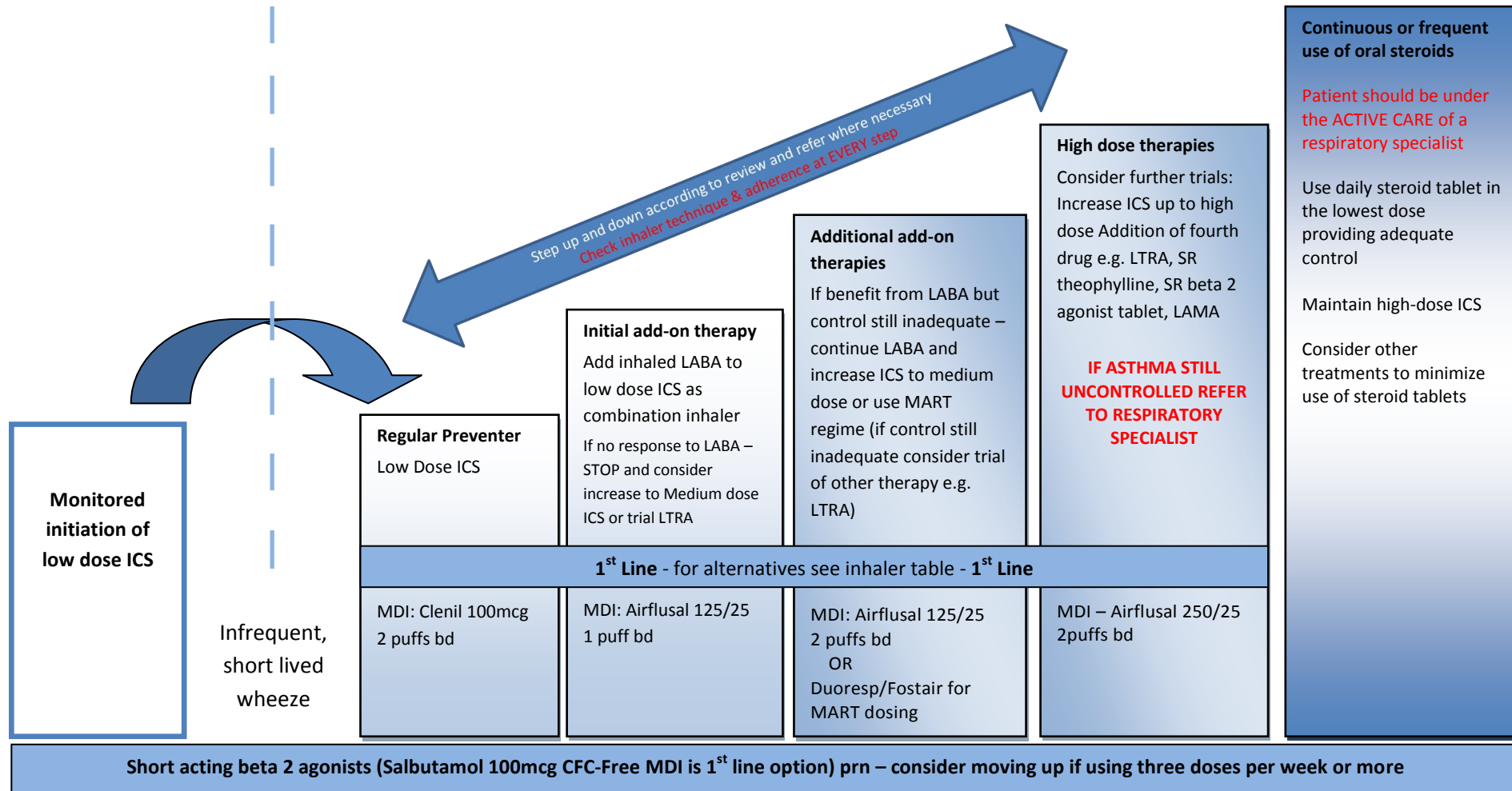




















### Barnsley Asthma Treatment Algorithm for Adults

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.	
<b>Asthma suspected</b>	<b>Asthma Diagnosed</b>
<b>Diagnosis &amp; assessment</b>	<b>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</b>



<b>SABA</b>  Reliever	<b>LOW DOSE ICS</b>  400mcg BDP equiv./day	<b>LOW DOSE ICS + LABA</b>  ICS/LABA combination 500mcg BDP equiv./day unless stated	<b>MEDIUM DOSE ICS + LABA (and ICS only)</b>  ICS/LABA combination 1000mcg BDP equiv./day unless stated	<b>HIGH DOSE ICS + LABA (and ICS only)</b>  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**

<p><b>1<sup>st</sup> Line</b> Salbutamol MDI 100mcg 2 puffs prn <b>£0.45</b></p>  <p><b>Dry Powder</b> Easyhaler DPI Salbutamol 100mcg 2 puffs prn <b>£1.00</b></p>  <p><b>Breath-actuated MDI</b> Salbutamol Easibreathe 100mcg Br/Act MDI 2 puffs prn <b>£1.90</b></p>  <p><b>Other Dry Powder option</b> Terbutaline Turbohaler 500mcg DPI 1 puff prn <b>£2.49</b></p>  <p><i>(For SABA, cost based on one dose per day for 30 days treatment)</i></p>	<p><b>1<sup>st</sup> Line</b> Clenil 100mcg MDI 2 puffs bd <b>£4.45</b></p>  <p><b>Dry Powder</b> Budesonide Easyhaler 100mcg 2 puff bd <b>£5.32</b></p>  <p><b>Extra-fine Particle</b> Qvar 50mcg MDI Inhaler or Easibreathe 2 puffs bd <b>£4.72 &amp; £4.64</b></p>  <p><b>Other non-Extra-fine option in MDI/DPI</b> Fluticasone 50mcg Evohaler or Accuhaler 2 puffs bd <b>£5.44 &amp; £8.00</b></p> 	<p><b>1<sup>st</sup> Line</b> Airflusal 125 MDI (fluticasone 125mcg / salmeterol 25mcg) 1 puff bd <b>£9.25 ***</b></p>  <p><b>Dry Powder with MART dosing</b> DuoResp Spiromax (budesonide 160mcg / formoterol 4.5mcg)* 1 puff bd <b>£13.98</b></p>  <p align="center"><b>400mcg BDP equiv./day</b></p> <p><b>Extra-fine Particle with MART dosing</b> Fostair 100/6 MDI or NEXThaler (beclometasone / formoterol) 1 puff bd <b>£14.66</b></p>  <p><b>Further Add-on Therapy options:</b>  Leukotriene Receptor Antagonist: Montelukast 10mg tablets 1 daily <b>£1.18</b></p> <p><b>Specialist:</b> Theophylline: please prescribe by brand LAMA: Spiriva Respimat 2.5mcg 2 puffs once daily <b>£23.00</b></p>	<p><b>1<sup>st</sup> Line</b> Airflusal 125 MDI (fluticasone 125mcg / salmeterol 25mcg) 2 puffs bd <b>£18.50 ***</b></p>  <p><b>Dry Powder with MART dosing</b> DuoResp Spiromax (budesonide 160mcg / formoterol 4.5mcg)* 2 puffs bd <b>£27.97</b></p>  <p align="center"><b>800mcg BDP equiv./day</b></p> <p><b>Extra-fine Particle with MART dosing</b> Fostair 100/6 MDI or NEXThaler (beclometasone / formoterol) 2 puffs bd <b>£29.32</b></p>  <p><b>If Medium or High dose ICS required WITHOUT LABA:</b> <b>1<sup>st</sup> Choice:</b> 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</p> <p><b>For HIGH dose ICS double the above dosages</b></p>	<p><b>1<sup>st</sup> Line</b> Airflusal 250 MDI (fluticasone 250mcg / salmeterol 25mcg) 2 puffs bd <b>£29.95****</b></p>  <p><b>Dry Powder</b> Airflusal Forspiro (fluticasone 500mcg / salmeterol 50mcg) 1 puff bd <b>£29.97\$</b></p>  <p><b>Extra-fine Particle with MART dosing</b> Fostair 200/6 MDI or NEXThaler (beclometasone /formoterol) 2 puffs bd <b>£29.32</b></p>  <p><b>Other Dry Powder w. MART dosing option (not extra-fine particle)</b> DuoResp Spiromax (budesonide 320mcg / formoterol 9mcg)** 2 puff bd</p> <p align="center"><b>1600mcg BDP equiv./dav</b></p>  <p align="right"><b>£55.94</b></p>
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Costs based on 30 days treatment (Drug Tariff & eBNF both accessed May 2018)

Produced by CCG MMT in consultation with BHNFT respiratory team May 2018. Approved by APC 11<sup>th</sup> July 2018

\*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

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