



January 2025 review:

CESEL are currently undertaking a review of this guide, in light recently-published NICE/BTS/SIGN Asthma Guidance (NG245). The review has highlighted that some of the hyperlinks require updating. This will be included as part of the review/ update.

Asthma in adults

18 years and over

A guide for South East London General Practice[©]

Key Messages

- All patients should be treated with an inhaled corticosteroid (ICS) to reduce airway inflammation.
- Short acting beta agonists (SABA) provide short term relief only and should always be used alongside a regular ICS. SABA overuse risks exacerbations.
- Check adherence, inhaler technique and update personal asthma action plan (PAAP) at least annually.
- Document your reasons for diagnosing asthma or suspected asthma.

CESEL Children and Young People's Asthma Guide here

Always work within your knowledge and competency

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This guide covers the care of adults with asthma or suspected asthma.

Use the links on this contents page to help you navigate to the section you need, Links throughout the guide interconnect sections of the guide and supporting information.

A separate children and young people's asthma guide can be, found here.

Why focus on Asthma?¹

The South East London picture

Diagnosis can be improved

Asthma is the 3rd most prevalent condition in South East London (SEL) but our captured prevalence is lower than national average, suggesting we have not coded or diagnosed all cases and that there is unmet need. (Recorded SEL prevalence 4.9% SEL compared to 6.4% nationally).^{1,2}

Incorrect diagnosis of asthma is common and leads to unnecessary treatment.³

Asthma is not evenly spread, with higher rates in⁴: African, Caribbean and Asian families, People living in deprivation, People living close to major roads.

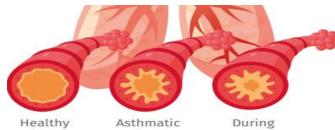
Asthma is dangerous

In SEL we have higher than national average hospital admissions for young people with asthma².

There are over 20 asthma deaths across SEL every year, including adults and children and young people, and many more near misses.

Asthma deaths^{2,5}

- are largely attributable to avoidable factors,
- often occur before hospital admission,
- 30% are in patients with infrequent symptoms,
- adverse psychosocial factors are recorded in most asthma deaths.



What's new in asthma care?

Dangers of prescribing SABA without an ICS 6.7

SABA, when used alone, increases the risk of exacerbations and mortality and can lead to an overuse cycle. The use of 3 SABA inhalers over a 12-month period is associated with an increased risk of exacerbation compared to use of 1-2 SABA inhalers. See the new, preferred SABA-free treatment pathway on page 8.

All patients should be on an ICS to treat their airway inflammation, to reduce symptoms and reduce the risk of exacerbation.

Patients USING more than 3-6 short acting relievers e.g., salbutamol, in previous 12 months should be invited for review.

The Climate Emergency

Look out for the green leaf throughout this guide to support environmentally friendly asthma care.

Improved Diagnostics

High quality spirometry supports accurate diagnosis.

This means a move to **spirometry in a respiratory service** e.g. community respiratory hub.

Why do we need this guide?

This is a **one stop guide** for busy clinicians. It synthesises and highlights the most relevant content of the multiple evidence-based asthma guidelines available combined with local pathways (including NICE, BTS/SIGN, PCRS, GINA - see references).

Use the links in the index and throughout the guide to navigate to the content you need.

This guide aligns with SEL medicines guidance and will be updated when new guidance and new local services become available.

Resources, references and abbreviations can be found at the end of this guide.



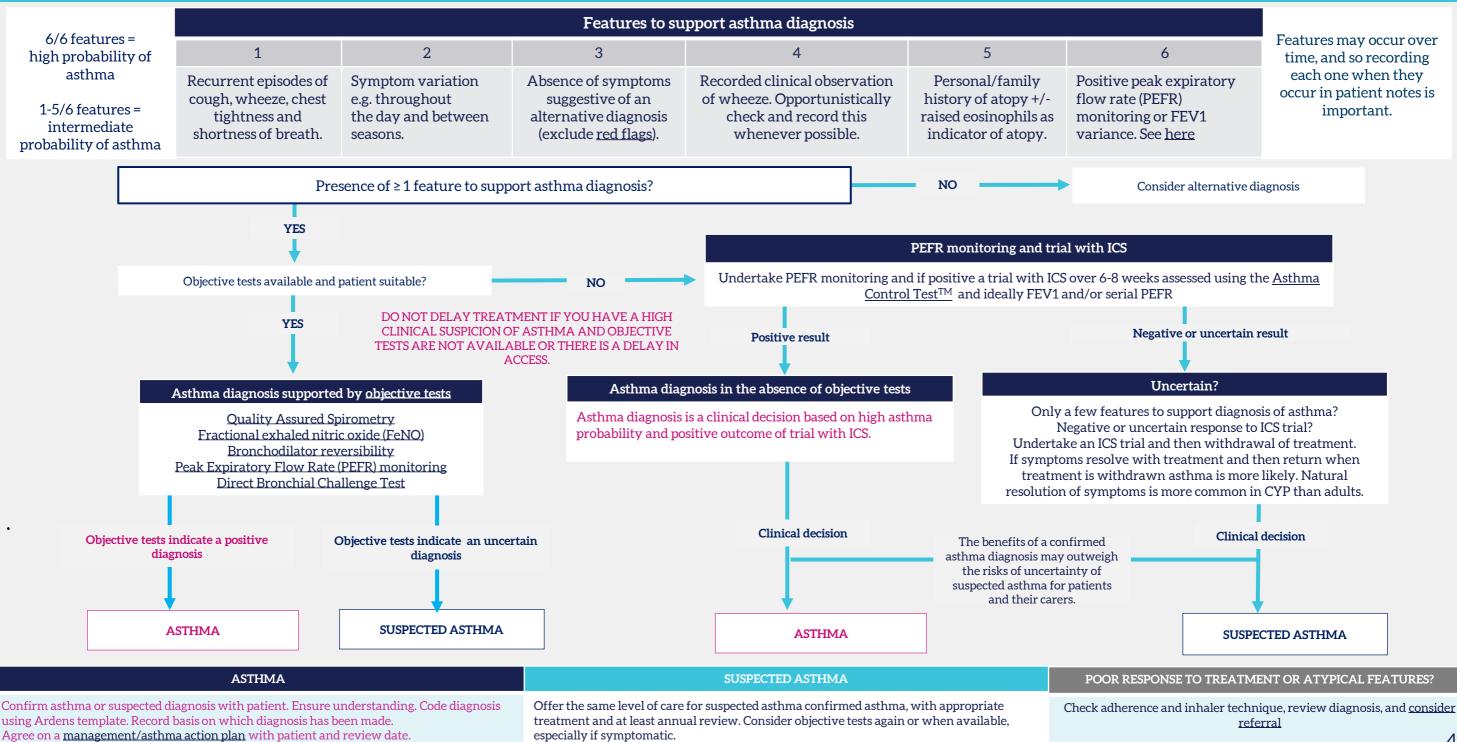


airway

attack

Asthma diagnosis^{9,10}

There is not a single, definitive test for asthma. Asthma diagnosis should be made based on history and ideally supported by objective tests. There is variable availability of objective tests across SEL, See here for local referral pathways.

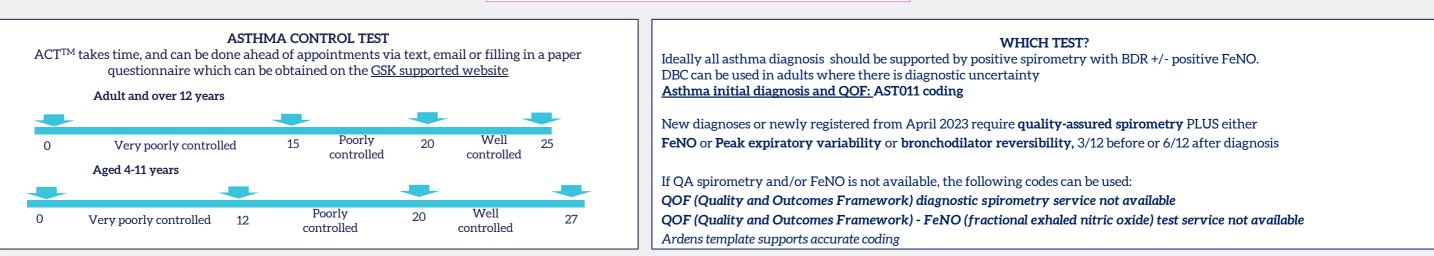


Objective tests for asthma^{11, 12, 13}

Objective test: Use links for patient information	Peak Expiratory Flow Rate (PEFR) monitoring	<u>Quality Assured Spirometry*⁷</u>	<mark>Bronchodilator reversibility (BDR)</mark> β ₂ agonist or corticosteroid	Fractional exhaled nitric oxide (FeNO)	Direct bronchial challenge test (DBC)
What does it test?	Reversibility	Obstruction	Reversibility	Inflammation	Reversibility
Where is it done?	Can be offered by GP teams		d by community respiratory hub or secondary by those on National Register of Certified Profe <u>Spirometry</u>)		Only for adults and in specialist setting
Positive threshold for diagnosis	Variability> 20%	FEV1/FVC ratio <70% or below the low FEV1 increase ≥200mls or >12%	ver limit of normal	Adults ≥40ppb	
Notes	Each reading best of 3 hard and fast blows. Twice daily or more for at least 2 weeks Use charts and check patients can plot correctly, available from: <u>Asthma and Lung UK</u> . <u>Watch this short video for help calculating PEFR</u> <u>variability</u>	Take all inhalers to test.Before tests stop SABA for 4-6 hours, LABA for 36 hours, LAMA 36-48 hours, continue ICS.Before test avoid smoking for 24 hours, large meal or exercise. Wear loose clothingNormal spirometry does not exclude asthmaSpirometry is less reliable at age extremesSpirometry and BDR usually offered togetherMore details including contraindicationsPatient info; Spirometry - NHS (www.nhs.uk)		Results may be affected by steroid use, smoking, URTI and allergen exposure. <u>NHSE patient FeNO information</u>	

Both symptoms and objective tests have significant false positive and false negative rates. Tests are more likely to be positive when a patient is symptomatic. Ideally objective test for asthma should be done before ICS treatment is started as this may impact on results, but do not delay treatment in symptomatic patients if objective tests are not available or there is a long wait.

For detailed NICE diagnostic summary click here



Self-care

Education	Understanding asthma and how the treatment works is an important aspect of care (see <u>here</u> for patient resources).			no are reviewed regularly have a lower risk of asthma attack. Patients should be n general practice at least annually, after dose changes and exacerbations. 	<u>General Practice</u> regular review
Personalised asthma action plans (PAAP)	PAAPs should be collaboratively agreed, regularly updated and include daily management and when and where to seek advice. PAAP can be uploaded into <u>Digital Health Passport – Digital Health Passport</u> .			Continuity within a practice team helps build relationships and trust and improve asthma care.	Continuity
Smoking, passive smoking and e-cigarettes/vaping	smoking and igarettes/vapingoffer tobacco dependence (advice and reatment for those with astima, including asking about vaping.Adherence and techniqueNonadherence plays a large role in poorly controlled asthma and exacerbations. Review adherence by asking and checking inhaler prescriptions ordered and support good technique with education and resources.'Asthma condition treating long-terrExerciseExercise is good for asthma. Ensure good asthma control to benefit from regular exercise.'Asthma condition treating long-terr		Offer flu <u>va</u>	accination annually + other vaccinations as required e.g. COVID.	Vaccination
<u>Adherence</u> and technique				Asthma plans should include details of when and where to access urgent care. Review in general practice or with community asthma team within 48 hours an A&E visit or hospital discharge.	Emergency care
Exercise			ot just an acute at only needs en it's bad. It's a ronic condition	 Specialist referral is indicated when 2 or more attacks/year asthma is not controlled despite treatment asthma is worse at work asthma and COPD overlap 	Specialist care
Comorbidities		that need to be to when it's ok and p			Environment
		and a	,		
Obesity	Weight management support for overweight patients can contribute to good asthma control.	good. Nurse specialist, so		People with asthma should try to avoid busy roads and vigorous outdoor exercise on high pollutions days	Outdoor Pollution
Atopic conditions		Nurse specialist, son	outh London I <mark>ma control</mark>		
Atopic conditions Disordered breathing a sleep apnoea	contribute to good asthma control. Hay fever and rhinitis: Use low steroid nasal spray and ensure correct technique. Optimise eczema care. and Managing co-morbidities is an important aspect of asthma care.	Nurse specialist, so Asth Well con has the l	outh London	high pollutions days Electricity is the cleanest home energy source. Damp and mould issues, burning wood, candles and incense adversely affect asthma.	Pollution Indoor
Atopic conditions	contribute to good asthma control. Hay fever and rhinitis: Use low steroid nasal spray and ensure correct technique. Optimise eczema care. and Managing co-morbidities is an important aspect of asthma care.	Nurse specialist, so Asth Well con has the l ir Using	outh London ma control ntrolled asthma lowest carbon mprint. g inhalers as prescrib	high pollutions days Electricity is the cleanest home energy source. Damp and mould issues, burning wood, candles and incense adversely affect asthma. 'Chemical free' or 'allergy friendly' household and personal products limit asthma triggers. Triggers include pollen, cigarettes, emotion, weather changes and pets. Recognising	Pollution Indoor pollution Triggers
Atopic conditions Disordered breathing a sleep apnoea	contribute to good asthma control. Hay fever and rhinitis: Use low steroid nasal spray and ensure correct technique. Optimise eczema care. and Managing co-morbidities is an important aspect of asthma care.	Nurse specialist, so Asthu Well con has the l ir Using unplat Non-p people neuro Used i	antrolled asthma lowest carbon mprint. g inhalers as prescrib anned medical care. propellant (NP) inha e. They require a gre odiverse patients. Ai	high pollutions days Electricity is the cleanest home energy source. Damp and mould issues, burning wood, candles and incense adversely affect asthma. 'Chemical free' or 'allergy friendly' household and personal products limit asthma triggers. Triggers include pollen, cigarettes, emotion, weather changes and pets. Recognising and mitigating triggers will reduce risk of attacks and improve control. bed and with the correct technique reduces waste, improves control and reduces need for lers such as DPIs, have a lower carbon footprint and can be used effectively by most eater respiratory effort than pMDIs so may not be suitable for all patient groups, e.g. m for an inhaler the patient can and will use. eturned to the pharmacy to be recycled or environmentally friendly disposal.	Pollution Indoor pollution Triggers

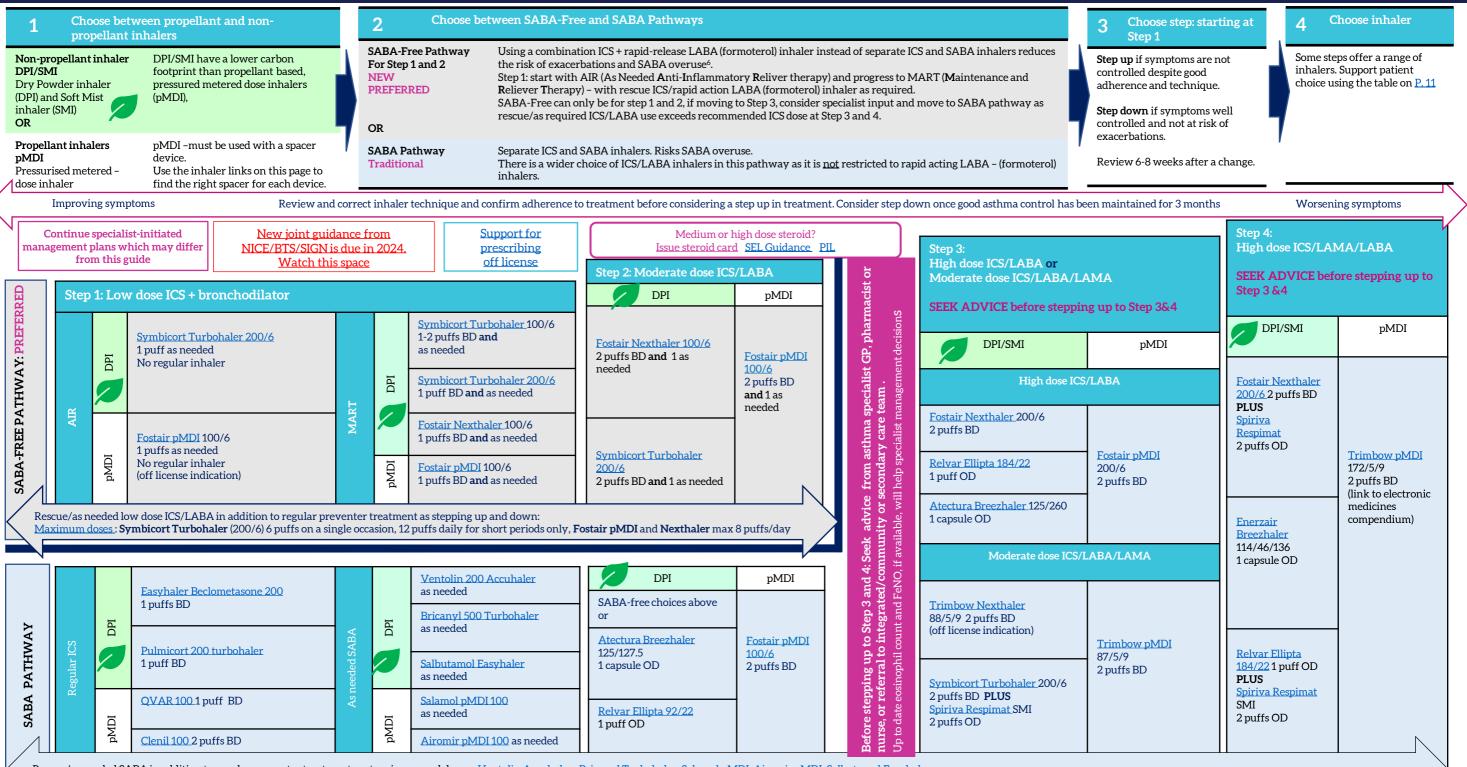
Asthma and suspected asthma review ^{13, 14, 15} A general practice asthma review should be offered at least once a year (QOF), after dose changes and within 48 hours of a hospital attendance or admission.

Asthma reviews should be undertaken by a clinician with expertise in asthma care.							
Review planning at practice/PCN level	Call/recall planning: include all patients coded for asthma or suspected asthma. Review notes of patients prescribed inhalers without a diagnosis of asthma or COPD as this may be uncoded asthma. Consultations type: telephone consultations are helpful for low-risk patients and those who find it difficult to attend the practice. Face-to-face contacts better suit a personalised care approach, allow for checking and demonstrating inhaler technique and are more suitable for patients with poor control and/or complex needs, when changing treatment and after exacerbations. Patients value being offered a range of appointment types and times, including outside of work hours.	Contact <u>CESEL team</u> for advice and information on searches and quality improvement support					
Pre-patient review	For QOF purposes the <u>ACTTM</u> and exacerbation recording can be done up to one month before the review. Ask patients to bring all inhalers and spacer devices to their review appointment.	Text/email / <u>AccurxFlorey</u> / <u>ACTTM</u>					
Aims of the review	 To improve quality of life: NO daytime symptoms or limitations on activity, NO disturbed sleep, MINIMAL side effects from medication. To minimize the risk of exacerbations: optimal control, recognizing and mitigating triggers, recognizing and managing exacerbations and referring those at high risk. 						
	1. ASSESS CONTROL AND SEVERITY	Use Ardens asthma template to ensure correct					
Control test (QOF)	Review and record the validated <u>ACTTM</u> result with patient to help inform management.	coding.					
Inhaler ratio	Review how many inhalers have been ordered and ask how many have been used. If fewer than 4 ICS (suboptimal adherence) or ICS./LABA inhalers, or more than 3-6 SABA (SABA over reliance) in a 12-month period – this suggests poor adherence or control. Use the <u>Asthma Slide Rule</u> or the <u>Reliever Reliance Test</u> to support a conversations for patients who may be over reliant on their SABA inhaler.	 Consider creating/using EMIS proformas to add to asthma review to ensure information given and recorded e.g. 1 - ICS - patient informed 					
Exacerbations: reduce risk (QOF)	Optimise disease control, avoid triggers, appropriate management of exacerbations and identifying and referring those at high risk into specialist care, to available specialist services within your horough.	- ICS treats underlying airway inflammation as opposed to the blue inhaler only rescue/short- term opens the airways					
PEFR	Review PEFR measurements if available. Record PEFR, document best PEFR in include in notes and action plan (PAAP). Record height and weight to support calculating the predicted peak flow rate.	•ICS takes 4-8 weeks to start working, up to 12 weeks for full effect. •Overuse of SABA and its effects discussed e.g.					
	2. REVIEW	increases risk of exacerbations, fixed airways disease.					
Diagnosis	Ensure the reason for asthma or suspected asthma diagnosis is recorded in the notes. If any uncertainty revisit diagnostic page and refer for objective tests as appropriate/where available.	-If, after 4-6 weeks of using the preventer inhaler, still symptomatic/waking at night/using the blue inhaler 3x per week this is					
Understanding	Check patient's understanding of what asthma is and how it is treated.	a sign of poor asthma control and increased risk of an asthma attack and needs review					
Inhaler technique (QOF)	Suboptimal inhaler technique is linked to poorer asthma outcomes. Check inhaler and spacer technique at every review and reinforce correct technique, offer <u>inhaler specific training videos</u> . If a spacer is being used, reinforce the benefits for drug delivery, importance of technique, spacer care and when to replace. More information on <u>page. 10.</u>	2 – Spacers – patient informed					
Adherence	Poor ICS adherence may explain poor control. (Complete the adherence training module Modifying non-adherence to medicines in asthma - Pulse 365 (Pulse registration needed)	-Importance of spacer for drug delivery to the airways -SMS sent with link to video on correct spacer					
Smoking status (QOF)	Offer tobacco dependance support for patients and carers. NCSCT Very Brief Advice training module. Smokers may need higher dose ICS due to impact of smoking on ICS efficacy.	technique. - Discussed spacer care and replacement.					
Triggers	Identify triggers, including indoor triggers such as mould, and consider ways to reduce and mitigate exposure. Consider a housing letter or referral to Social Prescribing Link Worker for support. If asthma is worse at work, refer to secondary care for suspected occupational asthma.	-If hears spacer whistle when breathing in is breathing in too fast and needs to breathe more					
Co-morbidities	Identify and manage co-morbidities. This includes exploring low mood and anxiety and signposting to support, and optimising hay fever treatment.	slowly so no whistle is heard. -Leave 30-60s between each puff.					
Medication	If asthma is poorly controlled despite good ICS adherence and technique, consider a step up their management. If stable for 3 or more months and low risk of exacerbations, consider <u>a step down in treatment</u> . -Rince mouth after ICS -Rince mouth after ICS -Rince mouth after ICS -Rince mouth after ICS -To create EMIS hashtag proformas -Provide written material and signpost to training videos. -Update asthma medication review in notes. Check patients know how to use the NHS App to order repeat prescriptions.						
Vaccination	Review vaccination status and offer flu and COVID vaccinations as appropriate	click on 'Quick codes and test' under 'Organisation Options' (top left) \rightarrow click 'Add' \rightarrow					
	3. COLLABORATE: Explore ideas, concerns and expectations, share relevant information, discuss risks and benefits of treatment and importance of self-management	Give the item a name \rightarrow type in the text above e.g. #asthmareview					
PAAP (QOF)	Co-create a personalised asthma management plan in collaboration with the patient to support self-management. Update annually. Use the link in the Ardens template or here.	Asthma and Lung UK Training Videos					
Goals	Review previous goals and consider new goals e.g. weight loss, reduce SABA use	Encourage your patients to use Digital Health Passport – Digital Health Passport					
	Follow up: At least annually and 4-6 weeks after any medication changes. More frequent follow ups may be necessary for patients with poor disease control or those with severe asthma. There is lots of information to share in an asthma review and shorter and more frequent appointments may reduce the risk of information overload. Consider group consultations.						

Managing asthma in adults ^{16,17, local practice}

For abbreviations see here

18 years +



Rescue/as needed SABA in addition to regular preventer treatment as stepping up and down:, Ventolin Accuhaler, Bricanyl Turbohaler, Salamol pMDI, Airomir pMDI, Salbutamol Easyhaler,



Inhalers and Spacers⁹

Inhaler Choice: prescribe by brand

Consider patient's ability to use,

- Once or twice daily dosing
- Environmental considerations, most adults can use the more sustainable, non-propellant (DPI) inhalers with training.
- Patients with special needs and/or neurodiversity may manage a pMDI better than a DPI $\,$
- $\ensuremath{\mathsf{Incheck}}\xspace{\mathbbmath{\mathbb{G}}}$ or placebo devices can help inform inhalers choice

Inspiratory technique required by patient when using inhaler device

pMDI	DPI
Slow and steady	Fast and deep

- **USEFUL QUESTIONS TO ASK:**
- What has your previous experience with inhalers been?
- Do you prefer once or twice daily regime?
- Can you take a quick, deep breath in?
- Changing inhaler devices: only change after discussion and agreement
- Offer a face-to-face contact for support using a new inhalers
- Use <u>Rightbreathe</u> and <u>How to use your inhaler | Asthma + Lung UK</u> resources to support inhaler and spacer choice, technique and care.

Refer patients to Community Pharmacist for <u>New Medicines Service</u> when starting a new inhaler to reinforce inhaler technique & to support adherence

Looking after inhalers

Follow instructions in the box of inhaler

- MDI (Aerosol) Wipe mouthpiece weekly with dry cloth
- + $\ensuremath{\text{ DPI}}$ Wipe mouth piece weekly with dry cloth. Never use water on a DPI
- Keep cap on when not using/storing

Looking after spacers

- Soak in warm water for 15 minutes and gently clean using a detergent (e.g. washing up liquid)
- Not all dishwasher safe
- Do not scrub the inside, okay to scrub mouth piece and outside
- Air-dry and store in a safe place
- Replace at least annually if used daily, or when opaque

Inhaler technique: check before prescribing

- Steps common to all devices
- Prepare inhaler device e.g. remove cap and prime,
- For pMDI put inhaler in spacer device
- Load dose e.g. shake inhaler, insert and pierce capsule, click the lever
- Breathe out as far as is comfortable
- Put lips around mouthpiece to form a tight seal
- Breathe correctly for the device type:
 - Aerosol device: slow = steady inspiration
 - Dry powder: quick = deep inspiration
- Remove inhaler from mouth and hold breath for 5-10 seconds
- Repeat as directed and finish
- Rinse mouth after using ICS inhaler to prevent thrush

Sustainability¹⁹



The issues

- Well controlled asthma has the lowest carbon footprint.
- The UK has a high carbon footprint from inhalers due to an over-reliance on pMDIs, both for rescue and ICS treatment.
- Non-propellent DPI and SMI have a substantially lower carbon footprint than pMDI, as they do not contain hydrofluorocarbons. DPIs may be challenging for patients who have difficulty with the inspiratory technique required. DPIs may be more expensive than some pMDIs.
- Reduced use of pMDIs supports sustainability as well as clinical outcomes.
- SEL Position Statement: Environmental Impact of Inhalers

Practice Resources: Placebo Inhalers

Placebo inhalers can be ordered for your practice from individual pharmaceutical manufactures.

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SEL.

- ×
- Prescribe refills when available e.g. Respimat.

SEL support for prescribing sustainably

Ensure asthma diagnosis is correct

whenever possible and suitable

Look out for SABA over reliance

Optimise inhaler technique

Encourage patients to return used inhalers to their pharmacy for recycling or environmentally friendly disposal

The solutions

Environmental Impact of Inhalers: Patient Information

Asthma inhalers and climate change: Patient decision aid

Provide information to support low carbon alternatives

- Encourage patient to use inhalers until they are finished, this is easier with inhalers with dose counters
- Ensure patients are not reducing their inhaler use due to environmental concerns, address any concerns and share the decisions on the most environmentally friendly treatment regime that suits them as an individual.

Include management of exacerbations and when to seek advice in

all action plans. What to do in an asthma attack - patient resource.

distressed.

Arrange follow up within 48 hours in general practice or with community Many asthma deaths are preventable. Treatment delays can be asthma team for all patients who have been seen in an emergency setting for an • Ensure correct treatment is prescribed – including ICS, adhered to and correct fatal. Patients with life-threatening acute asthma may not be asthma attack

Review should include:

- Check asthma is responding to treatment
- Continue prednisolone 5-7 days
- Explore avoidable triggers

- technique
- Update PAAP

•

Code all asthma attacks managed in general practice and hospital settings using Ardens template Asthma Exacerbation page-refer to specialist care if 2 or more in 12 months

Assess and record	Moderate acute	Severe acute	Life-threatening	
Speak in sentences	Yes	No	No	
Sp0 ₂	SpO₂≥92%	SpO₂≥92%	<92%	
PEFR best or predicted only use precited if best PEFR within last 2 years is unknown	>50-75%	33-55%	<33%	
HR Beats per minute	HR < 110	HR≥110	Silent chest, cyanosis, poor respiratory effort, arrhythmia, exhaustion,	
RR/minute	RR < 25	RR ≥ 25	hypotension, confusion	
Where to manage?	Manage at home or in primary care. Admit to hospital is life-threatening features, previous near fatal asthma, getting worse. Lower threshold if late in the day, previous severe attacks, concern re social circumstances	Consider admission if no response to treatment Stay with patient until ambulance arrives.	Arrange immediate admission Stay with patient until ambulance arrives.	
Treatment:		<u> </u>		
β₂ BRONCHODILATOR: SABA pathway SABA pMDI via spacer – if no improvement via nebuliser	Via spacer = one puff at a time, inhaled separately using tidal breathing, one puff every 60 seconds, up to 10 puffs. Via nebuliser – salbutamol 5mg ideally oxygen drive	Via nebuliser, spacer if not available	With ipratropium via nebuliser – Salbutamol 5mg and ipratropium 0.5mg - via spacer if nebuliser not available	
ß₂ BRONCHODILATOR: SABA-free pathway ICS/rapid-action LABA (formoterol) inhaler	A-free pathway If no relief after first puff, wait a few mins then take a 2nd puffs. Up to 6puffs at a time, if no relief after 6puffs,		- Via spacer in nebunser not available	
PREDNISOLONE Use plain, white prednisolone, this can be CRUSHED and DISSOLVED in water. Soluble prednisolone is expensive and confers no added benefit. Taken in the morning with or after food	one, this can be CRUSHED and ble prednisolone is expensive and 40-50mg daily for 5-7 days		Prednisolone 40-50mg (or IV hydrocortisone 100mg)	
OXYGEN If available	To drive nebuliser if used	To maintain SpO ₂ 94-98%	To maintain SpO ₂ 94-98%	

When to seek advice and/or refer?^{21, 22}

In an emergency

Asthma action plans should include details of when to seek urgent help. See here for emergency management of asthma and when to call 999/refer to A&E

Worrving Symptoms/'Red Flags'²

- Prominent systemic features
- Unexpected clinical finding e.g. cardiac disease, clubbing
- Persistent, non-variable breathlessness
- Chronic sputum production
- Unexplained restrictive spirometry
- **CXR** changes
- Marked eosinophilia

Patient under specialist care

Patients with asthma under specialist care including those receiving biologics, should receive the same level and access to general practice care as all patients with asthma or suspected asthma - this includes an annual review. Do not reduce or stop ICS without consulting specialist.

Patients on biologics are not immunocompromised and do not have additional monitoring requirements. Inhaled medication dose change should only be made in consultation with specialist. More information

Communication between primary, secondary and community services is key to ensure patients receive consistent advice and support and have clear oversite of their care.

Uncontrolled asthma

It is important to distinguish between poorly controlled asthma and severe asthma. Refer patient with asthma symptoms despite optimal treatment. Before referring check the following:

On high intensity treatment? Are they at the high-end of treatment escalation according treatment algorithm?

Adherence?

Have you explored if taking meds as prescribed? If fewer than 4 ICS or ICS./LABA inhalers, or more than 3-6 SABA in a 12-month period - this suggests poor adherence or control.

Severe exacerbations? Refer if ≥2 courses of PO steroids or admission in last year

Technique Is their inhaler technique correct? Consider changing inhalers to best suit the patient.

Exclude other conditions

Are comorbidities being managed?

1. Discuss with a

clinician with interest in

respiratory within your

primary care team or

PCN. if there is one

Psychosocial factors

Adverse asthma outcomes are associated with depression, anxiety, panic disorder and low socioeconomic status. Consider referring for support for patients or their primary carers to mental health workers, Talking therapy, Social Prescribing Link Worker, community support and to community asthma nurses.

For inhaler technique and medicines advice

Refer to community pharmacy team

If in doubt..

2. Consider seeking

specialist advice via

Consultant Connect or

Advice & Guidance

3. May need secondary care referral if the first 2 steps do not answer the clinical questions.

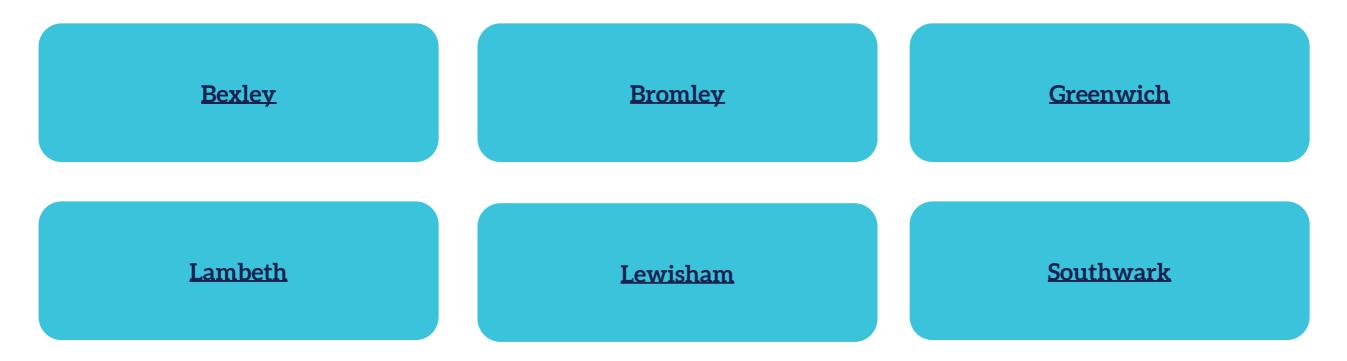
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Complexity

Asthma and COPD overlap Occupational asthma Complex co-morbidity

Diagnostic uncertainty

Poor response to treatment or diagnostic uncertainty.



Before referring to secondary care:

- Check adherence & inhaler technique
- Look at '<u>when to refer</u>' page
- Ask is there a clinician with interest in respiratory within your primary care team or PCN?
- Consider Advice & Guidance via eRS
 or Consultant Connect

Health warning: Services are constantly changing. Work is underway to improve provision of community respiratory hubs across SEL. If you know of a new service, or a service listed is not correct, please let us know and we will update this information: clinicaleffectiveness@selondonics .nhs.uk

Bexley and Greenwich							
Service	Objective Testing	Diagnostic & management Support	Referral criteria	How to refer			
Respiricare	Yes – for suspected asthma +/- other respiratory conditions	No	Aged 18+ Registered with a Bexley or Greenwa GP <u>Intermediate or high probably of</u> asthma PEFR diary over 2 weeks	Use DXS form 'The Bexley & Greenwich Community Respiratory Diagnostic (Lung Function) Hub' on DXS, → email to <u>pulm.rehab@nhs.net</u> ich			
Darenth Valley Hospital (Dartford & Gravesham NHS Trust): Adults	No	Yes	Aged 16+	Referral letter \rightarrow eRS \rightarrow Respiratory General – Thoracic Medicine – Dartford & Gravesham NHS Trust – RN7			
Queen Mary's Hospital (Dartford & Gravesham NHS Trust): Adults	No	Yes	Aged 16+	Referral letter \rightarrow eRS \rightarrow Respiratory General – Planned Care Centre, Queen Mary's Hospital, Sidcup RN7			
Queen Elizabeth Hospital - Lewisham and Greenwich NHS Trust: Adults	No	Yes	Aged 16+	Referral letter \rightarrow eRS \rightarrow Respiratory General - RAS @ Queen Elizabeth Woolwich for Lewisham & Greenwich Trust - RJ2			

			Bromley	
Services Offered BROMLEY	Objective Testing	Diagnostic & management support	Referral criteria	How to refer
Princess Royal University Hospital (PRUH): Adults	No	Yes	Aged 16+	Using Referrals Optimisation Protocol (ROP) Respiratory Menu Item "Respiratory" and referral sent via eRS \rightarrow Respiratory Medicine – General Thoracic Services for Kings @ PRUH – RJZ30

South East London Adults & CYP Referral Pathways: Lewisham

Services Offered	Objective Testing	Diagnostic & management support	Referral criteria	How to refer
One Health Lewisham (OHL)	Yes	Yes	Registered at a Lewisham GP Aged 7+ Infection free for 6 weeks prior to spirometry testing Has had a CXR in the 12 months	 Book directly via EMIS 'Cross-organisational' slots into age appropriate and presentation appropriate clinic OHL Respiratory diagnostic paediatrics aged 7-15 years OHL Respiratory diagnostics OHL Respiratory Disease Deterioration
Community Respiratory Team (Lewisham and Greenwich NHS Trust): Adults	Yes	Yes	Registered with a Lewisham GP Aged 16+ Possible new diagnosis of asthma Deterioration of symptoms despite optimal treatment; unstable or difficult to control	Referral 'Spirometry and COPD Generic Referral Form' on DXS → email lg.respiratorynursingteam@nhs.net
Lewisham Community Children's Asthma Team	No	Yes	Ages 0-19 registered with a Lewisham GP with a diagno of asthma (for details & criteria, see <u>here</u>)	osis Use the 'Lewisham Community Children's Asthma Team Referral Form' on DXS → email to lg.asthmanursespecialist@nhs.net
University Hospital Lewisham (Lewisham and Greenwich NHS Trust): Adults	No	Yes	Aged 16+ Relevant blood tests and CXR (attach report)	Referral letter \rightarrow eRS \rightarrow Respiratory General RAS @ Lewisham Hospital for Lewisham & Greenwich Trust - RJ2
University Hospital Lewisham (Lewisham and Greenwich NHS Trust): Children and Young People	No	Yes	Aged 15 and under	Referral letter -> eRS-> Children's and Adolescents Services-Other Medical Children's Medicine RAS at University Hospital Lewisham for Lewisham and Greenwich NHS Trust-RJ2

Services Offered	Objective Testing	Diagnostic & management support	Referral criteria	How to refer
Integrated Respiratory Team (IRT): Community Lung Function service:	Yes	No	16+ years New symptoms of asthma and/or COPD, or Old spirometry not meeting quality standards/results do not support current diagnosis	eRS \rightarrow 'Diagnostic Physiological Measurement' \rightarrow 'Respiratory – Full Lung Function' \rightarrow 'Community Lung Function Service – (name of the location)
Integrated Respiratory Team (IRT) Hospital Chest Clinic Kings College Hospital (KCH) & Guys and St Thomas' Hospital (GSTT)	No	Yes	Aged 16+ Please ensure patients have had diagnostic tests provided by the Community Lung Function (above) if indicated	Complete IRT referral form (DXS) Choose: Hospital Chest Clinic Service Refer via eRS → Asthma, Guy's site – Respiratory Medicine – Guy's & St Thomas' – RJ1 eRS → Chest, Guy's site – Respiratory Medicine – Guy's & St Thomas' – RJ1 Attach IRT referral form
Adult advice			16 years and over	If your enquiry is URGENT King's TALK service includes acute medicine: 020 3299 6613 Monday-Friday 8.30am – midnight, weekends 8.30am-8pm. GSTT GP Direct Line: 020 7188 4488

For clinicians

GENERAL

Asthma and Lung UK health professional resources

Asthma Right Care (ARC) | Primary Care Respiratory Society (pcrs-uk.org)

<u>RightBreathe</u>: Information and practical tips with videos on inhalers & spacers, for professionals and patients

<u>Primary Care Respiratory Society</u> – resources include best practices and educational materials <u>Oxford Academic Health Science Network: Asthma</u> – includes toolkits, medication review templates

EDUCATIONAL

e-Learning for Health: the Asthma programme. A range of free e-Learning modules on different aspects of asthma care.

<u>Very Brief Advice training module (ncsct.co.uk)</u> free e-Learning resource for smoking cessation advice

Modifying non-adherence to medicines in asthma - Pulse 365 (Pulse registration needed))

ENVIRONMENT

SEL support for prescribing sustainably Greener Practice Asthma Care. - clinician led network Clean Air Information Hub: Health Daily Air Quality Index - Defra, UK Blog: Delivering high quality, low carbon respiratory care London: Top Tips for Respiratory Prescribing and Sustainability 'Greener' asthma treatment: a golden opportunity or red flag? Free Open Access Medical Education The London Damp and Mould <u>Checklist</u> Global Action Knowledge Hub: Resources on clean air for Health Professionals

GUIDELINES:

<u>Global Initiative for Asthma (GINA) Pocket Guide 2022</u> <u>NICE Asthma NG80</u> <u>SIGN/BTS Guide</u> An integrated NICE/BTS/SIGN guidance is expected in 2024

GENERAL

Asthma Right Care (ARC) | Primary Care Respiratory Society (pcrs-uk.org) Rightbreathe – how to use and look after inhalers and spacers, including videos Asthma + Lung UK:

- Inhaler choices (asthma.org.uk) in multiple languages
- How to use your inhalers (videos)
- Peak flow Diary
- <u>Groups + Support</u>

ASTHMA ATTACKS Asthma UK attack recovery plan

POLLUTION British Lung Foundation: <u>Air pollution and your lungs</u> Asthma + Lung UK: <u>Air pollution</u>

STAYING HEALTHY WITH ASTHMA Asthma + Lung UK: Keeping active with a lung condition Digital Health Passport - Digital Health Passport

YOU TUBE EDUCATION VIDEOS

<u>Asthma + Lung UK - YouTube</u>

For patients and carers

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CESEL guides are co-developed by SEL primary care clinicians and SEL experts.

The guides go through a formal approval process including SEL Integrated Medicines Optimisation Committee (IMOC) for the medicines content, a local borough-based Primary Care Leads group and CESEL Steering Group with representation from SELICB and PCNs, and borough-based Medicines Management Teams (MMT). CESEL would like to thank all our colleagues who participated and fed-back during the guide development and consultation process.

Abbreviations

- A&E Accident and Emergency
- ACTTM Asthma control testTM
- BD Twice a day
- BDR Bronchodilator reversibility
- BTS British Thoracic Society
- COPD Chronic obstructive pulmonary disease
- CXR Chest X-ray
- CYP Children and Young People
- DBC Direct bronchial challenge
- DPI Dry powder inhaler
- eRS Electronic referral system
- FeNO Fractioned exhaled nitric oxide
- FEV₁ Forced expiratory volume in one second
- FH Family history
- FVC Full vital capacity
- HR Heart rate
- ICS Inhaled corticosteroid
- LABA Long acting β agonist
- LAMA Long-acting muscarinic antagonist
- MART Maintenance and reliever therapy
- MDI Metered dose inhaler
- NICE National Institute for Health and Care Excellence
- OD Once a day
- PAAP Personalised asthma action plan
- PCN Primary care network
- PEFR Peak expiratory flow rate
- PIL Patient information leaflet
- pMDI Powdered metered dose inhalers
- PO By mouth
- QOF Quality and outcomes framework
- RCP Royal College of Physicians
- RR Respiratory rate
- SABA Short acting β agonist
- SIGN Scottish Intercollegiate Guidelines Network
- SMI Soft mist inhaler
- SpO₂ Peripheral capillary oxygen saturation
- URTI Upper respiratory tract infection
- VBA Very brief advice