National Patient Safety Improvement Programmes



Signs someone may be unwell and what should I do? (RESTORE2*mini*)

The physical deterioration and escalation tool for the care sector

@NatPatSIP / @MatNeoSIP

www.improvement.nhs.uk

Delivered by:

The AHSN Network

Wessex Patient Safety Collaborative

Led by:

NHS England
NHS Improvement



Information for Presenters using this slide deck

These slides have been developed as a resource for people seeking to implement RESTORE2*mini*.

They may be used as a standalone training resource or in conjunction with the RESTORE2 "Rollout Handbook" (April 2020). The Handbook refers to the full version of RESTORE2 for Care Homes which includes references to the National Early Warning Score (NEWS2) in those settings.

RESTORE2*mini* is a Soft Signs based approach and does not include the use of NEWS2. NEWS2 and the full version of RESTORE2 are referenced in these slides to explain the development of the RESTORE2*mini* tool and to clarify the differences between the versions for staff who may be aware of both. Other versions of the RESTORE2*mini* tool have been adapted so that the language is more appropriate for the care setting and presenters may wish to adapt these slides in a similar way.

Some relevant "Managing Deterioration" videos are referenced on the relevant slides. The short 3 minute videos from Health Education England may be used as a teaching aid during a training session or referred to as an available resource for future use.

These slides may be adapted by presenters as long as the content of the tools themselves are not amended in any way. This includes NEWS2, RESTORE2, SBARD and any other tools referred to.

Some other resources are signposted via some relevant Wessex PSC webpages. Presenters may wish to adapt the slides to point to other sites as well as, or instead of, the Wessex PSC information.

We hope you find these resources helpful to your work. Constructive feedback is always welcome to improve our materials, comments to geoff.cooper@wessexahsn.net

Wessex PSC - 13/3/2021







Signs someone may be unwell and what should I do?

Ask the person you support – how are you?

A Patient Safety Initiative co-produced by West Hampshire CCG & Wessex Patient Safety Collaborative



Deterioration, including Sepsis, is often recognised late, sometimes too late, and can have life changing consequences.

But what if we could identify it sooner?



and what if we all spoke the same language and could communicate our concerns better?

Soft Signs

(early indications of "unwellness") SBARD

(Situation - Background Recommendation - Decision)

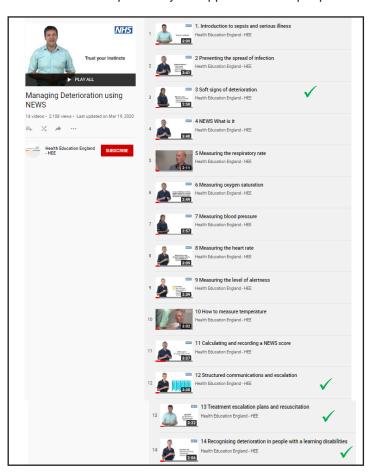
Additional Resources - Managing Deterioration Videos

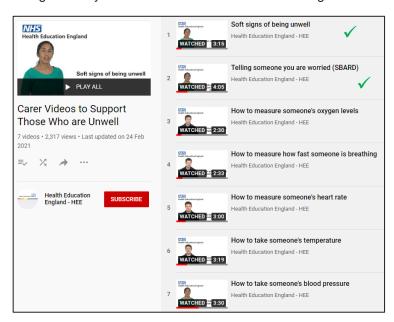


Wessex AHSN and West of England AHSN have collaborated with West Hampshire CCG (RESTORE2) and Health Education England to produce a series of free videos and e-learning materials to support staff working in care homes to care for residents who are at risk of deterioration.

14 Managing Deterioration Videos can be accessed via: https://wessexahsn.org.uk/projects/358/care-home-training-resources and individual videos applicable to the use of RESTORE2mini are flagged below with a green tick () and indicated on the relevant slides.

7 videos have been re-filmed specifically to support carers of people with a learning disability. These are shown in the list on the right.



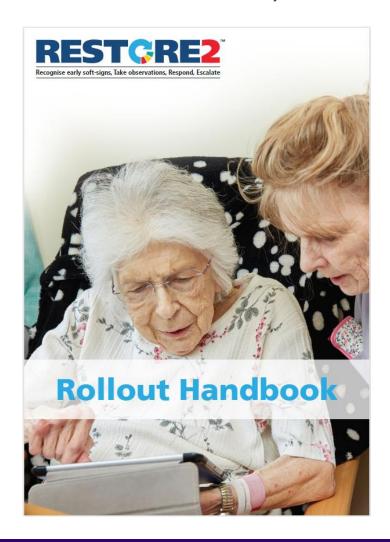


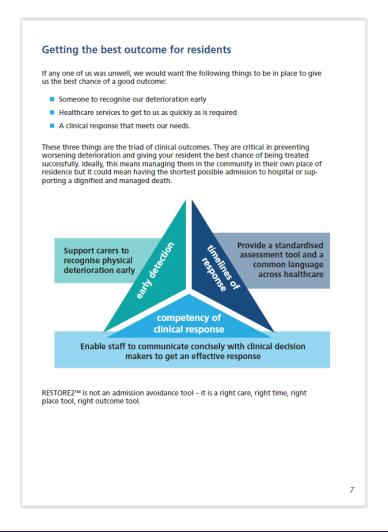
Additional Resources - Rollout Handbook



West Hampshire CCG have produced a Rollout Handbook for RESTORE2 to support staff working in care homes to care for residents who are at risk of deterioration. The handbook is available from https://westhampshireccg.nhs.uk/restore2/.

These training slides have been adapted for "Signs someone may be unwell and what should I do? (RESTORE2*mini*)". NB: Some of the slides refer to "Care Homes" and "Residents" as they are based on the Rollout Handbook and/or refer to the full RESTORE2 version.







Firstly, a quick word about...







How does RESTORE2™ work?

RESTORE2 $^{\text{TM}}$ has five key components that support carers to recognise deterioration, assess the risk and act on your findings:

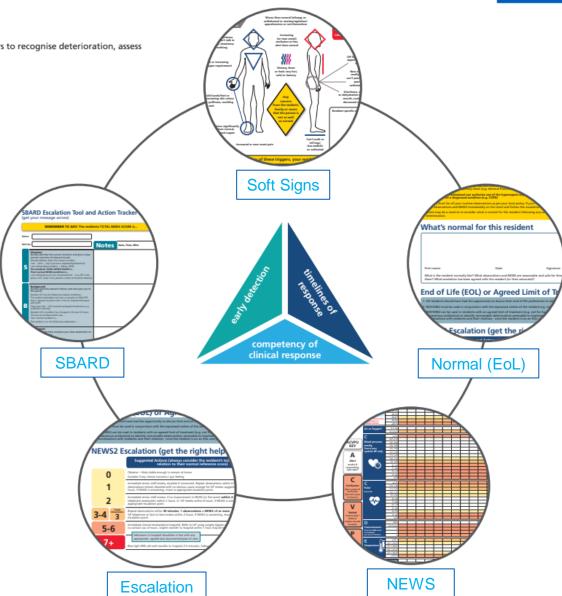
- The soft signs of deterioration which support carers to identify potentially unwell residents
- A 'what's normal for this resident' reference box so people understand when a residents condition has changed and what plans have been put in place to manage this. This includes their normal NEWS

Including advanced care plans (ACPs) and residents End of Life preferences

- National Early Warning Score physical observation chart that provides a standardised assessment of risk and sickness
- * Physical observations are also important to support Care Home "Virtual Wards" & video consultations by GPs
- An escalation pathway to ensure you 'get the right help'

Including ACPs and any organisational policies for raising concerns.

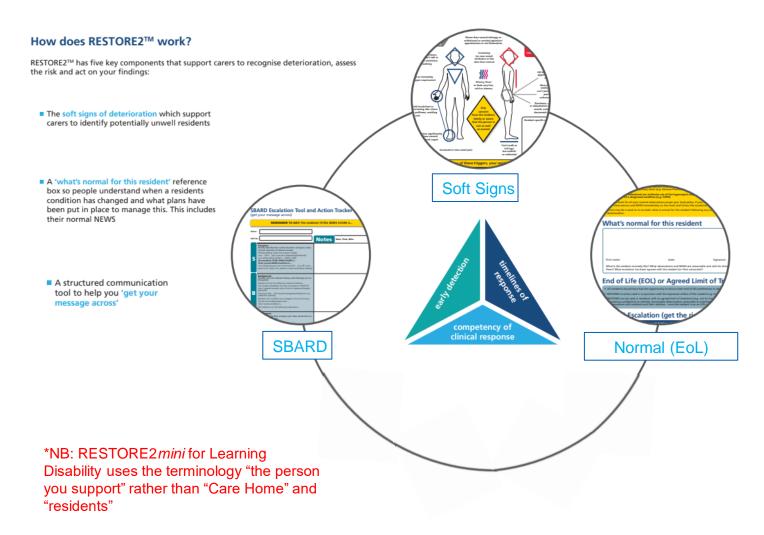
 A structured communication tool to help you 'get your message across'



Where does RESTORE2mini fit in?

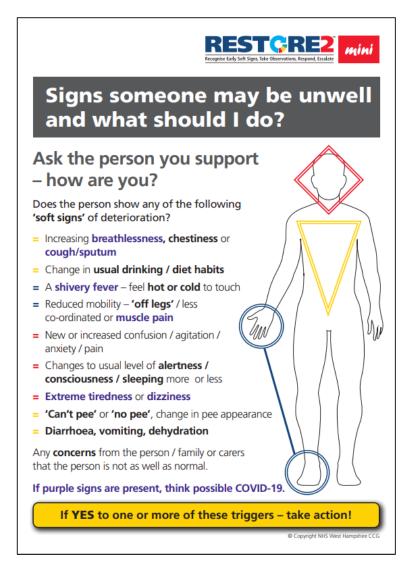






A Soft Signs approach to identifying Deterioration



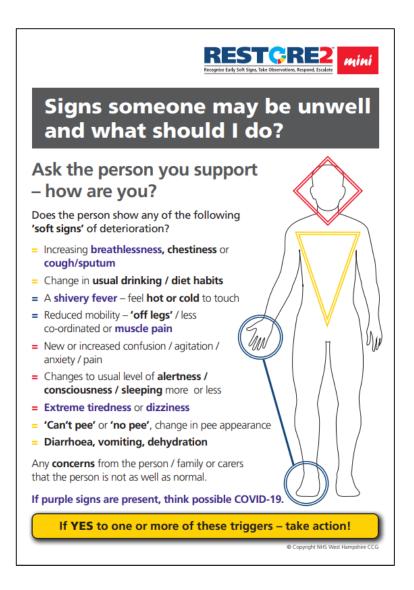


With purple (possible Covid-19) Soft Signs

Client name:		NHS	No.	D.(D.B.
the person yo need to call N this or consul	rt. If you are a far u support talk to t HS 111 or 999. S t a colleague or m ion Tool (below)	their nurse Support wo nanager. Tr	or GP. In ar rkers or hor y using the	n emergency me carers ca e SBARD St	you may an also do t ructured
	ition e.g. what's ened? How are th		y prompts /	decisions	
B their	ground e.g. wha normal, how have changed?	- 1			
_ A \	ssment e.g. what you observed / do	- 1			
	mmendation ed you to'				
D Decis	sion what have yo	ou			
Name of person completing:			Signature:		

A Soft Signs approach to identifying Deterioration





- Understanding Soft Signs
- Recognising Normal





Signs someone may be unwell and what should I do?

Understanding Soft Signs



Soft signs of being unwell

Health Education England - HEE

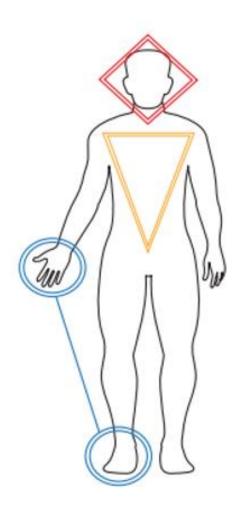
Increased risk
- Directory
- Checks overflowing
- Checks
- Under the 2:56

14 Recognising deterioration in people with a learning disabilities

Health Education England - HEE

Using Soft Signs to Identify early indications of Physical Deterioration





Early signs of physical "unwellness" can be recognised intuitively by physical healthcare practitioners as evidenced by people saying "I know something is wrong, I just don't know what".

Even people without training, but who are familiar with someone's usual behaviour and habits, can often sense a problem resulting in them reporting that the relative, person or child in their care "just isn't themselves".

There is some evidence to suggest that it is possible to identify physical deterioration before hard physiological signs are present with one study by Boockark et al finding that "Nursing assistants' documentation of signs of illness preceded chart documentation by an average of 5 days."

Geoff Cooper, Wessex PSC Programme Lead for Deterioration, has written a paper exploring the understanding of Soft Signs in the literature and their application to Deterioration. This paper can be downloaded from the Wessex PSC website at: https://wessexahsn.org.uk/projects/357/using-soft-signs-to-identify-early-indications-of-physical-deterioration

13

The Soft Signs of Physical Deterioration

As a carer, you spend time with residents and can get to know them very well. Sometimes it can be obvious that someone is unwell. Other times the signs might be much harder to spot.

What are soft signs?

Soft signs are the early indicators that someone might be becoming unwell. You do not have to be a health care professional to recognise these signs and as a carer you are ideally placed to recognise small changes in your resident. Often family and friends will pick up on the subtle changes in a person's behaviour, manner or appearance.

'Family concerns should always be taken seriously, even if you think the resident is fine.'

Types of soft signs

Soft signs can be related to many things including the resident's:

- physical presentation
- mental state or
- behaviour and ability

Examples of changes in a person's physical presentation could include:

- being short of breath
- not passing much urine
- being hot, cold or clammy to touch, or
- being unsteady when walking

Examples of changes in someone's mental state may include:

- feeling more anxious or agitated
- having new or worse confusion, or
- being more withdrawn than normal

Changes in behaviour or ability may include:

- altered sleep patterns
- increased tiredness
- reduced inhibitions, or
- being very restless or hyperactive.



Some soft signs are universal – for example new onset shortness of breath or decreased urine output. Others may be unique to that particular person, for example a sudden inability to participate in activities they enjoy like doing the crossword, a particular change in behaviour such as withdrawal, agitation or hyperactivity. By getting to know your resident, speaking with their family, friends and carers, you can build up a picture of soft signs that are significant to each particular resident.

Example soft signs

Mental	Physical	Behaviour or Ability
Worse than normal lethargy	Worsening shortness of breath (can't talk in sentences)	Altered sleep patterns
Withdrawn	New or increasing oxygen	Tiredness / not wanting to get out of bed
Anxiety/agitation or not themselves	requirement	Reduced inhibitions
More argumentative or tearful	Fast or unusually slow	Reduced awareness
Increasing (or new onset) confusion	breathing	Increased risk taking behaviour
Less alert than normal	Cold hands/feet	More restless / hyperactive
Reduced levels of concentration	Worsening skin colour	Loud or animated
concentration	Skin mottling or rash	Reduced interest in personal care
	Increased or new onset pain	Reduced interest in activities
	Observations significantly different from normal, including blood sugars	of daily living Anger / frustration outbursts
	Shivery, fever or feels very hot, cold or clammy	
/// //\	Off food, reduced appetite	
	Reduced fluid intake	Any concern from
	New offensive/smelly urine or can't pee / reduced pee	the resident, family or carers
\ \ /\ /	Reduced catheter output	that the resident is not as well as
	Diarrhoea, vomiting or dehydration (dry lips, mouth, sunken eyes, decreased skin tone)	normal
	Can't walk or 'off legs', less	*

A taxonomy of Soft Sign indicators of deterioration







Lack of awareness of their surroundings or others – change to normal client presentation MAINTAINING A SAFE ENVIRONMENT Unable to respond to dangers around them – crossing road etc. and managing traffic hazards – change to normal client presentation Avoiding carrying out certain activities – e.g. crossing road Withdrawn - avoiding public places Panic/anxious when left alone

Colour of skin and extremities

	Colour of skin and extren	nities		
	Exhaustion			
BREATHING	Using accessory muscles to breath			
	Unable to speak/out of b			
	Change in respiratory rat			
	Wheeze on breathing			
	Sweating	Reduced appetite		
	Pale and clammy Discolouration of skin Pale and clammy EATING AND No appetite Change in what would normal		No appetite	
			Change in what would normally like to eat	
	Chest pain	DRINKING	Refusing meals	
	Pain down arm		Unable to taste	
	Cold feet and legs		Increased urgent bowel movements following eat	
	Shortness of breath		Not doing normal weekly/routine shop	
	Abdominal pain		Buying significantly less than would normally for v	
			Fridge and cupboards empty – change for normal	
	Reduced mobility		Food not eaten – left to go stale	
	Loss of mobility		Reduced or increased fluid intake	
MOBILITY	Change in mobility		Visual signs of weight loss over a short period of t	
	Need to use walking aid		client	
	Need to take more rests		-clothes loose	
	Increased slips/trips or f		- skin dry and dehydrated	
	Refusing to mobilise/ge		Reduced energy levels compared to normal	
			Nausea	
			Vomiting	
			Swelling of tongue/throat	

	Increased agitation
	Increased confusion
BEHAVIOUR	Lack of interest/motivation
	Wandering – change to client's presentation
	Disorientated
	Deteriorating low mood
	Out of character behaviour changes
	Focus and fixation on death
	Hyperactivity compared to normal for client
	Paranoia
	Agitation
	Increase in obsessive behaviour – checking that door is locked/checking
	that they have their purse in their bag/checking the iron/cooker is
	turned off
	Increased patterns of repetitive behaviour
	Unable to identify people known to them
	Scratching self – <u>non verbal</u> communication of area of irritation/ pain
	Increased anxiety levels
	Visual/auditory hallucinations – change for <u>clients</u> presentation or
	increase if already experiences

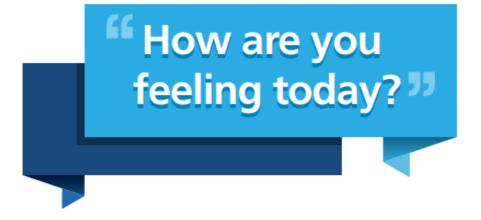
	Change in sleep pattern – increase or decrease	
	Increase in waking during the night which is not normal for the client	
SLEEPING	Waking early hours of the morning	
	Increase fatigue	
	Change in sleeping arrangements – i.e. from bed to chair	
	Change in sleeping positions to that of normal	
	Change in level of consciousness	
	Not responding to pain	
	Cat napping during the day	

	Lack of interest/wanting to get out of bed and get dressed		
PERSONAL CARE	Change in presentation – unkempt/unshaven/hair unwashed/clothes		
	not washed and clean – change for client		
	Becoming more dependant on others for help with personal care –		
	changes for client normal		
Urine-Decrease or increase in urination.			
	Pain/discomfort when passing urine.		
ELIMINATION	Increased urgency when needing to pass urine/open bowels		
	Offensive smell		
	Blood in urine, dark, cloudy etc.		
	Change in bowel habits – constipation/diarrhoea		
	Pain/discomfort when opening bowels		

Lack of interest in personal care - change from normal

Abdominal pain

How to spot soft signs



It is good practice to ask the people you care for, 'how are you feeling today'? Allow them time to answer the question in their own way and make a note of individual or unique soft signs in the resident's records for future reference.

You should encourage friends and family to tell you if they notice any soft signs.

Soft signs are particularly useful for residents who have difficulty communicating or understanding information due to dementia or learning difficulties.

'By learning about soft signs, you may be able to recognise deterioration early and act to protect your residents from serious illness'

Soft signs will lead into using the National Early Warning Score (NEWS) system as part of RESTORE2™ and escalating your concerns to a healthcare professional or senior colleague.



This slide is taken from the Rollout Workbook for Care Homes hence use of the term "resident".

People working in other care sectors or non-residential care settings may prefer to use the terms client or "person you support" instead.





Signs someone may be unwell and what should I do?

Recognising normal



Soft signs of being unwell

Health Education England - HEE



14 Recognising deterioration in people with a learning disabilities

Health Education England - HEE

Knowing your Resident

As a carer, you may know your resident better than any other healthcare professional that comes into contact with them.

It is really important that when the resident is admitted to your home:

- You complete a set of vital signs (physical observations) so that you know what is normal for them
- You take time to learn about their usual behaviours so you know if they start doing things that are not normal for them
- You understand their medical history, including any medicines that they regularly take
- You assume that they have the ability (capacity) to make decisions about what they want, including should they become unwell
- You have a conversation with the resident's GP about when and in what circumstances the GP might want you to call them with a concern

Knowing your resident will help you to support them to live well but also to think about what they would like to happen if they become unwell. This may include having a Treatment Escalation Plan or Do Not Attempt Cardiopulmonary Resuscitation order.



- As a carer you are ideally placed to recognise small changes in your resident
- By getting to know your resident, speaking with their family, friends and carers, you can build up a picture of soft signs that are significant to each particular resident
- If a resident has chest pain, a suspected heart attack or stroke – call 999.



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Treatment Escalation and Personal Care Plans



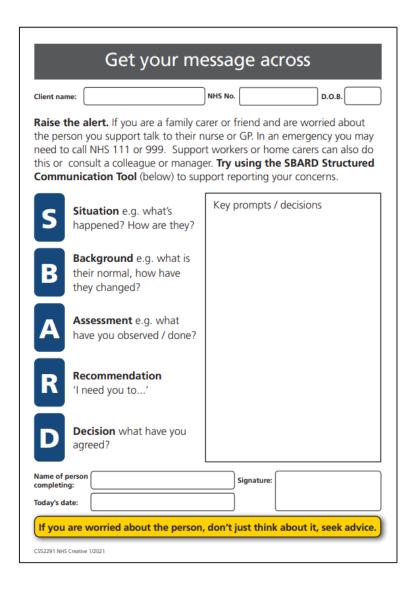
A Treatment Escalation Plan (TEP) or Personal Care Plan (PCP) include personal recommendations about an individual's medical care and are made with the client and their caring team, and often with their family.

Other relevant information about someone's personal care needs may also be found in:

- A healthcare or hospital passport which is a document with information about the person with learning disabilities and their health needs. More at: https://www.nhs.uk/conditions/learning-disabilities/going-into-hospital/ and a template hospital passport at: https://www.mencap.org.uk/advice-and-support/health/health-guides
- A Learning Disability Health Action Plan which is produced by a GP as part of a patient's annual health check. A health action plan identifies the patient's health needs, what will happen about them (including what the patient needs to do), who will help and when this will be reviewed. (More at: https://northlincolnshireccg.nhs.uk/learning-disability-health-action-plans/)
- A 'My Future Wishes Plan' which helps people with learning disabilities be involved in planning for their future care. (More at: https://www.nhft.nhs.uk/download.cfm?doc=docm93jijm4n13922)
- Living Well is a person-centred approach to supporting people to live with long term conditions and think about what they want for the end of their life. (More at: http://helensandersonassociates.co.uk/person-centred-practice/living-well/)

A Soft Signs approach to identifying Deterioration





- Raising the Alert
- Reporting Concerns / Using SBARD





Signs someone may be unwell and what should I do?

Raising the Alert and Reporting Concerns / Using SBARD



Telling someone you are worried (SBARD)

Health Education England - HEE

Telling someone you're worried (SBARD)





Do you know who to tell if you are worried about someone you care for?

How could you do this?





Follow your organisations reporting procedures









Getting your message across

Being able to communicate effectively is a critical skill for everyone working in healthcare. There is little point in recognising deterioration in someone you support if you are unable to communicate your concerns in a way that makes others take action to support you.

It can be difficult to communicate when you are under pressure or tired. It can be challenging communicating with so many different groups of people, including GPs, the ambulance service and community teams.

It is good practice to always try and plan your communication so you know what essential information you need to include. To assist you in getting your message across every time, RESTORE2 uses a Structured Communication Tool call SBARD. This is easy to use and helps information to be transferred accurately and safely between people.





Situation

Background

Assessment

Recommendation



Evidence shows that using SBARD helps with communication, confidence and patient safety.



- Evidence shows that using SBARD helps with communication, confidence and patient safety
- Practice using SBARD every time you are handing over information to a colleague or healthcare professional and soon it will become more familiar to you
- Have the SBARD template available next to the phone so that you can use it as a prompt when you need to
- Once you have escalated your concerns, you must still continue to attend to the immediate safety and comfort of the person you support
- Carry out and document any of the actions you have been asked to take
- Remember to continue measuring their vital signs to evidence any improvement or deterioration.













Situation



Start by explaining the current situation.

Introduce yourself and state your role. Explain where you are calling from, who you are and whether you are a carer or registered nurse and what your direct phone number is in case you get cut off. Provide key information about the resident including:

their full name, date of birth and NHS number. Explain what it is that you are concerned about and use the National Early Warning Score to tell them what the resident's current NEWS is and what would be normal for them.

Background



Briefly state the resident's relevant medical history and what has got you to the point of calling for help. This should include medical conditions, any treatments or medicines that they are on and whether they have an End of Life care plan or any limitations to treatment. You could include:

- the last GP review if relevant
- any new medicines like antibiotics
- test results that are awaited
- the resident's last set of vital signs.

Assessment



This is where you can summarise what action you have taken so far and suggest what you think might be happening. If you aren't sure what is going on, don't let this put you off raising your concerns! You could include:

- signs or symptoms e.g. diarrhoea, skin rash, pain or fatigue
- any pain relief or other medications you have given
- actions like re-positioning the resident
- other observations like urine output or blood sugar (glucose)

These slide are taken from the Rollout Workbook for Care Homes hence use of the term "resident".

People working in other care sectors or non-residential care settings may prefer to use the terms client or "person you support" instead.













Recommendation



Think about what you would like to happen next.

This may include whether you would want your client to be seen by a healthcare professional and how quickly. You can also ask what actions you could carry out, either to manage the client or whilst you wait for help to arrive. You could use phrases like:

- 'please could you...' or 'I need to you to...' and
- 'what do I need to do next?' or 'Is there anything I need to do in the meantime?'

Decision



Finally, summarise your agreed management plan so that you are both clear on what each of you will do to care for the unwell client.

Importantly, remember to document this conversation in the care plan. You could use phrases like:

- 'we have agreed that you will...' and 'I will do...' and
- 'if there is no improvement within XX, I will take XX action'

Calling for Help







- Always know your direct line telephone number so that a call handler or health professional can call you back quickly and easily without having to go through a switchboard, reception or other floor of your home
- If possible, use a portable device to make your call– that way if the ambulance service need to speak or see the resident they don't have to hang up and call back on a different line
- You may not be able to follow the SBARD structured communication tool when speaking to the ambulance call handlers as they use NHS pathways which takes them through specific questions in a certain order. However, by having planned your conversation you should have all of the necessary information to hand
- Some ambulance services use a different structured communication tool called ATMIST. You should use the communication tool you have been trained on and feel most comfortable with
- If your resident needs to be admitted, make sure your RESTORE2™ chart is copied for the crew or ask them to photograph it and upload it to their Electronic Patient Record. RESTORE2™ is your legal document. Don't send the original into hospital. If you are using a digital version of RESTORE2™, print the observations out for the crew to give to the hospital.

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Signs someone may be unwell and what should I do?

SBARD Example Scenario



Scenario - Hillary

Hillary (21) usually enjoys a good conversation, engages well with carers and has a wicked sense of humour. Hillary can be slow to process some information but is able to make her needs well known and can be assertive. Hillary may breathe faster when anxious and may become slightly confused. This is also common when she is becoming unwell. Hillary's condition can deteriorate quickly.



You notice that in the last 2 days Hillary has not been 'herself', appears restless, continuously pacing, irritable and snappy with anyone around. Hillary also seems to have lost the sparkle in her eyes and appears to be avoiding much eye contact. She also has been 'fussy' with her meals, eating and drinking very little.

Q:What would worry you about Hillary today?
What soft signs can you spot in Hillary?
What could you do to get Hillary the right help early?

Additional information and resources





https://wessexahsn.org.uk/projects/401/identifying-early-signs-of-worsening-health-in-a-person-with-a-learning-disability





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The RESTORE2™ Project Advisory Board