters	~ 4					
Compliance Lin	nits Dose	e Rate Change	Device Usage			

Select a Drug Library to View Reports

## Reports

- 1. Header and footer missing when first navigating to page
- 2. Why are dates available before selecting drug reports?
- 3. Apply button is too far away from everything
- 4. Why are advanced filters unavailable?





## Reports

- 1. Since only one report can be selected it should be radio buttons not checkmarks
- 2. Should be inline

10 -

Items

per page



1 >

2 items

VIEW REPORT

cepo	rts						
Sel	ect Drug Library					>	×
Searc	1 ch By Library Name	novum	SEARCH				
Libr	ary Name: novum 😣						
	Library Name	Device Mo	odel	Device Type	Imported By	Import Date	
	NovumLVPSYRUS_Demo	NOVUM I	Q	LVP	ар	19-JUL-2023	
10	▼ Per page	<	1	1 it	ems	VIEW REPOR	TS

- 1. Why does the field say "Search by Library Name?" when the device model is the search result?
- 2. Why is there a "filter" bubble when this is a search?

Compliance

Limits





Device Usage

8

EXPORT



#### Reports

- Change drug library is 1. disconnected from drug library
- 2. The dates in blue look like buttons but are not clickable. When I change the dates in the text link it is not reflected in the blue (note: text link shows oct 3 while blue shows oct 2).
- 3. What is a quick search? It functions like a filter.
- Clear filters is separated from 4. everything. Also should be below advanced filters as I am assuming it will clear all filters. (it's not obvious when filters are cleared as nothing changes)
- 5. See above (4)
- It is not clear checks control 6. doughnut chart. It is not clear they are related
- Gray is difficult to read. Also, are 7. there other colors in that area?
- When exporting pdf why is there 8. an export button in the pdf?



- 1. Shifts, Enterprise Units, Care Area & Drugs should at least be bold or a larger font to make more clear these are labels to form a hierarchy
- 2. Are Care Areas and Drugs related?
- 3. Are there other possible options? Is this an on/off? If yes it should be a toggle.







# Change Drug Library APPLY

## Reports

Buttons too far apart 1.



#### Reports

1. Drop down should not cover form field

#### iii Baxter

EXPORT

1 Items

#### Reports Library Change Drug Library NovumLVPSYRUS\_Demo APPLY Quick Search Search By 01-JAN-2023 - 03-OCT-2023 $\mathbf{w}$ Start Date: 01-JAN-2023 End Date: 03-0CT-2023 Clear Filters Advanced Filters ∨ Save / Manage Filters Compliance 2 **Dose Rate Change Device Usage** nits 1 **< BACK TO COMPLIANCE REPORT** 3 Date / Time Starting Dose Rate Drug Name (Modifier) Concentration Program Type Mode Care Area 19-JUL-2023, 05:03:21 ceFAZolin 1 g / 50 mL DERS Adult ICU 90.909 mL/hr $\sim$ Manual

>

## Reports

- 1. Looks like a button yet isn't clickable
- 2. Why is the doughnut gone when clicking a button in a table below the doughnut? That is confusing
- 3. Text link is wrong color

#### Baxter

Items Per Page

10

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### Reports

- 1. When table row expanded columns shift right
- 2. Expanded row color should remain the same color as its master row
- 3. Data rows should be inline



- The dropdown should not be so tall
- It's not clear these check boxes control the events
- It's not clear this toggle controls the views on the charts
- These should be radio buttons not check marks since user can only select one. Not clear these control the pie chart.
- 5. Limits Analysis, Soft Limits and Hard Limits: no clear hierarchy due to font sizes
- 6. Should be inline
- Should this be below "All Drugs Selected?"
- 8. Is the bar chart part of the expansion? Is it at the same level or a subset?
- It's not clear these items control what is visible in the pie chart. I discovered it by accident.

#### керогтя

Library	NovumLVPSYRUS_Demo				<u>Change Drug Library</u>
Quick Search	Search By	•		<u>01-JAN-2023 - 02-OCT-2023</u>	APPLY
Start Date: 01-JAN-2023	End Date: <b>02-OCT-2023</b>				<u>Clear Filters</u>
Advanced Filters $$					<u>Save / Manage Filters</u>
Compliance Limits I	Oose Rate Change Device Us	age			
Show: All Limits	Tiew:	Auto Programming	Initial Programming	✓ Soft Limits	
		🖌 Manual	During Infusion	✓ Hard Limits	
QUANTITY PERCENTAGE					
Limit Events Leaderboard					
> All Selected	Hard <b>0</b>				
Drugs 1 infusions	Soft 7				
> ceFAZolin	Hard <b>0</b>				
1 g / 50 mL	Soft <b>7</b>				
Tiniusions	I				

## Reports

1. Not enough space between groups. No clear divisions

Star	t Date: <b>01-JAN-2023</b>	End Date: <b>02-OCT-2023</b>						<u>Clear F</u>	Filters			
Advan	Advanced Filters 🗸											
Complia	Compliance Limits Dose Rate Change Device Usage											
Show:	All Limits	👻 View:	🗹 Auto Prog	ramming	Initial Prog	ramming	✓ Soft Limits					
			Manual		During Infu	ision	Hard Limits					
2	O LIMITS EVENTS LEAD	All Selected Drug	gs 1 II Selected C	are Areas								
	Date / Time	Drug Name (Modifier)	Concentration	Limit Type	Alert 3	Next Action	Care Area	Attempted Value	Limits Exceeded			
~	19-JUL-2023, 00:50:17	ceFAZolin	1 g / 50 mL	Time	DERS - Soft	Override	Adult ICU	56 min	Soft: 10 - 30 min			
~	19-JUL-2023, 00:50:00	ceFAZolin	1 g / 50 mL	Time	DERS - Soft	Override	Adult ICU	80 min	Soft: 10 - 30 min			
~	19-JUL-2023, 00:28:14	ceFAZolin	1 g / 50 mL	Time	DERS - Soft	Override	Adult ICU	57 min	Soft: 10 - 30 min			
~	19-JUL-2023, 00:24:58	ceFAZolin	1 g / 50 mL	Time	DERS - Soft	Override	Adult ICU	82 min	Soft: 10 - 30 min			
~	19-JUL-2023, 00:11:01	ceFAZolin	1 g / 50 mL	Time	DERS - Soft	Override	Adult ICU	64 min	Soft: 10 - 30 min			
~	19-JUL-2023, 00:09:07	ceFAZolin	1 g / 50 mL	Time	DERS - Soft	Override	Adult ICU	31 min	Soft: 10 - 30 min			
~	19-JUL-2023, 00:03:32	ceFAZolin	1 g / 50 mL	Time	DERS - Soft	Override	Adult ICU	33 min	Soft: 10 - 30 min			
10	<ul> <li>Items Per Page</li> </ul>	ge		<	1			7 items	EXPORT			

- 1. Filters look like buttons
- 2. Wrong color for text link
- 3. Columns not inline
- 4. All rows should be inline



- 1. Expanded row background should be same color throughout
- 2. Too much vertical space between headers and data
- Very difficult to distinguish between sub square and rest of row due to subtle color variations
- 4. Should be inline



- 1. No clear hierarchy with font sizes
- . Too much vertical spacing between label and data. Too little vertical spacing between rows
- Icon is floating and has no context



- Too much space between label and field. It appears as Change Type controls the left column and Sort By controls the right column
- 2. No clear hierarchy based on font sizes.
- 3. Too much vertical space between label and chart
- 4. Green and red fonts difficult to read
- 5. Arrow too subtle and it's in an odd place
- 6. Too much vertical space
- 7. It is not clear to click title to see additional details
- If single select should be radio buttons. It's not clear checkmarks control graphs





Compliance Limits Dose	Rate Change Device Usage								
< BACK TO DOSE RATE CHANGE REP	ORT All Selected Drugs	All Selected Care A	reas						Reports
Date / Time 🔺	Drug Name (Modifier)	Concentration	Program Typ	pe Mode Type	Change Req	uested R	esult	Care Area	1. Background color should be
<b>^</b> 19-JUL-2023, 00:09:10	ceFAZolin	1 g / 50 mL	Manual	DERS	+10%	V	/ithin Limits	Adult ICU	<ol> <li>Outline is difficult to see</li> </ol>
HOSPITAL DEVICE ID	ITAL DEVICE ID PUMP SERIAL NUMBER		Dose Rate Change Parameters		2 <u>View Infusion Story</u>			3. Too much vertical space between rows	
LOCATION / ACCESS POINT	DEVICE MODEL & TYPE Novum IQ LVP		DOSE RATE-PRIOR 90.909 mL/hr	<b>DOSE RATE-AFTER</b> 100 mL/hr	<b>CHANGE</b> +10%	CHANGE LIMIT	<b>S DATE</b> 19-JU 00:09	<b>/ TIME</b> JL-2023, 9:10	
<b>INFUSION ID</b> 0000000016897473452972046	ENTERPRISE GROUP								
✓ 19-JUL-2023, 00:11:04	ceFAZolin	1 g / 50 mL	Manual	DERS	-55%	V	/ithin Limits	Adult ICU	
✓ 19-JUL-2023, 00:25:01	ceFAZolin	1 g / 50 mL	Manual	DERS	-26.7%	v	/ithin Limits	Adult ICU	
✓ 19-JUL-2023, 00:28:17	ceFAZolin	1 g / 50 mL	Manual	DERS	+66.7%	v	/ithin Limits	Adult ICU	
✓ 19-JUL-2023, 00:50:03	ceFAZolin	1 g / 50 mL	Manual	DERS	-60%	v	vithin Limits	Adult ICU	
✓ 19-JUL-2023, 00:50:20	ceFAZolin	1 g / 50 mL	Manual	DERS	+172.7%	V	/ithin Limits	Adult ICU	
10 👻 Items Per Page			< 1	>		6 Items		EXPORT	

Library NovumLVPSYRUS_Demo							<u>Change Drug Library</u>			
Quick Search	Search By		•		<u>01-JAN</u>	-2023 - 02-OCT-2023	APPLY	Reports		
Start Date: 01-JAN-2023	End Date: 02-OCT-	2023					<u>Clear Filters</u>	<ol> <li>Should be inline</li> <li>Can't judge too much with no data</li> </ol>		
Advanced Filters V Compliance Limits	Dose Rate Change	Device Usage					<u>Save / Manage Filters</u>			
View : CONNECTIVITY	UTILIZATION				TIME OF DAY	DAY OF WEEK SEASON	AL			
Serial Number C	Connection %	Device Status	Avg. Utilization	Infusions	Errors	Last Updated	Certificate Exp.			
No data available										
10 - Items per page	1	< 1	>	0 item	S	EXPO	PRT			

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Library NovumLVPSYRUS_Demo							<u>Change Drug Library</u>			
Quick Search	Search By		•		<u>01-JAN</u>	-2023 - 02-OCT-2023	APPLY	Reports		
Start Date: 01-JAN-2023	End Date: 02-OCT-	2023					<u>Clear Filters</u>	<ol> <li>Should be inline</li> <li>Can't judge too much with no data</li> </ol>		
Advanced Filters V Compliance Limits	Dose Rate Change	Device Usage					<u>Save / Manage Filters</u>			
View : CONNECTIVITY	UTILIZATION				TIME OF DAY	DAY OF WEEK SEASON	AL			
Serial Number C	Connection %	Device Status	Avg. Utilization	Infusions	Errors	Last Updated	Certificate Exp.			
No data available										
10 - Items per page	1	< 1	>	0 item	S	EXPO	PRT			

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## Patient Index Manager

If login does not allow it, page should not be in menu or should at least be grayed out