



The impact of daily exercise classes on a rehab ward

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Introduction

When in hospital, elderly patients are at risk of both physical and cognitive deconditioning related to prolonged bed rest and inactivity, The World Health Organisation (WHO) recommends that, to improve health outcomes, older adults should complete 150-300 minutes of moderate intensity exercise per week– something that is difficult to meet within the hospital environment.



WINCHESTER



Exercise Bite Tracker Sheet

Week commencing:

Methods

- 15 minute seated exercise classes were introduced on Tuesday to Friday mornings on Ford Ward at Fordingbridge Hospital.
- Classes were completed in the 4-bed bays. And 1:1 in the isolated side rooms.
- The classes focused on posture, range of movement and resistance training – with the class tailored to each patient, including potential for progression.
- Patients were excluded from the class if they were medically unwell, declined to take part, or were unavailable.

	Exercise	Tuesday	Wednesday	Thursday	Friday
MPROTING TO BE					
		Warm Up			
1.	Neck rotations				
2	Neck				
	retractions				
3.	Trunk				
	rotations				
4.	Shoulder				
	circles				
5.	Ankle				
	movements				
б.	Seated				
	marching with				
	arm swing				
Main Exercises					
1.	Knee				
	extensions (3				
	second hold)				
2.	Hip				
	abductions				
3.	Resisted knee				
	extensions				
4.	Resisted hip				
	abduction				
5.	Upper back				
	straightener				
б.	Sit to stand				
Stratches/Conlidenum					
1	Chest Stretch	30	etcilesycoordown		
*-	citest atteten				
2.	Back of thigh				
	stretch				
		Date:	Date:	Date:	Date:
		Time:	Time:	Time:	Time:
		Sign:	Sign:	Sign:	Sign:





Data Collection

- The minutes of moderate intensity exercise for each patient that received face-to-face therapy input were counted. (Only data for patients who had spent Monday-Friday on the ward was included. No weekend data was included).
- The Elderly Mobility Scale (EMS) was used as an assessment of function.
- Satisfaction survey for feedback.











Results

The average minutes of exercise completed per week per patient, before and after the exercise classes started



Patient satisfaction with amount of therapy received whilst on Ford Ward







Key Findings

- 1. The introduction of daily exercises classes resulted in:
 - a) A 23% average increase in moderate intensity exercise completed by patients per week.
 - b) An increase from 1 to 3 patients achieving at least 150 minutes of moderate intensity exercise per week, as recommended by the WHO.
 - c) An improvement in patient satisfaction with the amount of therapy received.
 - d) Positive feedback from patients about the classes themselves.
 - e) An average increase of 1.75 points on the EMS scale.
 - f) Increased face-to-face exercise contact time received by patients in relation to the number of therapy staff working on the ward.
- 2. Despite patients experiencing an increase in face-to-face therapy input through the exercise classes, the patients still requested 'more' therapy intervention.
- 3. Further research is needed to understand the wider impact of daily exercises classes on the patients.





Conclusions

The introduction of daily exercise classes has, on average, increased patient activity on Ford Ward.

However, as this was only a small feasibility study, it is unclear if this increase will result in a functional impact for our patients, reduce their risk of falls or address hospital associated deconditioning.

But as the WHO Guidelines say:

Something is better than nothing!





References

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Thank you for listening!

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