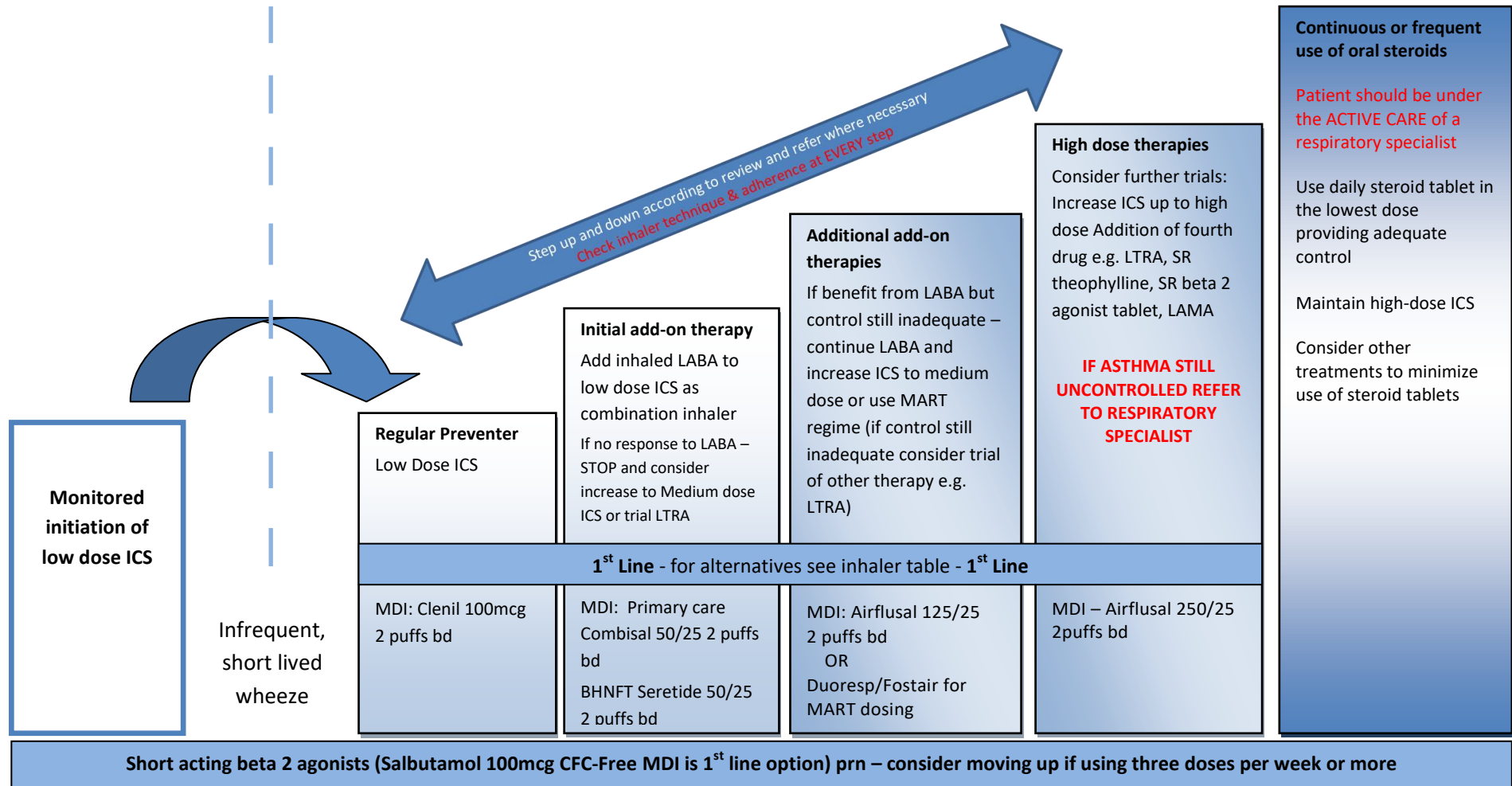


Barnsley Asthma Treatment Algorithm for Adults

Guideline based on BTS/SIGN guidance 2016, the algorithm below shows the most cost effective choice for each level of steroid dosage - see the table of inhalers for further choice.	
Asthma suspected	Asthma Diagnosed
Diagnosis & assessment	Evaluation: •assess symptoms, measure lung function, check inhaler technique and adherence adjust dose •update self-management plan •move up and down as appropriate • eliminate trigger factors



SABA Reliever	LOW DOSE ICS 400mcg BDP equiv./day	LOW DOSE ICS + LABA ICS/LABA combination 500mcg BDP equiv./day unless stated	MEDIUM DOSE ICS + LABA (and ICS only) ICS/LABA combination 1000mcg BDP equiv./day unless stated	HIGH DOSE ICS + LABA (and ICS only) ICS/LABA combination 2000mcg BDP equiv./day unless stated
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Select the most cost effective inhaler which meets the patient's needs

1st Line
Salbutamol MDI 100mcg
2 puffs prn
£0.23



Dry Powder
Easyhaler DPI
Salbutamol 100mcg
2 puffs prn **£0.50**



Breath-actuated MDI
Salbutamol Easibreathe
100mcg Br/Act MDI
2 puffs prn
£0.95



Other Dry Powder option
Terbutaline Turbohaler
500mcg DPI
1 puff prn
£2.49



(For SABA, cost based on one dose per day for 30 days treatment)


1st Line
Clenil 100mcg MDI
2 puffs bd
£4.45



Dry Powder
Budesonide Easyhaler
100mcg
2 puff bd **£5.32**




Extra-fine Particle
Qvar 50mcg MDI
Inhaler or Easibreathe
2 puffs bd
£4.72 & £4.64



Other non-Extra-fine option in MDI/DPI
Fluticasone 50mcg
Evohaler or Accuhaler
2 puffs bd
£5.44 & £8.00




1st Line
Primary care: Combisal 50 MDI (fluticasone 50mcg / salmeterol 25mcg) 2 puffs bd **£13.50**
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BHNFT: Seretide 50 Evohaler (fluticasone 50mcg / salmeterol 25mcg) 2 puffs bd

Dry Powder with MART dosing
DuoResp Spiromax (budesonide 160mcg / formoterol 4.5mcg)* 1 puff bd **£13.98**



400mcg BDP equiv./day


Extra-fine Particle with MART dosing
Fostair 100/6 MDI or NEXThaler (beclometasone / formoterol) 1 puff bd **£14.66**




Further Add-on Therapy options:
Leukotriene Receptor Antagonist:
Montelukast 10mg tablets 1 daily **£1.18**

Specialist:
Theophylline: please prescribe by brand
LAMA: Spiriva Respimat 2.5mcg 2 puffs once daily **£23.00**

1st Line
Airflusal 125 MDI (fluticasone 125mcg / salmeterol 25mcg) 2 puffs bd **£18.50** ***




Dry Powder with MART dosing
DuoResp Spiromax (budesonide 160mcg / formoterol 4.5mcg)* 2 puffs bd **£27.97**



800mcg BDP equiv./day

Extra-fine Particle with MART dosing
Fostair 100/6 MDI or NEXThaler (beclometasone / formoterol) 2 puffs bd **£29.32**



If Medium or High dose ICS required WITHOUT LABA:
1st Choice:
Clenil 200mcg MDI 2puffs bd £9.70
Alternatives:
Qvar 100mcg MDI or Easibreathe 2p bd
Budesonide Easyhaler 200mcg 2p bd
Beclometasone 250mcg MDI 2p bd

For HIGH dose ICS double the above dosages

1st Line
Airflusal 250 MDI (fluticasone 250mcg / salmeterol 25mcg) 2 puffs bd **£24.95******



Dry Powder
Airflusal Forspiro (fluticasone 500mcg / salmeterol 50mcg)
1 puff bd
£29.97\$



Extra-fine Particle with MART dosing
Fostair 200/6 MDI or NEXThaler (beclometasone /formoterol) 2 puffs bd **£29.32**



Other Dry Powder w. MART dosing option (not extra-fine particle)
DuoResp Spiromax (budesonide 320mcg / formoterol 9mcg)** 2 puff bd

1600mcg BDP equiv./dav



£55.94

Costs based on 30 days treatment (Drug Tariff & eBNF both accessed June 2019)

Produced by CCG MMT in consultation with BHNFT respiratory team May 2018. Approved by APC 11th July 2018. Minor update July 2019 to include Combisal 50 MDI (approved by APC 10th July 2019).

*Equivalent to Symbicort 200/6
**Equivalent to Symbicort 400/12
MART=Maintenance & Reliever Therapy

***Equivalent to Seretide 125 Evohaler
****Equivalent to Seretide 250 Evohaler
\$Equivalent to Seretide 500 Accuhaler
\$\$Equivalent to Seretide 50 Evohaler

To be used in conjunction with the Asthma Treatment Algorithm 2018. BDP equiv./day represents the equivalent dose in terms of Beclometasone dipropionate.