

Improving digital Observation of patients on 7B

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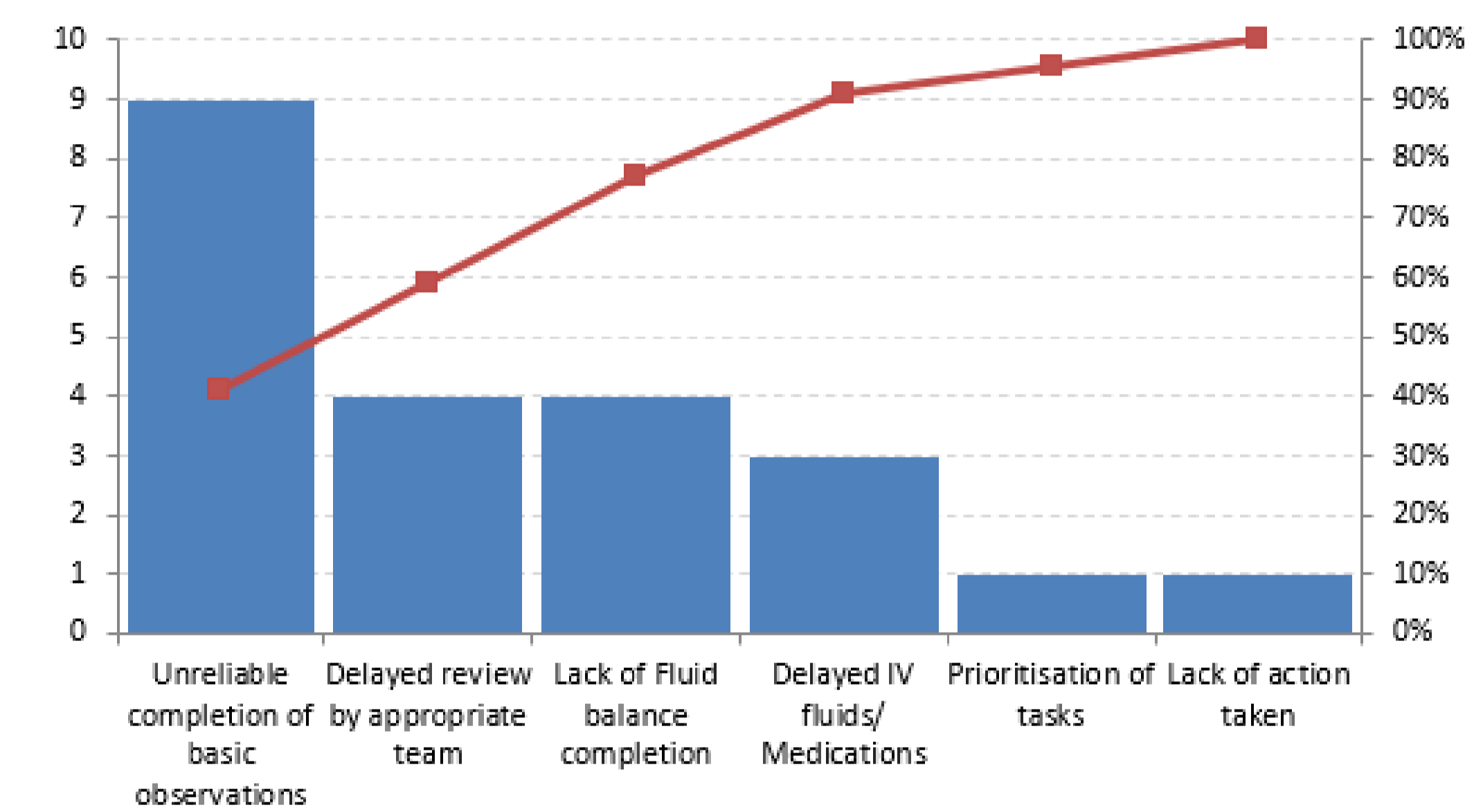
Introduction

Digital observations including fluid balance charts are inadequate and insufficient which leads to compromised patient safety and delayed discharges. E-ob's compliance is currently 36% and FB compliance is 35% well below where we would like them to be.

By improving compliance with digital observations, deterioration will be picked up earlier. This will reduce patient length of stay e.g. for stoma patients because this will be picked up earlier and treated sooner. It will have a positive outcome on patient journey, reduce bed days which will ease the budget. Moreover this will reduce incidence of patient deterioration

Aim

7B datix themes 2022-2023- Pareto Chart

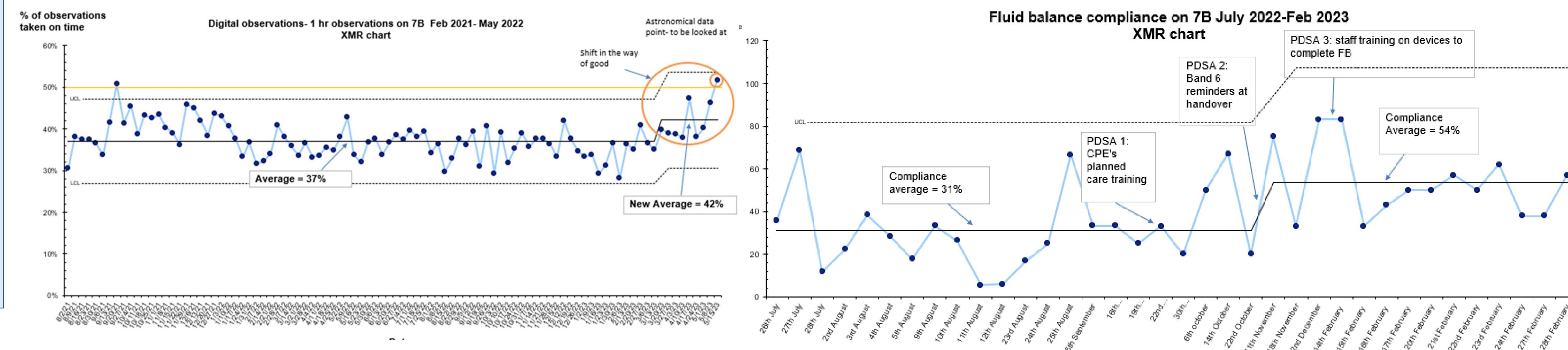


To improve compliance with digital observations (including fluid balance) on ward 7B to 50% by October 2023 and by 80% by March 2024

Physiological parameter	3	2	1	Score 0	1	2	3
Respiration rate (per minute)	≤8	9-11	12-20	≥21	21-24	≥25	
SpO ₂ Scale 1 (%)	≤91	92-93	94-95	≥96			
SpO ₂ Scale 2 (%)	≤83	84-85	86-87	88-92	93-94 on oxygen	95-96 on oxygen	≥97 on oxygen
Air or oxygen?		Oxygen	Air				
Systolic blood pressure (mmHg)	≤90	91-100	101-110	111-219			≥220
Pulse (per minute)	≤40	41-50	51-90	91-110	111-130	≥131	
Consciousness			Alert				CVPU
Temperature (°C)	≤35.0	35.1-36.0	36.1-38.0	38.1-39.0	≥39.1		



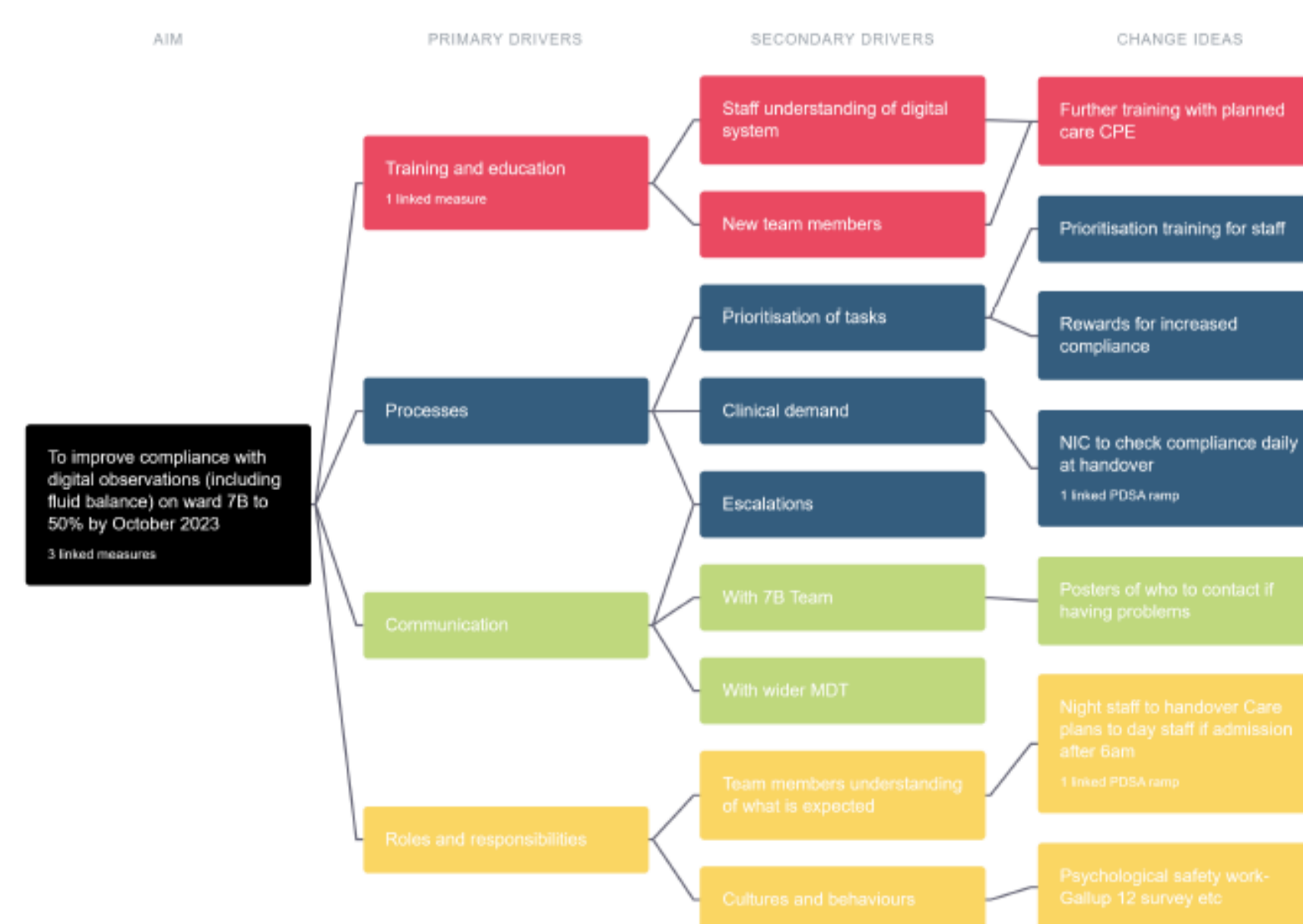
Impact



Change ideas

- Seek training support from clinical practice team.
- Included in safety huddles and nurse-in-charge to check at time of handover and asked the team to complete fluid balance chart and observation if any outstanding.
- Added on PSAG board which highlights overdue Fluid balance and Obs.
- New staffs are advised to shadow stoma nurse and sepsis team.

Driver Diagram



Leadership learning

- Transition from Band 6 to Band 7
- I had opportunity to discuss difficult issues at RCN programme as part of my leadership journey- using action learning sets.
- I learnt to brainstorm and look the problems from a different perspective to help me to formulate a solution
- RCN leadership programme has equipped me to be a better leader
- I had several opportunities to meet with senior management through RCN course and had a chance to listen to their journeys
- I have made a new network with all the leaders in our trust who works in different areas- This will be beneficial for me to discuss or seek advice from them whenever needed.

Next steps

- Stopping fluid balance chart who does not need one
- To discuss with digital transformation team
- Continue to monitor fluid balance and observation compliance
- Involve clinical practice team to engage in more training, focussing deteriorating patient.
- Allocate more training/ shadowing days with stoma nurse, CCOT and sepsis team
- To regularly show appreciation of the 7B team
- Circulate any positive feedback received from patient or other team.
- Arrange regular team meetings to discuss any incidents related to fluid balance chart and observation

Acknowledgement/s : Rebecca Nicholas, Tina Freeman, Resus Team, Stoma Nurses