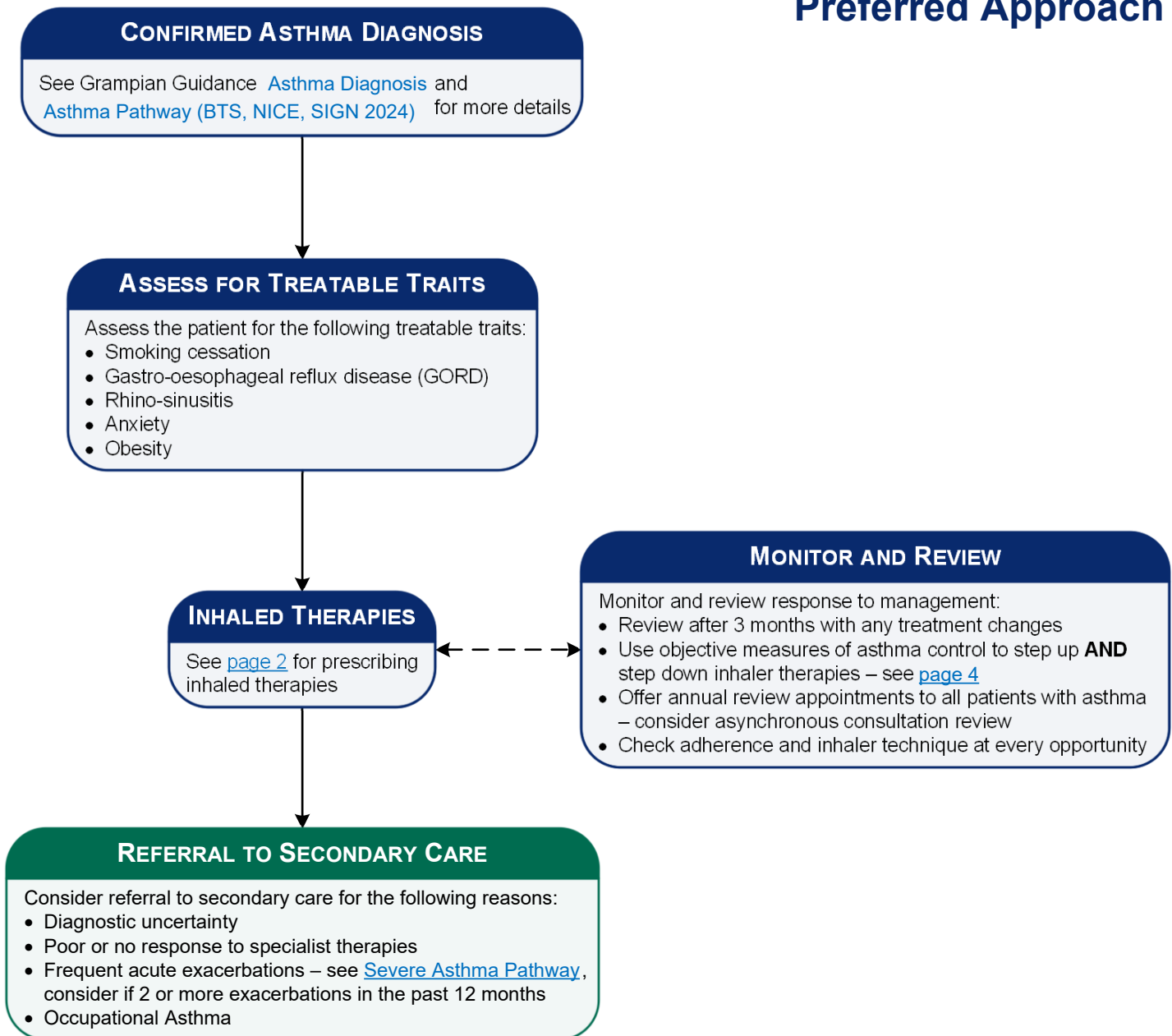


Asthma - Management and Prescribing – Adults Preferred Approach



Realistic Medicine – Shared decision making | Benefits of treatment | Risks of treatment | Alternative treatments | No treatment

Version – 6	Title – Asthma - Management and Prescribing – Adults – Preferred Approach	Department – Respiratory	FINAL
Creator – Respiratory MCN	Lead – Respiratory MCN	Last Review – 19 Aug 2025	Next Review – 19 Aug 2027

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Asthma - Management and Prescribing – Adults Preferred Approach

Strength	MART Inhaler Dosing Instructions	No. of actuations per inhaler	Expected prescriptions per year (regular dose + 3 or less PRN actuations per week)	Suggests uncontrolled / consider review (regular dose + 4- 8 PRN actuations per week)	Suggests high risk / consider urgent review (regular dose + >10 actuations per week)
Low dose MART	1 puff twice a day	120	7-8 inhalers	9-11 inhalers	12 or more inhalers
Moderate dose MART	2 puffs twice a day	120	13-14 inhalers	15-16 inhalers	17 or more inhalers
<p>Good asthma control is defined as using reliever inhaler 3 times or less per week.</p> <p>Uncontrolled and high risk doses are calculated using SABA equivalent dosing</p> <p>One indicator of high risk asthma is defined as using 6 SABA inhalers per year – this equates to 11 as required doses per week.</p> <p>Uncontrolled asthma can be defined as using between 2 and 5 SABA inhalers per year – this equates to 4 – 8 as required reliever doses per week</p>					

ACUTE ASTHMA IN PATIENTS WITH AIR / MART INHALER REGIMENS

High doses of beta agonist bronchodilators are a key treatment in acute asthma. If a patient presents to a healthcare setting with acute asthma who is prescribed AIR / MART for reliever then they should use up to 6 puffs of their inhaler to relieve acute bronchospasm. Oral corticosteroid therapy should also be administered as early as possible when an acute exacerbation has been diagnosed. If there is an inadequate response to 6 puffs of AIR/MART reliever therapy then additional bronchodilators such as Salbutamol can be given as needed using pMDI and spacer or via nebuliser if required.



Realistic Medicine – Shared decision making | Benefits of treatment | Risks of treatment | Alternative treatments | No treatment

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Asthma - Management and Prescribing – Adults Preferred Approach

Asthma Prescribing Guidance Explained

It is important that medications are chosen on an individual patient basis and that the most appropriate inhaler device is chosen for each patient based on their competency in using inhaler devices. A range of inhalers are recommended to offer clinicians and patients flexibility in choosing or changing treatments.

Objective Measures of Asthma Control

At all stages of treatment an objective assessment of asthma control should be undertaken to determine if inhaled therapies should be adjusted – consider using [Asthma Control Test](#) (ACT)

Markers of **good** control:

- ACT > 20
- < 3 SABA used in 12 months
- no exacerbations of asthma in previous 12 months

Markers of **poor** control:

- ACT < 20
- ≥ 3 SABA used in 12 months
- ≥ 1 acute exacerbation(s) of asthma in previous 12 months (including GMED, Emergency Department or admission)

Markers of **high risk or severe** asthma:

- >12 SABA used in 12 months
- Patients on maximal inhaled therapy with
 - ACT < 20
 - ≥ 3 SABA used in 12 months
 - ≥ 2 exacerbations requiring oral steroids


Objective measures of asthma control should allow clinicians to safely step down asthma medications. To support clinicians in managing step down safely and effectively the following points should be considered and discussed with patients.

- Asthma is a variable disease from day to day and month to month and therefore the treatments required can vary too.
- Whenever a patients treatment is stepped up consider phrasing this as a “temporary measure” until good asthma control is achieved and inform patients that you will aim to step treatment down again when it is safe to do so
- Step down should only be undertaken when there is objective evidence of good asthma control
- Loss of asthma control after step down is not an indication that step down was an error or a failure. Approximately 1 out of every 6 patients with well controlled asthma can lose control of their asthma over a 6 month period whether they have treatment changes made or not.

Greener Respiratory Care

NHS Scotland has committed to achieving net zero by 2045 and greener respiratory care is key to achieving this.

A [Greener Respiratory Care Toolkit](#) has been developed to support HCPs to deliver Greener Respiratory Care.

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