

Case Study

Implementing the Mangar ELK Lifting Cushion and ISTUMBLE® App at Sutton Park Care Home



BACKGROUND

In July 2023, Sutton Park Care Home was approached by Birmingham and Solihull Integrated Care Board to trial the Mangar ELK Lifting Cushion and the ISTUMBLE® app. These innovative tools were introduced to enhance resident care and improve safety protocols, particularly for fall management

IMPLEMENTATION

Mangar ELK Lifting Cushion:

The ELK Lifting Cushion is a portable, inflatable device designed to lift individuals from the floor safely. The introduction aimed to provide a less intrusive alternative to traditional hoists.

ISTUMBLE App:

The ISTUMBLE health assessment app has been accredited and certified by Orcha for android and IOS, is DTAC compliant and achieved DCB0129, meaning it is approved by use by the NHS.

The algorithm provides users with clear instructions on when to call for an ambulance or when to use the Mangar lifting equipment to lift fallers from the floor.

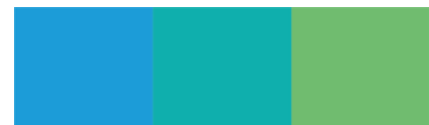
It empowers senior carers, especially during off-peak hours when senior management is unavailable.

OBJECTIVES:

- Enhance the decision-making process for senior carers during fall incidents
- Minimise ambulance callouts
- Reduce the use of traditional hoists to alleviate resident distress

"The Mangar ELK Lifting Cushion and ISTUMBLE® app have improved the team's ability to make decisions about safely moving a resident following a fall. The cushion has enabled a resident to be moved efficiently and effectively, and they've also turned what may have been a distressing experience for our residents into something more positive and manageable. We've seen fewer ambulance callouts"

– Su Edmonds, General Manager at Sutton Park Care Home



OUTCOMES

Operational Efficiency

- The Mangar ELK lifting cushion proved effective in confined spaces, reducing the need to move furniture or manually reposition residents.
- Senior carers found the ISTUMBLE® app invaluable in making informed decisions, reducing uncertainty, and enhancing their confidence during night shifts or when senior management was absent.

Improved Resident Experience

- Residents, particularly those with dementia, showed reduced anxiety when using the Mangar ELK compared to traditional hoists.
- The power of touch and calm communication helped residents feel more comfortable during the lifting process.
- Staff turned the experience into a positive one by singing "Raise You Up," making the process more enjoyable and less distressing.

Reduction in Ambulance Callouts

- The care home saw a decrease in the need for ambulance services.
- While head injuries and certain conditions still necessitated paramedic involvement, the Mangar ELK lifting device reduced reliance on external help for non-critical falls.
- The ISTUMBLE® app provided a clear protocol for when ambulance services were needed, further reducing unnecessary callouts.

CHALLENGES AND SOLUTIONS

Initial Resident Anxiety: Some residents were initially apprehensive about the new equipment.

Solution: Staff provided hands-on assistance and communicated each step calmly, often incorporating music to soothe and distract residents during the process.

Space Constraints: The care home has areas with restricted space due to furniture.

Solution: The ELK cushion's compact design required minimal movement of furniture, making it ideal for use in such environments.

CONCLUSION

The trial of the Mangar ELK Lifting Cushion and ISTUMBLE® app at Sutton Park Care Home has been a resounding success. These tools have significantly improved resident comfort and safety, empowered staff, and reduced the need for unnecessary ambulance callouts. The lifting equipment has proven to be a valuable addition to the care home's fall management strategy, ultimately enhancing the overall quality of care provided.