



PAWS

User Guide





PAWS

Contents Page

Page 3 - Logging into the PPM+ mobile app, enrolling for single sign on and Ward View via PPM+ mobile app
Pages 4-13 - Taking a Reading, Partial Observations and Interventions
Pages 14-24 - Countersigning, Charts and Tables

Pages 25-30 - Settings (Qualified Staff Only)

Pages 31-42 - Desktop View (Settings part for Qualified Staff Only)

Page 43 - Exceptions and scoring strategy with patients receiving O2 therapy

Page 44 - Useful Contacts

2





Logging into the PPM+ mobile app, enrolling for single sign on, Ward View via PPM+ mobile app



<u>Click here</u> for the user guide for logging into the PPM+ mobile app.

<u>Click here</u> for the user guide for viewing the



Ward View via the PPM+ mobile app.

<u>Click here for the user guide for enrolling for</u> single sign on.

3







Once you have selected your patient, to take an observation, select eObs and then Take Reading.



TESTTEAM, Seven (Mr)

To ensure you are recording a reading on the correct patient, scan the patient's wristband.

CONFIRM THE PATIENT'S IDENTITY

Before proceeding with your request, you need to verify the patient's identity by

Scan wristband Scan

ALTERNATIVE VERIFICATION



Remember, to scan the patient's square "QR" barcode on their wristband.

If you are unable to scan their wristband, please use PAS to print a new one.





If it is still not possible to scan a patient's wristband, you are able to verify a patient by confirming their Date of Birth. Click on the blue drop down arrow and click continue on the message. Then enter the patient's Date of Birth.

NTITY	
equest, you need to verify the patient's identity by scanning their wristband.	
	CONFIRM THE PATIENT'S IDENTITY
	Before proceeding with your request, you need to verify the patient's identity by scanning their wristband.
	Scan wristband Scan
Alternative Verification	ALTERNATIVE VERIFICATION
You are expected to scan the patient's wristband to confirm their identity.	Ask the patient for their date of birth. If they cannot tell you then manually check their date of birth. Tap below to confirm their date of birth.
By continuing with an alternative, you are confirming it is not possible to scan their wristband.	CONFIRM THE MONTH OF BIRTH



Jan	Feb	Mar	Apr	May	Jun
Jul	Aug	Sep	Oct	Nov	Dec

Standard Observations	
Respiration Rate (breaths/min)	Respiration Support No Yes
Oxygen Saturation (%)	Temperature (°C)
Doppler Blood Pressure?	
Blood Pressure Systolic (mm/Hg)	Blood Pressure Diastolic (mm/Hg)
Heart Rate (BPM)	CRT (sec)
Consciousness	
Alert Verbal Pain Unresponsive	
Niscard	Submi

The observations form will then be presented. You can now enter in the observations.





Please note: Pain score is NC	DT incorporated in the Sco	'e		 	
Additional C	bservatio	าร			
Blood Glucoso	Neurological	Spipal	Tracheostomy		
Blood Glucose	Neurological	Spinal	Tracheostomy		

Remember, you can now electronically record additional observations such as Blood Glucose, Neurological, Spinal, Tracheostomy at the bottom of the Observation form.

To enter a 'Grimace score' first you must select V1 - None, in the Neurological Observations, in order to

ddress Leeds General Infirm, Great George Stre	et, Leeds, ,, LS1 3EX		PAS number 4999920
Blood Glucose Neurological Spin	al Tracheostomy		
Neurological Observations	3		
Eye Opening *			
E3 - To verbal stimuli	× ~		
Adult / Child / Infant (According to Usua	al Ability) *		
Adult / Child Child / Infant			
Verbal Response - Child / Infant *		Motor - Child / Infant (Best Limb) *	
V1 - None	× ~	M6 - Normal spontaneous movement	× ~
Verbal Response - Grimace *			
G2 - Mild grimace to pain	× ~		
Pupil Size - Left		Pupil Size - Right	
Select	~	Select	~
card			Submit

open the appropriate menu.

Please make sure you select whether the Neurological Observations are for an Adult/Child or Child/Infant.



Select submit to record the observations to the Patient's record.





A summary of the observations will then be displayed along with the Graded Response Strategy.

tauros Leeus General IIIIIII, Great George Street, Leeus, II LST SEA
RESULTS PAWS (Age 8 to 16 Years) 6
1. Notify the nurse in charge
2. Contact the doctor immediately using the SBAR framework. Doctor to review within 30 minutes
3. Perform full observations hourly (respiration, oxygen saturation level, pulse rate, blood pressure, capillary refill time and AVPU)
Start continuous monitoring (ECG, oxygen saturation, blood pressure)

Heart Rate

3 **45** BPM

Respiratory Rate	3	30 breaths/min
Blood Pressure	0	Lying/Sitting 100/80
Capillary Refill Time	0	2 seconds
Oxygen Saturation	0	95%
Temperature	0	38 °C
Consciousness	0	Alert
Pain		1 - Mild Pain

7





Pain	0 - None	
TASKS		
3h	Observations Due	
1m ago	Observations Intervention Required	

When a full set of Observations have been taken (minimum Respiration rate and Heart rate). The task will then be completed. The tasks area shows when the next observations are due.

Patients with a PAWS score 0-2 will default to 4 hourly

If you are unable to take a full set of observations, scroll down to the bottom of the observation form and select from the available reasons.





Select submit to record the Observations to the Patient's record.





Partial observations will appear with a "P" next to it on the results screen but also on the Ewhiteboard column called 'Observations' for that particular patient.

Address Leeds General Infirm	n, Gre	eat George Street, Leeds, ,, LS1 3EX PAS No. 49	99
RESULTS PAWS (Age	8 to	16 Years) OP	
Record the observation	s 12 I	hourly (minimum) or as per protocol	
Capillary Refill Time	0	2 seconds	
Oxygen Saturation	0	95%	
Temperature	0	38 °C	

Consciousness	0	Alert	
Pain		1 - Mild Pain	
TASKS			
37m	Ok	oservations Due	

A set of observations taken which include a minimum of the heart rate (HR) and respiratory rate (RR) will complete the task.

9





Address Leeds General Infirm	n, Gre	at George Street, Leeds, ,, LS1 3EX	PAS No. 49999 2
RESULTS PAWS (Age	8 to	16 Years) 6	
Heart Rate	3	45 BPM	
Respiratory Rate	3	30 breaths/min	
Blood Pressure	0	Lying/Sitting 100/80	lfan
Capillary Refill Time	0	2 seconds	
Oxygen Saturation	0	95%	PAW
Temperature	0	38 °C	tack
Consciousness	0	Alert	lasn
Pain		1 - Mild Pain	
TASKS			
59m	Oł	oservations Due	
0m ago	Oł	oservations Intervention Required	

If an intervention is required (for PAWS of 3 or more) select the task underneath the results.

Address Leeds General Infirm, Great George Street, Leeds, ,, LS1 3EX

Document Interventions Related To Escalation

The intervention form will then be generated. Select from the available intervention responses.

Is an intervention required for this set of observations? *	
Possible Interventions	
Nurse review completed No Yes	
Frequency of observation reviewed No Yes	
Blood glucose checked	



Once completed, select submit at the bottom of the form.

10





You can also enter the interventions via tasks on the patient actions screen.

Only the most recent intervention will be available to complete.





Address Leeds Gener	al Infirm, Great George Street, Leeds	s, ,, LS1 3EX		PAS No
	To Do (3)	Overdue (3)	Due (0)	All (3)
15d ago	Falls Daily Care Plan			
45m ago	Observations Interventi	ion Required		
45m ago	Observations Due			

11





You can withdraw an intervention from the table view by selecting the observation then Withdraw Intervention. More on accessing the table view later.

Audiess Leeus Gener	антппп, огеаг оеогде этгеег, се	eus, ,, LOI JEA	FASIN	10. 43
SHOWING (All A	Admissions)			
	09-Mar-2020 14:23	09-Mar-2020 14:21	09-Mar-2020 14:20	09· 14:
Score	□6P (PAWS (8+ years	s))	0 (PAWS (8+ vears))	2

Intervention	Yes	09-Mar-2020 14:23		
Partial Indication	Patient Refused			Pat
RR (breaths/min)	25	Withdr	aw Document	8
O2 Sat (%)		Without		
Supp O2		N.C		
Blood Pressure		View		
Standing 1 Minute BP				
Standing 3 Minute BP		View Intervention		
HR (BPM)				
Temp (°C)	40	Withdra	w Intervention	
Consciousness	Verbal			ΠL
CRT (Sec)	□3	□2	□2	
Pain Score		0 - None	0 - None	
Blood Glucose (mmol/L)				
GCS				

12









Remember, you can use the menu in the top right to quickly navigate to the ward view, Patient Actions and the Next and Previous Patients on your ward.

13





RESULTS PAWS (Age 8 to 16 Years) 7 1. Notify the nurse in charge 2. Contact the doctor immediately using the SBAR framework. Doctor to review within 30 minutes 3. Perform full observations hourly (respiration, oxygen saturation level, pulse rate, blood pressure, capillary and AVPU) 4. Start continuous monitoring (ECG, oxygen saturation, blood pressure) Heart Rate **45** BPM **Countersign Required** 3 30 breaths/min **Respiratory Rate** These observations need to be countersigned. Please ask a registered nurse to review this set of observations Oxygen Saturation 94% and countersign with their username. Blood Pressure 0 Lying/Sitting 100/8 Ok Capillary Refill Time 0 2 seconds 0 **38**°C Temperature 0 Alert Consciousness Pain 1 - Mild Pain

If an observation result requires a countersignature, the user will receive a prompt. The countersignature should be obtained as soon as possible to avoid any delays in the escalation process by a qualified member of staff.

*Qualified Staff

Only*

You may be asked to review the results and enter in your **PPM+ Username and Password then tap** authorise.

ersignature to signal your approval.

Enter your PPM+ credentials to authorise	the task
Username	
Password	
The Leeds Teaching Hospitals NHS Trust	
	Authorise Cancel



If you need to enrol your badge you can set this up by selecting Login Options from the Login screen.

14

Qualified Staff Only

Alternatively, you can also countersign using your badge and PIN (if registered) by selecting **Countersign Options.** Then change to Scan Badge.





Once the observations have been authorised, remember to hand the ipad back to the original user as they will still be logged in.

You can view all electronically recorded observation in a chart form by selecting Charts.



Charts



The chart view will default to the last 12 hours but you can change the time period displayed with the buttons in the top-left.





You can also display a custom time period by using the sliders at the top right.

ral Inf	[;] irm, G	reat George Stree	t, Leeds, ,, L	S1 3EX				PA	S No. 499992()			
12	hours	4 Hours 1 Hour							Show from	range:	Last Wee	ek	T
31"		5. Mar	6. Mar		7. N	Nar	8	Mar	9.	Mar	<	10. Mar	\triangleright
					•								
		Blood Pressure	Heart Rate	CRT	Body Temp	erature	Respiratior	Rate	O2 Saturation				
0	250									40	50	100	



Notice how each individual observation point has been colour-coded to represent the result. White = 0 Yellow = 1 Blue = 3 Pink = 10

16







Select an individual result to view all readings displayed on the chart for that time.

Scroll down to view the rest of the charts and tables including overall PAWS scores and any additionally recorded observations.

uuress LE	eus Genera	a mini, e	reat Geor	ye suee	LEEUS, ,, LOI SEA	FM3 NO. 4333320
48 Hours	24 Hours	12 hours	4 Hours	1 Hour		Show from r

Show from range: Last Week

adress Leeas General Infirm, Great George Street, Leeas, ,, LSI 3E7

PAS NO. 4999920





	09/03 13:50	09/03 14:11	09/03 14:13	09/03 14:20	09/03 14:21	09/03 14:23
O2 Sat (%)	95	95		95	95	
Supp O2						
Consciousness	Alert	Alert	Unresponsive	Alert	Alert	Verbal



A complete dot denotes a complete set of observations. A white dot with a black outer denotes a partial set of observations.

17







18





If you select one reading, the relevant PAWS colour-coding for that observation appears on the chart.



•



19







Select table to view the results in an aggregated view.

Table

Select the observation to view options for that entry.

Address Leeds General Infirm,	Great George Street, Leed	s, ,, LS1 3EX	PAS N	o. 4999920				
SHOWING (All Admissi	SHOWING (All Admissions)							
	09-Mar-2020 14:23	09-Mar-2020 14:21	09-Mar-2020 14:20	09-Mar-2020 14:13	09-Mar-202(14:11			
Score	6P (PAWS (8+ years))	□5 (PAWS (8+ years))	0 (PAWS (8+ years))	20P (PAWS (8+ years))	OP (PAWS			
Intervention	Yes							
Partial Indication	Patient Refused			Patient Refused	Further Obs			
RR (breaths/min)	25	25	20	8				
O2 Sat (%)		□95	95		95			
Supp O2								
Blood Pressure		100 / 80	100 / 80					
Standing 1 Minute BP								
Standing 3 Minute BP								
HR (BPM)		□101	□80					
Temp (°C)	□40	□39	38		38			
Consciousness	Verbal	□Alert	Alert	Unresponsive	Alert			
CRT (Sec)	3	□2	2		2			
Pain Score		0 - None	0 - None		1 - Mild Pain			
Blood Glucose (mmol/L)								
GCS								
Adult Child Or Child Infant								
Eye Opening								
Verbal Response								

20





You can withdraw document, which will then appear with a strikethrough once withdrawn.

03-Dec-2019 14:21

Withdraw Document

View Document

View Intervention

Withdraw Intervention

SHOWING (All Admissions)				
	09-Mar-2020 14:23	09-Mar-2020 14:21	0! 14	
core	□ 6P (PAWS (8+ years))	□5 (PAWS (8+ years))		
ntervention	Yes			
artial Indication	Patient Refused			
R (breaths/min)	25	25		
02 Sat (%)		95		
upp O2				
lood Pressure		□ 100 / 80		
tanding 1 Minute BP				
tanding 3 Minute BP				
IR (BPM)		1 01		
emp (°C)	4 0	□39		
onsciousness	Verbal	□Alert		
RT (Sec)	□ 3	□2		
ain Score		0 - None	0	
lood Glucose (mmol/L)				
CS				
dult Child Or Child Infant				
ye Opening				
	21			





You can view Document, which takes you back to the results screen for that set of observations.

03-Dec-2019 14:21

Withdraw Document

View Document

View Intervention

Withdraw Intervention



22





You can view interventions (if applicable) which will take you back to the completed intervention form.

03-Dec-2019 14:21

Withdraw Document

View Document

View Intervention

Withdraw Intervention



г ло нашьо

Document Interventions Related To Estation

Is an intervention required for this set of observations?

Yes

Possible Interventions

Nurse review completed

Yes

Frequency of observation reviewed

Yes

Blood glucose checked

Yes

Sepsis screen and BUFALO started

Yes

Var

Fluid balance chart commenced

23





Withdraw intervention (where applicable). This will remove the intervention for that set of observations.

03-Dec-2019 14:21

Withdraw Document









This Section Is For Qualified Staff Only



Select settings to override the graded strategy and suspend observations.

Select override graded strategy to select an observation frequency.

IEST IEAW, Seven (Wir)		
Address St. James's Universi, Beckett	t Street, Leeds, ,, LS9 7TF	
OBSERVATION FREQUENCY		
Make changes to the patient's applied until you save.	s observation frequency b	by selecting b
Use Graded Strategy		
Override Graded Strategy		
Suspend Observations	\bigcirc	
NEXT OBSERVATION		
	Make changes to the patient's observa applied until you save. Use Graded Strategy	ation frequency by se
	Override Graded Strategy	
	Suspend Observations	\bigcirc
	Frequency	select observati
	NEYT ORSERVATION	
		2
		4
		6





These two scenarios give examples of when observations are overriden.

Scenario 1

PAWS and Obs frequency is the same or lower

1/ Patient scores PAWS of 2 (4 hourly monitoring)

2/ Obs are overridden to 8 hourly monitoring

3/ Patient scores PAWS of 1

4/ Obs remain overriden to 8 hourly monitoring

Scenario 2

PAWS and/or obs frequency is greater

1/ Patient scores PAWS of 2 (4 hourly monitoring)

2/ Obs are overridden to 8 hourly monitoring

3/ Patient scores PAWS of 5 (1 hourly monitoring)

4/ Obs revert to Graded Strategy (1 hourly)

26





You will see an amber exclamation mark on the ewhiteboard for patients where the observation frequency has been overridden.



If you have selected an observation frequency

as Never, Select an Override reason.

Obolition integolitor

Make changes to the patient's observation frequency by selecting below. Changes to subsequent observations are not applied until you save.

Use Graded Strategy	
Override Graded Strategy	
Suspend Observations	
Frequency	Never
Override reason	select override reason
NEXT OBSERVATION	
	Done
	End-of-life
	Discharge
	27





If you have overridden to Never, the observation column will be blank on the Ewhiteboard for that patient and there will be an amber exclamation mark in the Observations due column.

Patient Name...

Observation

Observation Due

	Frequency Overriden to Never
L	46h 43m

28





You can suspend observations by selecting the button and a suspension reason.

	Override Graded Strategy	\bigcirc	
	Suspend Observations		
	Suspension reason	select suspension reason	
	NEXT OBSERVATION		
	Next observation: Observations suspende	ed	
I		,	
ddre	ss St. James's Universi, Beckett Street, Leeds, ,, LS9 7TF	-	PAS No. 4933050
ОВ	SERVATION FREQUENCY		

Make changes to the patient's observation frequency by selecting below. Changes to subsequent observa applied until you save.

Use Graded Strategy

Override Graded Strategy		
Suspend Observations		
Suspension reason	select suspension reason	
NEXT ORSERVATION		
	In theatre Attending investigation	
	Attenuing investigation	
	Attending appointment	

If you have suspended observations, once you take another reading, the frequency will revert back to the graded strategy. Also, if you suspend observations, the observation and observation due column will appear blank on the eWhiteboard.

29





Remember, to select save in the bottomright if any changes have been made in the settings.



30





You can view observation results and when the observations are next due via the 'Observation' and 'Observation Due' columns in the ward view. These columns will also be displayed on the eWhiteboard

Planning	Observation	Observation Due
On Ward (NFTL)	3 (4P) 🛛 🕹	0h 5m (4 hourly)
On Ward (NFTL)	0 (0) 🔶	14:25 (4 hourly)
On Ward (NFTL)	0 (0P)	0h 2m (4 hourly)
On Ward (NFTL)	0P (0P)	0h 8m (hourly)

	-	-		-	

Only observations recorded during the current admission will be available via the ward view.



Via the Desktop, you can take an observation, amend the settings and view the Table, Chart and Audit. Select the cell of the patient you would like to view.





The first tab 'Observations' will let you know the patient's current and previous PAWS and their pain score. You are also able to take observations.



All observations should be recorded via the PPM+ Mobile app unless an iPad is unavailable.

32





The 'Table' tab will display all observations in a table view. You can expand or minimise the observations by selecting them on the left.



Page 1 of 7 <	25-Oct-2019			
	10:19	10:18		
Score	29P PAWS (8+ years)	4P PAWS (8+ years)		
Intervention	0			
Partial Indication	Patient Refused	Patient Not In Bed		
Standard Observations				
RR (breaths/min)	30	20		
O2 Sat (%)	50			
Supp O2				
Blood Pressure	140 / 11	140 / 10		
HR (BPM)	90	60		
Temp (°C)	40			
Consciousness	Unresponsive			
CRT (Sec)	5	5		
Pain Score	2 - Moderate Pain			
Blood Glucose (mmol/L)				
33				







You also have the same options as the PPM+ mobile app to withdraw document, View results and view and withdraw interventions (where applicable) by selecting the blue arrow.

The 'Chart' tab will display the observations in a chart format with relevant colouring. You will also have the same customisation options as the PPM+ mobile app.









*The Next 3 Pages Are For Qualified Staff **Only***

🗏 Observations 🎟 Table 🖬 Chart 💠 Settings 🖻 Audit	
Changes below will not be applied to subsequent Observations, until they are submitted by clicking Save.	
Scoring Strategy	
The current scoring strategy is PAWS (8+ years). Do you want to change this patients strategy? No Yes	
Observation Frequency	
Use Graded Strategy Override Graded Strategy Suspend Observations	
15 mins	
Next Observation: 12:48 A Overdue by 35 minutes	
•	
Respiration Rate	Override
Oxygen Saturation In Air	Override
Oxygen Saturation In O2	Override
Blood Pressure	Override
Capillary Refill Time	Override
Heart Rate	Override
Temperature	Override

Also via the desktop view, you can change the scoring strategy and set exceptions in the 'Settings' tab.

strategy

like to

Select Yes, if you would like to change the PAWS scoring strategy.

Born 01-Jan-2011 Gende	er Male	NHS No. 999 999 9689					
Observations I Table I Chart Settings	🗎 Audit						
Changes below will not be applied to subsequent Observations,	until they are submitted by clicking Save.						
Scoring Strategy							
The current scoring strategy is PAWS (8+ years). Do you want to change this patients strategy? No Yes							
This strategy is initially set according to the patients age on admission. Please only change this strategy if you feel it appropriate for the patients current age and size. Changing the strategy will reset all the current settings back to the new strategies default values - including: Frequency, Oxygen Saturation Targets and Scoring Exceptions. These can then be adjusted once the strategy change has been confirmed.							
		✓ Save					

Born 01-Jan-2011	Gender Male	NHS No. 333 333 3683	
■ Observations	🛛 Chart 🗢 Settings 🗎 Audit		
Changes below will not be applied to s	subsequent Observations, until they are submitted by cli	cking Save.	Select the strate
Scoring Strategy			
PAWS (0-11 months) PAWS (12-23 months) PAWS (2-3 years) PAWS (4-7 years) PAWS (8+ years) NEWS Changing the strategy will reset all	the current settings back to the new strategies default va	alues - including: Frequency, Oxygen Saturation Targets and Scoring	you would like to change it to and
Exceptions. These can then be adju	usted once the strategy change has been confirmed.	✓ Save	select save.
		35	





E Observations I Table II Chart Settings Audit						
Changes below will not be applied to subsequent Observations, until they are submitted by clicking Save.						
Scoring Strategy						
The current scoring strategy is PAWS (8+ years). Do you want to change this patients strategy? No Yes						
Observation Frequency						
Use Graded Strategy Override Graded Strategy Suspend Observations						
15 mins						
Next Observation: 12:48 A Overdue by 35 minutes						
Respiration Rate	Override					
Oxygen Saturation In Air	Override					
Oxygen Saturation In O2	Override					
Blood Pressure	Override					
Capillary Refill Time	Override					
Heart Rate	Override					
Temperature	Override					

Observation Exceptions can be selected by clicking 'Override' next to the required observation e.g. Oxygen Saturation in Air.

Use the sliders to set the required ranges

■ Observations ■ Table → Chart ◆ Settings	Audit				
Changes below will not be applied to subsequent Observations, until th	ney are submitted by clicking Save.				
Scoring Strategy					
The current scoring strategy is PAWS (8+ years). Do you want to c	The current scoring strategy is PAWS (8+ years). Do you want to change this patients strategy? No Yes				
Observation Frequency					
Use Graded Strategy Override Graded Strategy Suspend Observat	tions				
15 mins					
Next Observation: 12:49 A Overdue by 45 minutes					

for the parameter you want to override.

Respiration Rate	Override				
Oxygen Saturation In Air	Revert To Strategy Default	С			
< 0 - 85	86 - 89	90 - 94	95 - 100	>	
Oxygen Saturation In O2	Override				
Blood Pressure	Override				
Capillary Refill Time	Override				
	A 11				

■ Observations	art 🗢 Settings 🗎 Audit						
Changes below will not be applied to subsequent Observations, until they are submitted by clicking Save.							
Scoring Strategy							
The current scoring strategy is PAWS (8+	years). Do you want to change this pati	ents strategy? No Yes					
Observation Frequency							
Use Graded Strategy Override Graded Str	rategy Suspend Observations						
15 mins	\checkmark						
Next Observation: 12:48 A Overdue by	/ 49 minutes						
Respiration Rate			Override				
Oxygen Saturation In Air			Revert To Strategy Default C				
< 0 - 81	82 - 85	86 - 90	91 - 100				
Oxygen Saturation In O2			Override				
Blood Pressure			Override				
Capillary Refill Time			Override				
Hand Date			0				
			24				
			- 5 0				

Alternatively, you can use the arrows to move all the ranges to the left or right.







To revert to strategy default, select the button above the parameter slider.

Make sure to select save to remember all of your changes.

🗉 Observations 🖽 Table 🖬 Chart 🗢 Settings 🖹 Audit							
Changes below will not be applied to subsequent Observations, until they are submitted by clicking Save.							
Scoring Strategy							
The current scoring strategy is PAWS (8+ years). Do you want to change this patients strategy? No Yes							
Observation Frequency							
Respiration Rate	Override						
Oxygen Saturation In Air	Override						
Oxygen Saturation In O2	Override						
Blood Pressure	Override						
Capillary Refill Time	Override						
Heart Rate	Override						

	Age	Observation		Observation Due		
	-					
	4у	14* (16P*)		40m		
	30y		14 - Exception	tion score, score fell since prev		
	10y		observation	115h 31m		
	16y	6 (33P)	*	65h 55m		
	19y					
-						

An observation with exceptions activated, will appear with an asterisk* next to it on the ward view.

You can also override the graded strategy and suspend observations using the same customisation options as in the PPM+ mobile app.







The final tab is an audit list for observations.



This will show changes such as, who has taken an observation, overridden a frequency, completed an

intervention.

56					Gender	Male	e	NHS No. 999 999 955/
IS	 Table	.11	Chart	٥	Settings		Audit	

udit

	User	Description
3:52	Stuart Robinson	Observation Frequency changed to: Never
3:52	Stuart Robinson	Observation Frequency overrides enabled
3:52	Stuart Robinson	Settings Exceptions Override Changed
3:22	Stuart Robinson	Observation taken
4:49	Fatima Raja	Observation taken

38





In the Single Patient View, you can view the observations in an aggregated table view by selecting 'observations' in the event list or searching Observations in the filter field.

Filter Event	S	Show Booked and Delivere 🗸	Observations: Table				
Summary	C	Add -	Q Expand ⊖ Print				C Refresh View
2021		A	Show All	09-Feb-2021	05-Feb-2021		
09-Feb-2021	Pre-Op Assess	Pre-assessment Appointment Boo					
09-Feb-2021	Pre-Op Assess	Pre-assessment Surgical Booking:	Page 1 of 4	11:13	09:37	09:35	09:33
09-Feb-2021	Summary	Observations					
26-Jan-2021	Ward Stay	TEST EPR ZZZ1(Chapel Allerton	Score	31P PAWS (8+ years)	3P PAWS (8+ years)	3P PAWS (8+ years)	10P PAWS (8+
26-Jan-2021	Ward Stay	TEST EPR ZZZ(St James's Univer	Intervention				
25-Jan-2021	MDT Note	Care After Death (Adults):, - (Teste					
12-Jan-2021	Summary	Height and Weight	Partial Indication	Further Obs Not Required	Further Obs Not Required	Further Obs Not Required	Patient Refused
08-Jan-2021		Insufficient privileges	Standard Observations	▲ ☑	9	¥	₩.
08-Jan-2021	Investigation	CT Abdomen / CT Abdomen with c	RR (breaths/min)	22	20	28	20
2020			02 Sat (%)	80		99	
09-Dec-2020	Diagnosis/Pr	K52 Other noninfective gastroente	Supp ()2				
08-Dec-2020	Summary	Stool Record Chart	Supp O2				
08-Dec-2020	Medical Note	DOAC Counselling Checklist:, - (T	Blood Pressure				
08-Dec-2020	Clinical Note	Brain Attack Contact	HR (BPM)	60	66		
08-Dec-2020	Outpatient M	BMC Proforma: Varghani	Temp (°C)	36		37	
08-Dec-2020	Summary	Bed Rails Risk Assessment	Consciousness	Pain			Unresponsive
08-Dec-2020	Summary	Blood Gas Results		1 dill			onresponsive
08-Dec-2020	Outpatient M	Barrett's Oesophagus Outcome: V	CRT (Sec)		5		
08-Dec-2020	Anaesthetic	Anaesthetic Care Record:, - (Test	Pain Score	0 - None			
08-Dec-2020	AHP Asses	AHP Consultation: (Clinical Psych	Blood Glucose (mmol/L)				
08-Dec-2020	Mental Capa	4AT Assessment Test For Delirium	Neurological Observations	× 3	0		
08-Dec-2020	Summary	Nursing Specialist Assessment (N	Chinal Observations	-	-	-	-
08-Dec-2020	Summary	Clinical Notes	Spinal Observations	•	U	U	U
00 Dec 2020	Clinical Diak	COVID 10 Screening Ouestienneir	Trachoostomy Obsorvations				

Show All

Show All

Current Admission Current Admission + Previous 24hrs Last 24 Hours Last 48 Hours Non Admission 19-Nov-2020 to 20-Nov-2020 09-Nov-2020 to 19-Nov-2020 05-Nov-2020 to 09-Nov-2020 30-Oct-2020 to 05-Nov-2020 30-Oct-2020 to 30-Oct-2020 30-Oct-2020 to 30-Oct-2020 20-Oct-2020 to 30-Oct-2020 19-Oct-2020 to 20-Oct-2020 19-Oct-2020 to 19-Oct-2020 15-Oct-2020 to 19-Oct-2020 20-Aug-2020 to 15-Oct-2020 17-Jul-2020 to 17-Aug-2020 18-Mar-2020 to 17-Jul-2020

Also, if you click on 'Show All', you can filter the observations by date range.

39





Observations:	Table	
@ Expand	🖶 Print	
	4	
Show All	~	09-Fe
	Page 1 of 4 <	11:13
Coore		240.0

If a patient is being transferred to a non-LTHT hospital, you can print the last 20 sets of observations by selecting the print button.

You can also display the





observations in a chart view via the 'Observations' button in the top-right of the single patient view.





The Charts will be the same format as previously shown in the User Guide via the PPM+ mobile app.

40







You can view and complete all the tasks for a patient by selecting the box in their tasks column on the ward view on the desktop view. You can complete tasks including observations, interventions (if required) and countersignature (if required).

Gender Female

NHS No.

To Do	4	Overdue 4	Due 🕕	All 5			
	26 Da	iys Ago	Height and	Weight (Adult)			
	18 Da	iys Ago	Nursing Specialist Assessment (NSA)				
	16 Mins Ago		Observations Intervention Required				
16 Mins Ago			Countersign				

Remember, a countersignature prompt will only be automatically generated when the observations are being recored on an Ipad.

41





If you have completed an observation via a desktop (only if an Ipad is unavailable), you can complete an intervention (if applicable) by selecting the task underneath the results.

Observations Due

Observations Intervention Required

Countersign

If a non-registered member of staff has taken a set of observations via a Desktop and the countersignature is required a task will be shown underneath the results.

16 Mins Ago Countersign

A registered member of staff can then countersign by signing into PPM+ either via a desktop or iPad and completing the Countersign Task. Remember, a countersignature prompt will only be displayed automatically when observation are recorded via an iPad.

42





Exceptions and scoring strategy with patients receiving O₂therapy

Oxygen is a medicine and must be prescribed when administered to patients.

- **1. Oxygen is a life saving drug for patients with low levels of oxygen (hypoxia).**
- 2. Some patients may be harmed by too much oxygen, as this can cause an increase in carbon dioxide levels.

Paediatric Advanced Warning Scores (PAWS) gives scores for SpO2 in air and on O2. Exceptions to these scores can be set, if deemed clinically appropriate, so that children with abnormal baseline values can still trigger alerts, if their

	cond	ition	chan	ges
--	------	-------	------	-----

Oxygen Saturation Score						
Score	$s SpO_2$ in air SpO_2 in O					
0	95 - 100%					
1	1 90-94% 95-10					
3	86 -89%	90 - 94%				
10	<85%	< 90%				
Saturation Exceptions						
	SpO_2 in O_2					
1						

Observation							
EDITE STPATIENT, Twentyone							
Born 01-Jan-2011 Gender Male							
■ Observations	🖽 Table	🔟 Chart	Se	ttings	Audit		
Respiration Rate	Respiration Rate						
Oxygen Saturation In Air				Revert To Strategy Default 3			
< 0 - 64	65 - 71	72 - 8	32	83 - 100			
Oxygen Saturation In O2				Ove	erride		
Blood Pressure					Override		
Capillary Refill Time					erride		
Heart Rate	Ove	erride					
Temperature				Ove	erride		
					✓ Save		



On a paper PAWS chart the exceptions are documented in this section.

Within PPM+ exceptions are recorded here. (By clicking settings in the observations).

Please note: When setting an exception to SpO₂ on PPM+, it is not possible to a generate PAWS score >1 when SpO₂ is above the target value. This might result in a lower than anticipated PAWS score in certain circumstances.

For example, if the patient has target SpO₂ of 80%-85% but their actual SpO₂ was 95%, this might be harmful and warrant an elevated PAWS score, but the system would record a maximum score of 1 for this SpO₂ value.

Users should be aware of this anomaly with the PPM+ functionality and remember that any PAWS score does not replace clinical judgement in the clinical assessment of the deteriorating child.

43





Useful Contacts

Please contact the Implementation Team for Digital support & Training: Handover, Specialist Referrals, PPM+ Mobile, e-Obs, PAWS...

Ext: 60599

leedsth-tr.ImplementationTeam@nhs.net

Please contact the Informatics Service Desk at x26655 or visit the portal at https://lth-dwp.onbmc.com, to:

- Reset your password.
- Report a problem you are having within PPM+ functionality.
- Report a data quality problem within PPM+.
- Request new user accounts for PPM+.
- Disable PPM+ accounts for any leavers from your department.

Please contact the PPM+ EHR team at leedsth-tr.EPR@nhs.net if you have any development ideas or comments on your experience of using the EHR.

If you would like to make a request for change to PPM+, please contact us at: leedsth-tr.EPR@nhs.net with a completed Request For Change (RFC) form available here.

Please contact the IT Training Department at ITTraining.LTHT@nhs.net if you require further training on PPM+ or any other Clinical System.

PPM+ Help Site: https://www.ppmsupport.leedsth.nhs.uk/ 44