

# Improving prevention, identification, escalation and response to physical deterioration in care home residents in Rotherham

## Overview

There is an increased focus on the health of care home residents through the Enhanced Health in Care Homes (1) (model 1) and the National Managing Deterioration Safety Improvement Programme (2). Deterioration occurs when a resident moves from their normal clinical state to a worse clinical state. This increases their risk of morbidity, organ failure, hospital admission, further disability, and death. Care homes are social care settings with many frail residents who have the potential to deteriorate. They have unregistered staff who usually know their residents well and are highly skilled, but may not be confident in managing deterioration.

## Methods



We worked with colleagues in the Care Homes Advanced Nurse Practitioner (ANP) team at The Rotherham NHS Foundation Trust to offer a co-design and training day for care home staff. We met virtually over Microsoft Teams to organise the face-to-face training day and tailored material to meet local escalation pathways.

Presentations focussed on Prevention, Identification, Escalation and Response to deterioration (PIER). Tools such as; RESTORE2mini (3) and SBARD were shared. Workbooks, group discussion, exercises and quizzes were used throughout the day to consolidate learning.

All (n=20) participants completed a confidence questionnaire before and after the training day. The results are shown on the right.

## Results

Figure 1. Confidence in spotting early signs

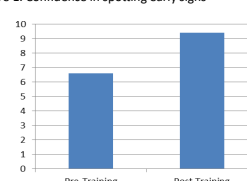


Figure 2. Confidence in vital signs



Figure 3. Confidence in escalating to a colleague

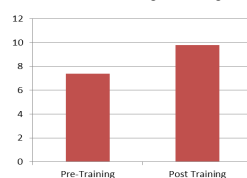
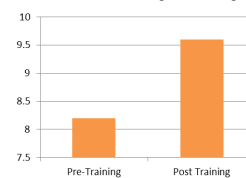


Figure 4. Confidence in escalating to others e.g. GP, ANP



## Conclusions

Following the training, care home staff reported improved confidence in all aspects of deterioration management, as illustrated in figures 1-4 above.

Further feedback was sought six months following the training day. Attendees described the training as 'invaluable and informative' for all members of the team (carers, senior carers, nurses, and care home managers). They suggested that all care home staff should be offered the opportunity to attend the training. The Care Homes ANP team reported that the training had improved relationships between care home staff and the clinical team who respond to concerns about deteriorating residents.

## Next Steps

The Rotherham NHS Foundation Trust ANP team plan to continue the care home deterioration training days with the assistance of Rotherham Metropolitan Borough Council colleagues. The ambition is to spread this training to other care home staff working in Rotherham. The Care Homes ANP team are hoping to evaluate the system-wide impact of this deterioration by looking at referral numbers into their service, ambulance calls and hospital admissions.

Yorkshire & Humber Improvement Academy colleagues continue to support deterioration training in care homes to other places across the Yorkshire and Humber region.

## The Yorkshire & Humber Improvement Academy:

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## References

1. Enhanced Health in Care Homes framework. <https://www.england.nhs.uk/community-health-services/ehch/>
2. The National Patient Safety Improvement Programmes. <https://www.england.nhs.uk/patient-safety/patient-safety-improvement-programmes>
3. RESTORE2™ official :: Hampshire and Isle of Wight ICS ([hantsiowhealthandcare.org.uk](http://hantsiowhealthandcare.org.uk))