



# NEWS on TRAK

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# Background

- April 2016 NHS Lothian introduced The National Early Warning Score (NEWS)
- In 2017 NEWS 2 was launched

## However,....

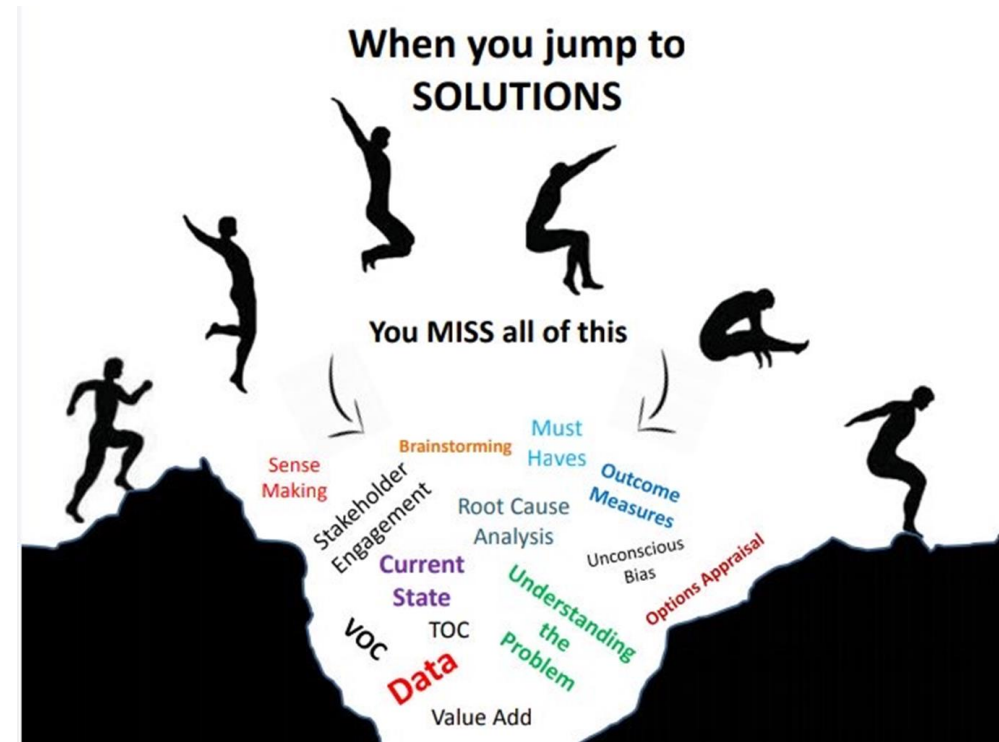
- Inaccurate or incomplete NEWS scoring
- Missed observations/ frequency incorrect for given NEWS score
- Unreliable documentation of escalation (themes from SAE's)
- Unreliable documentation of special instructions
- Lack of shared oversight of sickest patients at ward, department, site level.

# Quality Planning

- In May 2020 Part of 'Model Ward' Implementation group – Led by Acute Nurse Director Gillian McAuley
- Multi-professional team – ehealth, Nursing, Medical, Quality Advisors, Lead Nurse QI & Standards
- Met fortnightly via teams

## AIM

- To develop an electronic NEWS scoring system with visual management at Ward and Site level, for all Adult In-patient areas. Will be linked to NHS Lothian Quality Strategy, while assessing the ability to scale up across NHS Lothian in a flexible way responsive to service need.

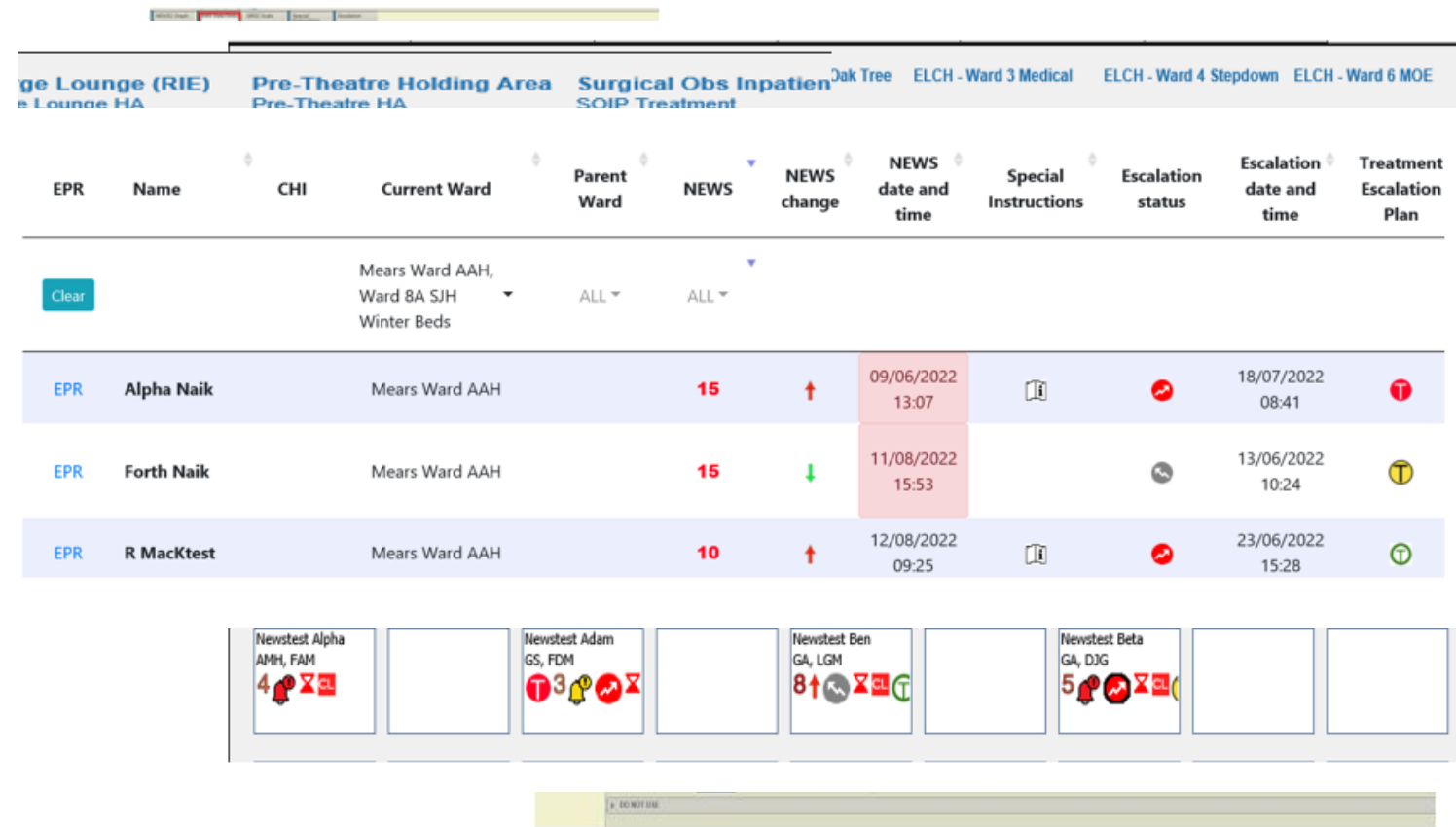






# What we built

- Integrated to EPR
- Reflects current NEWS chart functionality
- Reflects present NEWS chart presentation
- Prompts for escalation and actions linked to NEWS
- Documentation of escalation into the clinical notes
- NEWS integrated to ward floor Plan
- Integrated overview board



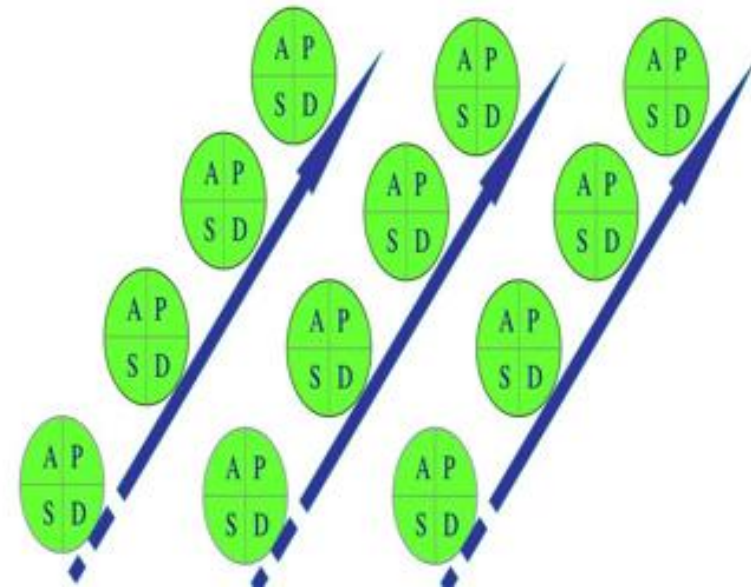
The screenshot displays a NEWS chart interface with the following components:

- Navigation Bar:** Includes tabs for 'Lounge Lounge (RIE)', 'Pre-Theatre Holding Area', 'Surgical Obs Inpatient', and 'ELCH - Ward 3 Medical', 'ELCH - Ward 4 Stepdown', 'ELCH - Ward 6 MOE'.
- Table Headers:** EPR, Name, CHI, Current Ward, Parent Ward, NEWS, NEWS change, NEWS date and time, Special Instructions, Escalation status, Escalation date and time, Treatment Escalation Plan.
- Table Data:**

EPR	Name	CHI	Current Ward	Parent Ward	NEWS	NEWS change	NEWS date and time	Special Instructions	Escalation status	Escalation date and time	Treatment Escalation Plan
Clear			Mears Ward AAH, Ward 8A SJH, Winter Beds	ALL	ALL						
EPR	Alpha Naik		Mears Ward AAH		15	↑	09/06/2022 13:07		🚨	18/07/2022 08:41	🚨
EPR	Forth Naik		Mears Ward AAH		15	↓	11/08/2022 15:53		🚫	13/06/2022 10:24	🕒
EPR	R MacKtest		Mears Ward AAH		10	↑	12/08/2022 09:25		🚨	23/06/2022 15:28	🕒
- Overview Board:** A row of cards for 'Newstest Alpha', 'Newstest Adam', 'Newstest Ben', and 'Newstest Beta', each showing a NEWS score and various status icons.

# How did we do it?

- Developing 'test' environment on Trak
- Ward based simulation
- Review findings, adapt to challenges identified
- Identify and respond to risks
- Developed a measurement plan
- Wide engagement
- Training Materials
- Contingency plans
- Reporting & approval via Acute CMG





# Launch Day - East Lothian Community Hospital

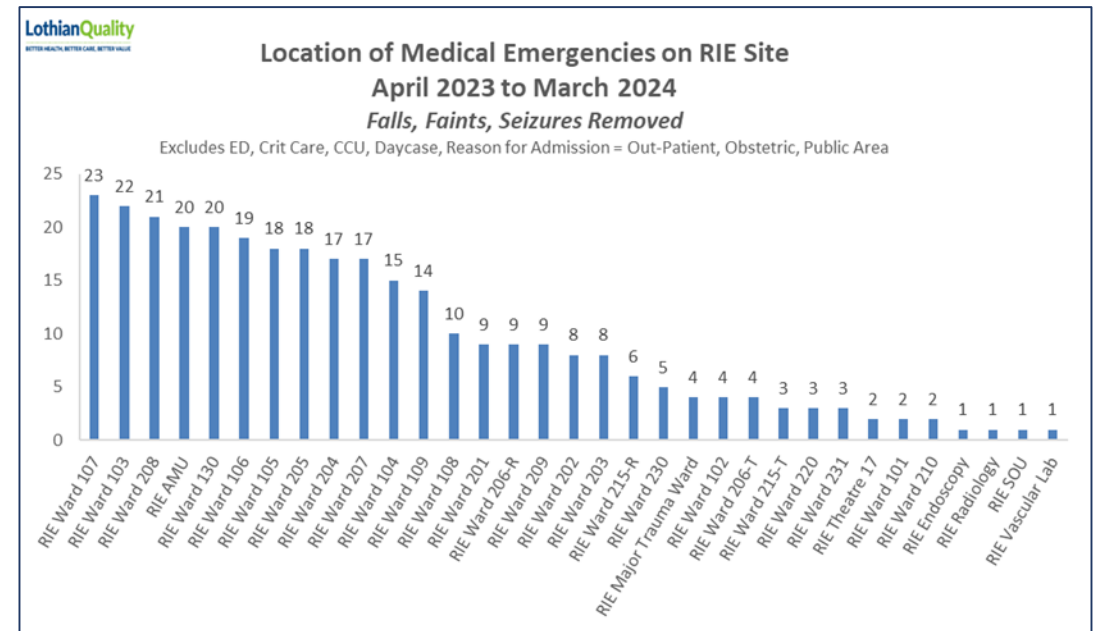
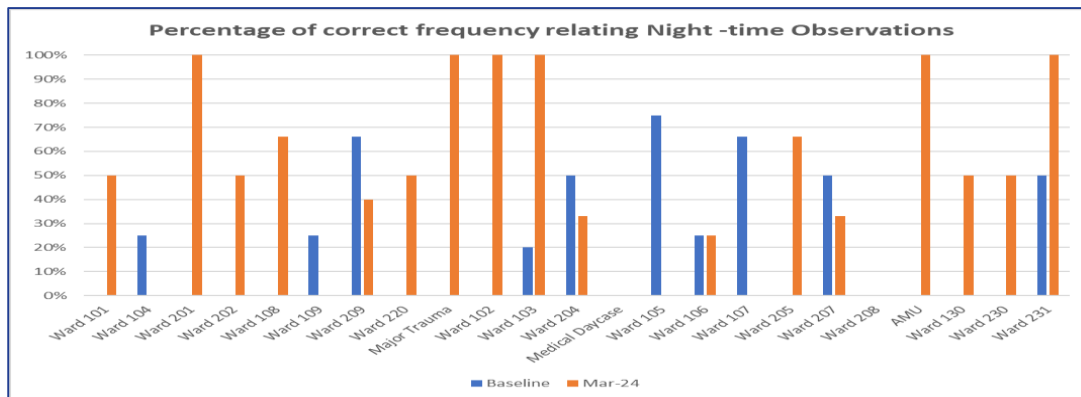
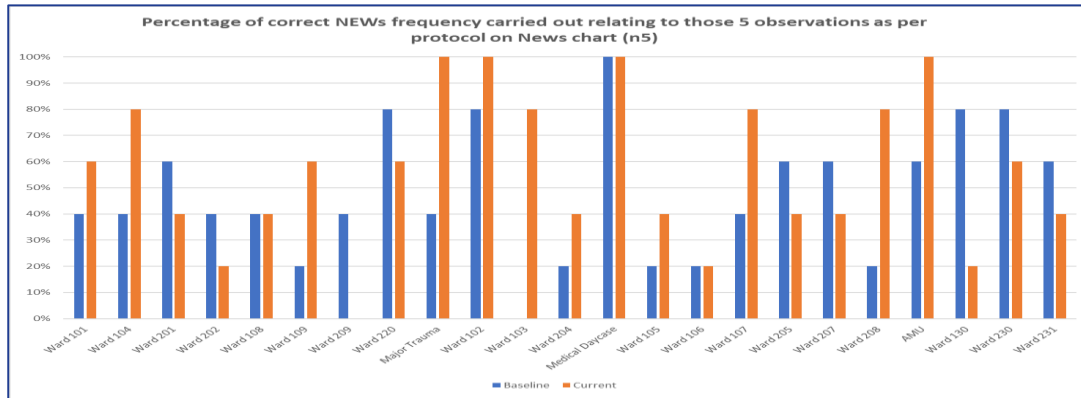
## 29<sup>th</sup> August 2022



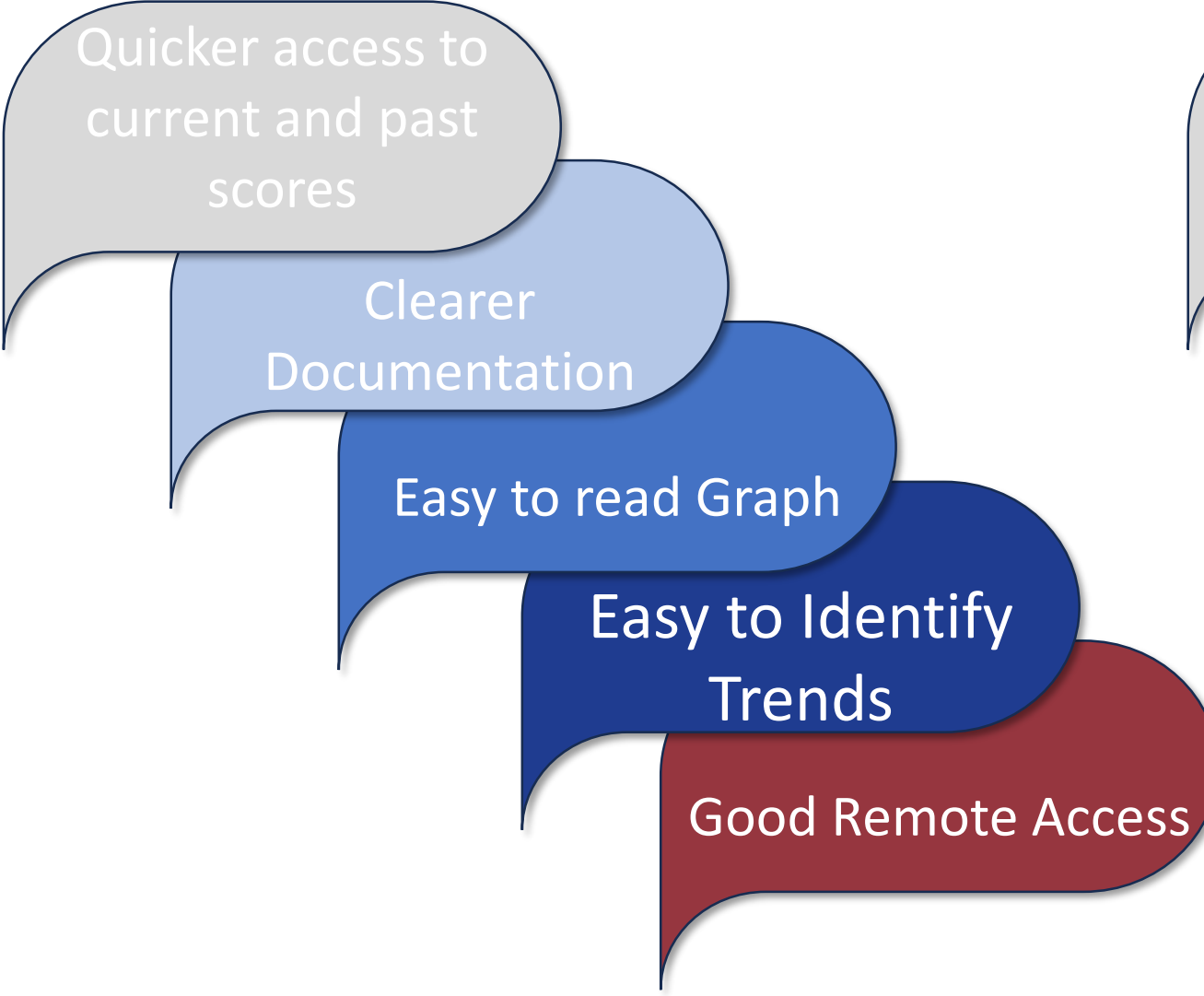
**NEWS  
on  
TRAK**



# Acute Data - RIE







Quicker access to  
current and past  
scores

Clearer  
Documentation

Easy to read Graph

Easy to Identify  
Trends

Good Remote Access

Takes longer to feed  
date into computer

Escalation screen -  
? Pop up box

GCS and Neuro Obs  
not included

# Staff Feedback



# Next steps

➤ Overview board ward/site huddle

➤ Emergency Department implementation

➤ Short life working groups – improvement work on NEWs on Trak compliance

Blood Glucose Input

Identifying different episodes



# News On Trak

Location Type/Site	Inpatients	Day Surgery	Emergency	Outpatients
AAH	4	0	0	0
ELCH	6	0	0	0
Ellen's Glen House	2	0	0	0
Ferryfield House	2	0	0	0
Findlay House	2	0	0	0
H@H	4	0	0	0
Islay Centre	3	0	0	0
LD Health Care Houses	2	0	0	0
Liberton	3	0	0	0
MLCH	5	0	0	0
REH	21	0	0	0
RIE	46	3	11	0
SJH	24	2	2	0
WGH	28	3	2	3
William Fraser Centre	3	0	0	0
<b>Total (15 locations)</b>	<b>155</b>	<b>8</b>	<b>15 (2)</b>	<b>3</b>

## What next.....

- Bi / boxi report every Ward / dept
- Updated Learn Pro
- PEWS – Trial July 2024

Thank you for listening



**NEWS  
on  
TRAK**