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The Pennine Acute Hospitals

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Pennine Acute Hospital NHS Foundation Trust recently purchased 7 of the technology packages from My Improvement Network which consisted of 7 Large Touch Screen Units and 7 Tablet Devices as a means of improving the overall patient experience throughout their network of hospitals covering 4 locations. One of the key indicators of the project was to carry out an evaluation around falls. Base line falls data was already available and therefore we were able to start to measure the effectiveness of the system in contributing towards a reduction in falls. The system is able to produce information around its usage and how long it is being used for.

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Using a period of like for like comparing 2015/2016 over a 5 month period we were able to see that falls had reduced. The detail of this is recorded below in the table.



Ward	Falls 2015	Falls 2016	% Change	
ROH-AMU	40	35	12.5% Reduction	
Т3	35	32	8.6% Reduction	
F7	30	19	36.6% Reduction	
F10	33	30	9.0% Reduction	
Ward 21	59	31	47.5% Reduction	
15	38	37	2.63% Reduction	
E1	44	22	50% Reduction	
E3	47	27	42.55% Reduction	
Hennessey House	6	5	16.6% Reduction	

In addition to the evidence outcome a face to face audit was carried out in each area to obtain staff opinion on how effective they felt that the introduction of the technology had been. A snapshot of the questioning and responses included;

Who can use the system?	What are the benefits of the system?	Do you think it can reduce the incidence of falls?	Do you see it as part of the enhanced observation process?	
Patients/Staff & Relatives	Occupies, distracts, settles, focuses, stimulates, engages, builds confidence, helps, pts/staff interaction, reduces isolation through Group activities	Overwhelming yes from all staff interviewed	Overwhelming yes from all staff interviewed	

The overall use of the technology is proving valuable with patients who have a cognitive impairment, the staff feel that the technology definitely contributes towards distracting patients by calming them and reducing their anxiety. Some areas are setting up Film afternoons to cohort patients into the Day Room to either watch films or engage in the plethora of activities. This in turn encourages interaction between patients and reduces the need for 1:1 nursing. It also offers an opportunity for families to sit with their loved ones resulting in the provision of quality time for them.

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