



Post COVID-19 Patient information pack

Helping you to recover
and manage your symptoms
following COVID-19



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What is Coronavirus (COVID-19)?

COVID-19 is a highly contagious virus that mainly attacks the lungs. It is transmitted through droplets created from sneezing and coughing from those infected. The virus enters the body via the nose, mouth and eyes.

The most commonly reported symptoms of COVID-19 are:

- a new continuous cough
- a fever
- fatigue
- muscle aches
- shortness of breath when moving around
- sputum production
- loss of appetite/taste/smell.

Some people may require hospitalisation to treat these symptoms.

The severity and duration of symptoms for people who have COVID-19 can vary.

For most people, symptoms last 7-14 days and will be very mild. To manage mild symptoms:

- stay hydrated
- take paracetamol if you have a temperature
- rest
- get up and move about at regular intervals.

If you need additional advice, visit the NHS 111 online service www.111.nhs.uk/covid-19/

What do I do if my symptoms get worse?

Monitor your symptoms regularly. If you get one of the following:

- Worsening shortness of breath
- A new or returning fever
- Worsening ability to concentrate
- Chest pain

Please call 111 for more advice or for a medical emergency, dial 999 immediately.

How might I feel after having COVID-19?

You may find that your symptoms last for weeks or possibly months, especially if you have been in hospital or had severe COVID-19 symptoms. This pack contains information on how to manage the following symptoms:

- **Severe fatigue**
- **Ongoing breathlessness**
- **Muscle weakness**
- **Post viral cough**
- **Difficulties with memory/confusion**

This might make it more difficult to do the things you are normally able to do, such as housework, having a wash, getting dressed or walking up and down the stairs.

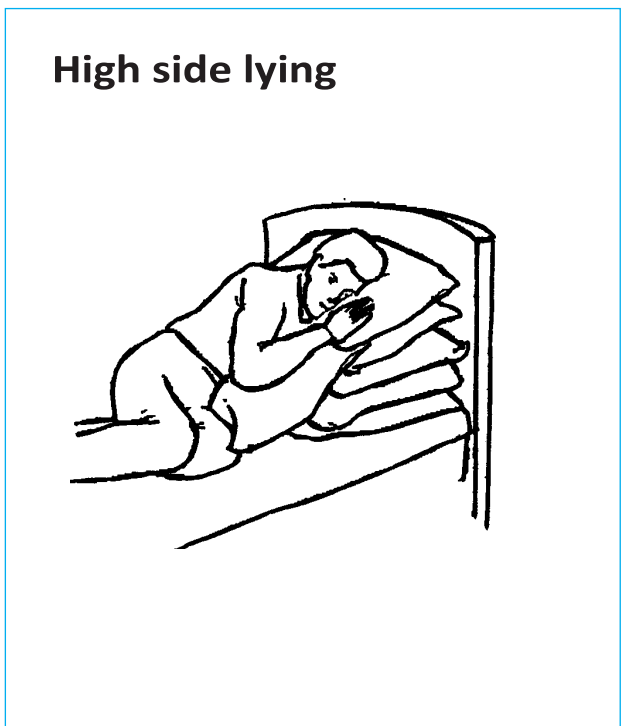
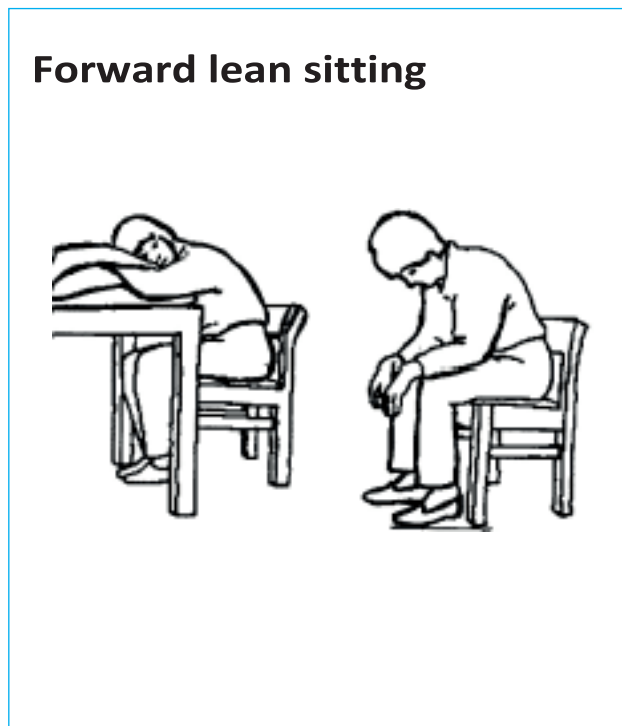
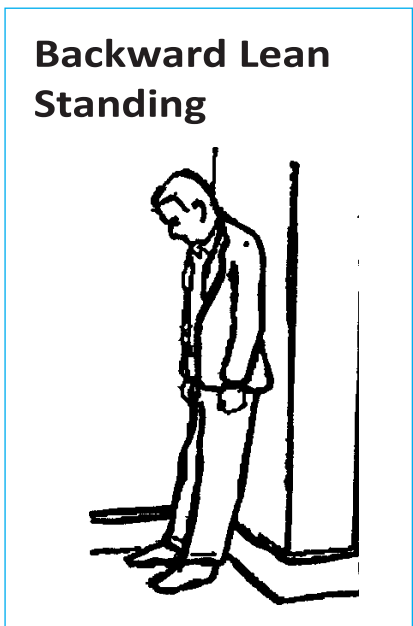
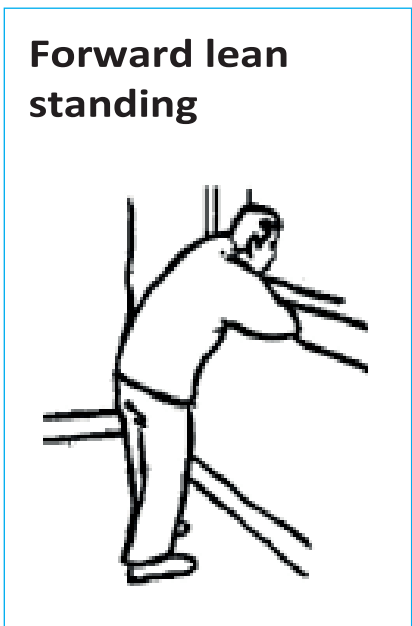
How are you feeling?

As well as the physical symptoms listed above, it is very common to experience feelings of anxiety and low mood. Some people who have had treatment in hospital may also experience anxiety or unpleasant memories about their stay. **For further support, please see page 22.**

Positions to manage breathlessness

Following COVID-19 you may find you have continued breathlessness. You should monitor this and if it gets worse seek further review from your GP or 111.

These positions can help ease your breathlessness and can be used when resting or when mobilising.

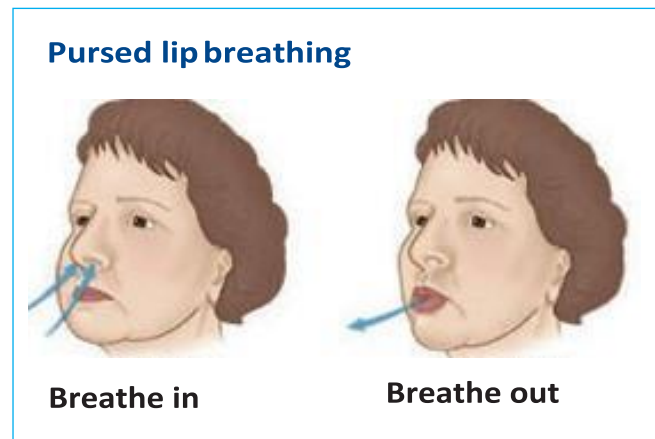


Exercises to help manage your breathing

Breathing exercises can help you manage your breathlessness and reduce its impact on your every day activities.

Breathing control

- Take a slow breath in through your nose
- Try to relax your shoulders and neck
- Allow the air to fill up from the bottom of your lungs to the top of your chest
- Breathe gently out through pursed lips (as if you were going to blow out a candle) to create space for the next breath in



Breathing control while walking

This will help you walk on the flat, climb stairs and negotiate slopes. Try to keep your shoulders and upper chest relaxed and use your breathing control. Time your breathing with your stepping.

- **Breathe in – 1 step**
- **Breathe out – 1 or 2 steps**

Keep cool

Make sure you have good air circulation in the room by opening a window or door.

Use a wet flannel to cool the area around your nose and mouth this can help reduced the sensation of breathlessness.

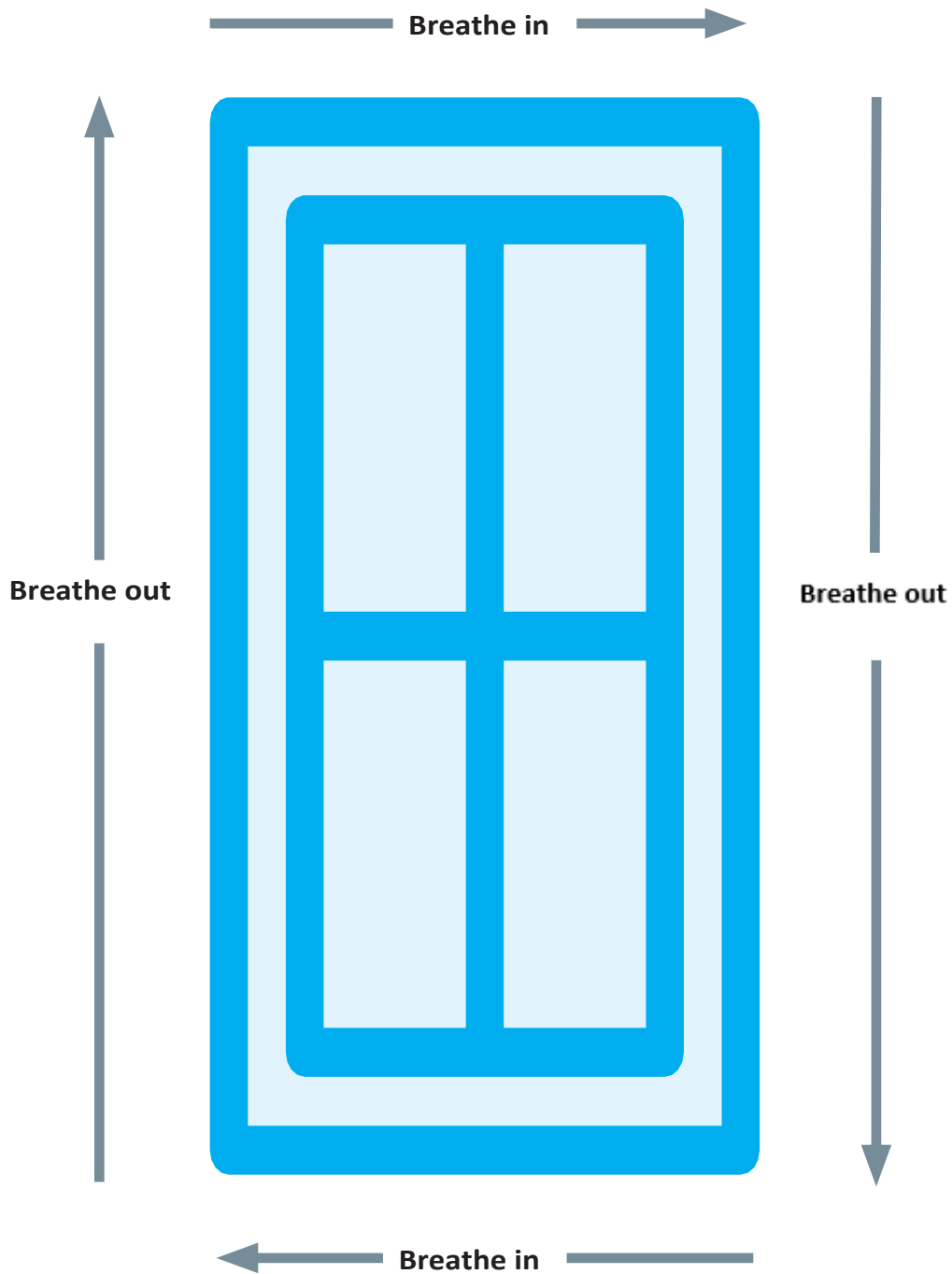
Additional oxygen will not make you feel less breathless!

Breathe a rectangle

Find a comfortable position.

Look for a rectangle shape in the room e.g. a window, door or TV screen.

Move around the sides of the rectangle with your eyes, breathing in on the short sides and out on the long sides.



Managing your cough

A dry cough is one of the most commonly reported symptoms for COVID-19 however in some cases it may be productive of phlegm.

Strategies to manage a dry cough

- Stay well hydrated
- Sipping a soft drink – take small sips, one after the other, avoid taking large sips
- Steam inhalation – pour hot water into a bowl and put your head over the bowl. If comfortable, cover your head and bowl with a towel
- Drink warm honey and lemon or another warm drink, this can help to soothe the throat
- If you do not have a drink to hand, but need to cough, try swallowing repeatedly. This can work in a similar way to sipping water

Strategies to manage a productive cough

- Keep well hydrated
- Steam inhalation
- Try lying on either side, as flat as you can. This can help drain the phlegm
- Try moving around; this will help to move the phlegm so that you can cough it out

The next page explains some exercises to help you clear your chest

Exercises to help clear your chest

Following COVID-19 you may find that you have a productive cough and mucus on your chest.

These exercises and positions can help you clear your chest. These may be recommended by your physiotherapist or nurse following COVID-19.

Active Cycle of Breathing Technique (ACBT) exercise consists of three breathing exercises that together help to clear the mucus off your chest.

1. Breathing control

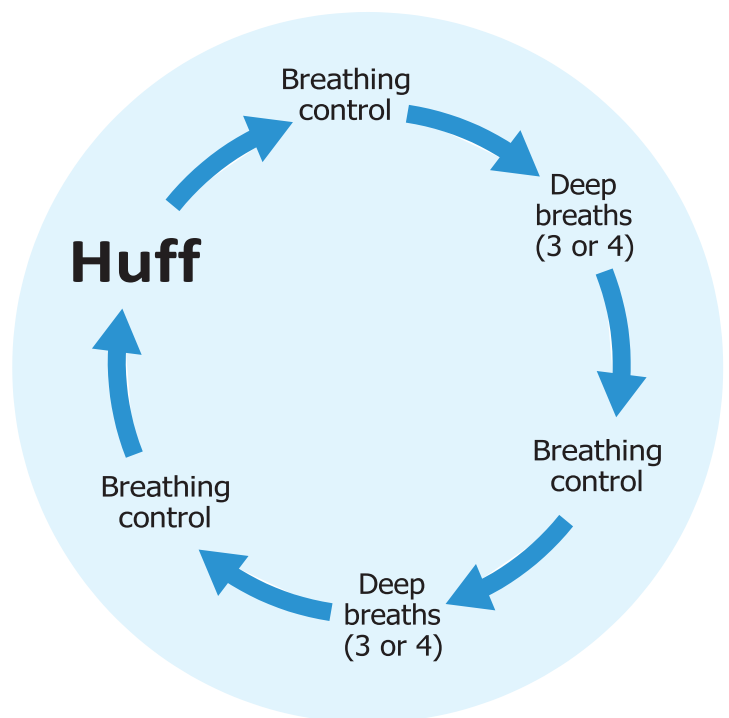
- Gentle, relaxed breathing with your shoulders relaxed

2. Deep breaths

- Breathe in slowly and deeply
- Gently breathe out without forcing it
- Repeat 3-4 times only (too many can make you feel dizzy)

3. Forced expiration techniques (Huff)

- Take a medium sized breath in
- Breathe out forcefully for a short time
- Keep your mouth open and use your stomach and chest muscles
- Think 'huffing' a mirror to polish it
- Repeat 1-2 times
- Always finish on a cough or huff
- Stop when your huff is dry on two consecutive cycles



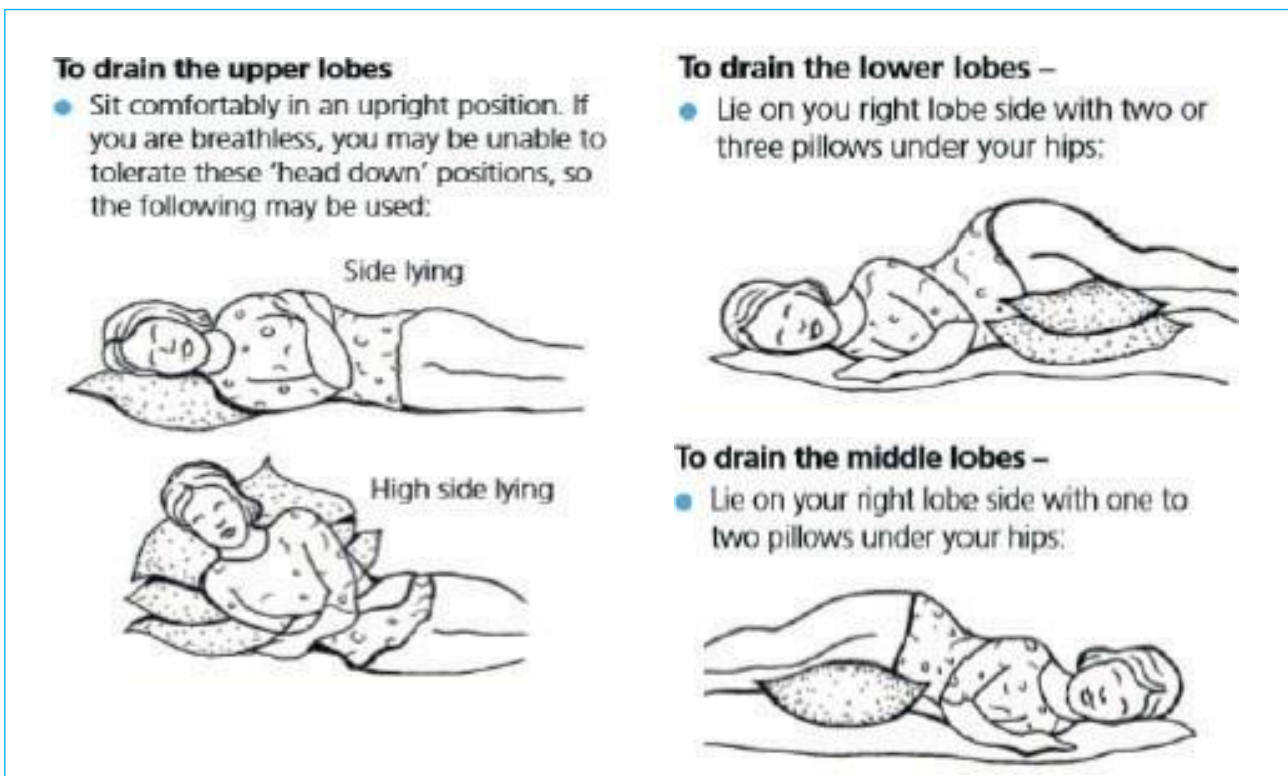
How often and how long?

- Continue to do until you feel your chest is clearer
- Clear as much mucus as you can without becoming exhausted
- Perform for at least 10 minutes, but no longer than 30 minutes
- If productive 2-3 times per day

Positions to help keep your chest clear

Use the following positions, along with ACBT to help clear your chest. However:

- don't use immediately before or after a meal
- stop if you have any side effects
- choose the position below that you feel would best drain your lungs, you can do this in discussion with a health care professional.



Do not do this if have:

- Nausea
- Acid Reflux
- Become significantly breathless
- Have blood in your phlegm
- Have a recent chest, spine or rib injury
- Feel wheezy

If you have any of the above, please speak with a health care professional before doing this.

Fatigue management

When you first arrive back home you are likely to find that your **energy levels fluctuate** from day to day.

Walking around your home might be difficult, including managing the stairs, accessing toileting facilities and managing your daily routine.

This may result in you needing to adapt the activities that you do to enable you to conserve your energy. **If you find your activities of daily living difficult, you may benefit from an assessment by the Integrated Urgent Care Team. To discuss call 0161 922 4888.**

Whilst you recover, you may need:

- to consider a different set up such as single level living either downstairs or upstairs whilst you recover
- specialist equipment to make things easier.

Understanding your energy levels



- **Imagine you had 10 bags of beans to fuel your day.**



- **When you are feeling well, it may feel like getting up from bed uses up half a bag of beans.**



- **Whilst you are recovering, this may now feel like it uses up 4 bags of beans meaning you only have 6 bags left to use for the rest of the day.**

With this analogy in mind it may be useful to keep a note of how tiring different activities are for you in order to help you understand the pattern of your fatigue and enable you to manage and adapt to this better.

Conserving your energy using the 'four Ps'

Planning

Planning includes organising daily routines to allow completion of essential activities when you have the most energy.

E.g. many find it more helpful to perform strenuous tasks such as dressing early in the day when strength and stamina are often at their peak.

It is important to think about the task prior to performing the task and expending physical energy.



Consider the following:

- Think about the steps that need to be completed and items required for the task.
- Prepare the required items ahead of time.
- Keep frequently used items in easily accessible places.
- Have duplicate items available to limit unnecessary trips between the bathroom, bedroom, or kitchen.
- Consider using a bag, basket, or rolling trolley to carry tools or supplies in one trip.
- Consider your weekly routine. It will be beneficial to schedule strenuous activities, such as going to the hairdresser, attending religious services, and shopping, evenly throughout the week instead of all in one day.

Pacing

Once activities are planned, pacing allows individuals to sustain an energy level until the task is completed.



Consider the following:

- Allow plenty of time to complete activities and incorporate frequent rests.
- Perform tasks at a moderate rate and avoid rushing. Although a task may be completed in less time, rushing utilises more energy and leaves less 'in the bank' for later activities.
- Allow plenty of time for rest and relaxation. Take a morning or afternoon nap prior to activities or outings to build up energy.
- Breathe easily and properly during activities. Using these techniques helps decrease shortness of breathe.
- Rethink activities with rest in mind. For example, sit instead of stand while folding clothes or preparing food. Instead of writing 25 holiday cards in one day consider writing five cards per day over five days.

Prioritising

The third strategy is often the most challenging. When faced with limited energy reserves individuals must look critically at work, family, and social roles and keep only those roles that are necessary and pleasurable.



Consider the following:

- Can a friend or family member assist with chores e.g. emptying the rubbish, vacuuming so you have more energy for necessary and pleasurable tasks?
- Eliminate unnecessary tasks, chores or steps of an activity. Look for shortcuts and loosen the rules.
- Be flexible in daily routines enables you to enjoy activities you would like otherwise miss because of fatigue.

Positioning

Positioning is extremely effective, but not often considered when addressing energy conservation. Current methods of performing tasks may be using more energy than required.



Consider the following:

- Storing items at a convenient height to avoid excessive and prolonged stooping and stretching.
- Make sure all work surfaces are at the correct height. If a counter is too short, slouching and bending can occur which results in more energy expenditure.
- Use long-handled devices such as reachers or telescope cleaning tools to avoid unnecessary bending and reaching.
- Facilitate bathing - use a shower seat and a hand-held shower head.

The emotional impact

The experience of having COVID-19 can be very frightening. It is very understandable that the experience can have an emotional impact.

Whether you have had mild or more severe symptoms, these are some common difficulties that you may be having:

- Feeling anxious when breathless
- Worries about health or about family or friends getting ill
- Feeling low in mood
- Poor sleep

If you were treated in hospital, you may also experience:

- unpleasant images from your stay, that might seem to come 'out of the blue'
- nightmares
- feelings of panic with any reminders of hospital.

What can help?

- Avoid watching too much news or social media if it is making you feel anxious, try limiting yourself to looking at the news once a day
- Speak to family and friends
- Try to do activities that you find enjoyable and relaxing
- Don't be too hard on yourself if there are some things that you are finding harder to do, remind yourself that recovery takes time
- Focus on what is in your control like eating well
- If you continue to feel overwhelmed by your symptoms, speak to your GP or see pages 22 and 23 of this pack for further resources

Relaxation techniques

Relaxation is an important part of energy conservation.

It can also help you to control your anxiety, improve the quality of your life and reduce pain and discomfort. Below are two relaxation techniques you can use to manage anxiety and help you relax.

Grounding technique for when you feel anxious

Take a few slow breaths and ask yourself:

- What are five things I can see?
- What are four things I can feel?
- What are three things I can hear?
- What are two things that I can smell?
- What is one thing I can taste?

Think of these answers to yourself slowly, one sense at a time spending at least 10 seconds focusing on each sense.

Picture yourself somewhere calm

Think of somewhere relaxing and peaceful. It could be a memory of somewhere you've been or a made up place.

Close your eyes, and think about the details of this place.

What does it look like:

- What colours and shapes can you see?
- Can you hear any sounds?
- Is it warm or cool?
- What does the ground feel like?

Spend some time imagining each of these.

Managing your diet post COVID-19 (1)

You may find your taste changes during and for a period of time following COVID-19. Your appetite may also not be as good as usual. However it is important to eat well and remain well hydrated to help you recover.

What makes food and drink important?

When our body is fighting an infection it needs more **energy** and more **fluids** to help; so we need to eat and drink more than we usually would if we were well.

When our body is recovering from an infection it needs more building blocks (from **protein** foods) for healthy muscles and to improve your strength. Vitamins and minerals are also important to support your immune system and ensure you get a balanced diet.

What can you do to make the most of your food and drink?

Continuing to choose foods higher in protein together with gradually getting back to normal activity levels will help to rebuild your strength.

Aim to have **3** hand size items from this **Protein** group daily – include at each meal.



Fish, eggs, meat, beans, pulses, nuts or tofu.

Aim to have **3** portions (a serving is approx. 200ml milk, 3oz / 100g cheese, 1 pot of yogurt) from this **Dairy*** group daily



***If you have a poor appetite or want to gain weight choose the full fat and full sugar versions.**

Managing your diet post COVID-19 (2)

How can you get enough vitamins and minerals?

Aim to have 5 handfuls of fruit and vegetables each day*

Fresh, frozen and tinned varieties all count.

If you have a poor appetite / need to gain weight then serve fruit with full fat yogurt, custard or cream and vegetables with butter or grated cheese to increase your energy intake.

***If this is difficult you may want to buy a daily multivitamin & mineral supplement; your pharmacist can advise you.**

Spend some time outdoors each day if you can and consider taking a Vitamin D supplement.

In the UK, a supplement of 10 micrograms a day is recommended.



If you are struggling to eat well or are losing weight / need more help and support, ask your GP to refer you to the community dietitian

Useful nutrition information online:

www.bda.uk.com/resource/malnutrition-pathway-covid-19-leaflets.html

Diet and shopping support

Community Hubs across Greater Manchester: 0161 342 8355

Glossop: 01629 533190

For those who need to shield:

www.coronavirus-vulnerable-people.service.gov.uk

Physical activity advice following COVID-19

Spending time in hospital or being ill at home with COVID-19 can result in a significant reduction in muscle strength, particularly in your legs. This can be for a number of reasons, but mainly due to inactivity.

It's not harmful to get out of breath when doing physical activity, this is a normal response.

However if you are too breathless to speak, slow down until your breathing improves. Try not to get so breathless that you have to stop immediately, remember to pace your activities.

You might have been given some exercises to do in hospital or in the community by a physiotherapist. Make sure you keep doing these regularly.

If you are unsure about these, or you would like input from a physiotherapist, your GP will be able refer you to the appropriate physiotherapy service.



Or if you are concerned that your mobility has significant deteriorating please contact the Integrated Urgent Care Team on 0161 922 4888.

For a free exercise App which creates an individualised 12-week exercise plan based on the health information you enter, search for 'iPrescribe Exercise' in your usual App store, or for more information visit www.nhs.uk/apps-library/iprescribe-exercise/

Social life and hobbies

When you've been seriously ill, you may feel differently about things and you may not want to do things you used to enjoy. You may:

- not feel like seeing lots of people at once
- find it difficult to concentrate
- find it hard to follow a TV programme.

Your concentration will get better and your memory will usually improve.

Physical activity advice - how hard should it be?

Breathlessness scale

	0	Not at all
	0.5	Very, very slight (just noticeable)
	1	Very slight
	2	Slight
When you are doing physical activity, it is ok to feel moderately breathless	3	Moderate
	4	Somewhat
	5	Severe
	6	
	7	Very severe
	8	
	9	Very, very severe (almost maximal)
	10	Maximal

Smoking and COVID-19

- Smoking tobacco products increase your risk of infection due to the harm caused to your immune system and lungs.
- Smoking is linked with poorer outcomes in COVID-19.
- Its never too late to stop.
- By stopping you can see benefits within 24 hours.

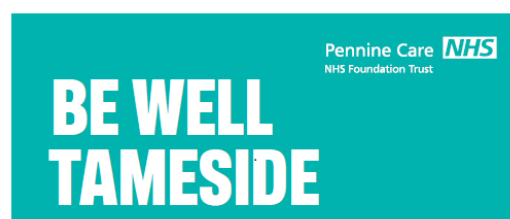
Be Well Tameside and **Live Life Better Derbyshire** continue to support people with stopping smoking by telephone and medication via a pharmacy. If you would like information on how to stop call:

Tameside: 0161 716 200

Email: bewelltameside@nhs.net

Glossop: 0800 085 2299

Email: llbd.info@derbyshire.gov.uk



Support for patients and families post COVID-19

Asthma UK and The British Lung Foundation - have set up a support hub to provide information and dedicated support for people who have been diagnosed with COVID-19 and their family members.

This can be accessed at:

<https://www.asthma.org.uk/advice/triggers/coronavirus-covid-19/>

<https://www.blf.org.uk/support-for-you/coronavirus>

If you were cared for on Critical Care whilst in hospital due to COVID-19 and you or your family urgently need to discuss elements of your stay or your recovery, you can contact the Critical Care Outreach team on **0161 922 4260** or **0161 922 6868**.

What to do if my symptoms do not improve

The length of time that it takes to recover from COVID-19 varies from person to person, for some it will be days, others weeks or months.

The more severe your symptoms, the longer it might take for you to return to what is normal for you.

If however after 6-8 weeks, you are still experiencing symptoms, please contact your GP for further review.

Getting psychological support

Feeling anxious or low in mood is very normal when recovering from COVID-19. You can discuss this with your family and friends or GP if you feel able to.

However, if it feels like it is going on too long or you are finding it hard to cope, you can contact:

Minds Matter: 0161 343 5748

Tameside, Oldham & Glossop MIND: 0161 330 9223

Healthy Minds: 0161 716 4242

For Children 0161 716 3600

A full list of services can be found on the website below:

www.tamesideandglossopccg.org/mentalhealthsupport

If you or someone else is in immediate risk of serious harm or injury, you should call the emergency services by **dialling 999**.

If you are in crisis, your situation is very serious and you need help immediately or in life threatening situations, the Accident & Emergency department at your General Hospital is open 24 hours a day, every day of the year.

Alternatively ring **Samaritans Crisis helpline on 116 123**, or **text 'SHOUT' to 85258**

This help is also available for your family or carers, who may experience anxiety, depression or acute stress reactions following your diagnosis and recovery of COVID-19.



Acknowledgements:

Higginson IJ, Maddocks M, Bayly J, Brighton LJ, Hutchinson A, Booth S, Ogden M, Farquhar M. on behalf of the NIHR Applied Research Collaborative Palliative and End of Life Care Theme. April 3rd 2020. Managing your breathlessness at home during the corona virus (COVID-19) outbreak.

St. George's University Hospitals NHS Foundation Trust (2020). COVID-19 Managing Breathlessness.

ACERS Team, Homerton NHS Foundation Trust



