

North Staffordshire Joint Formulary

SECTION 3. RESPIRATORY SYSTEM

Section Last Updated: July 2017

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SECTION 3. RESPIRATORY SYSTEM

3.1 BRONCHODILATORS

Task & Finish Respiratory Review:
December 2015

3.1.1 Adrenoceptor agonists

3.1.1.1 Selective beta₂ agonists

Formoterol			
Salbutamol		1 st line: Generic MDI. 2 nd line: Easyhaler	At a glance guide: Stable COPD
Terbutaline			
Onbrez [®] Breezhaler (Indacaterol)		Not approved for inclusion in the North Staffordshire Joint Formulary	Medicines Review Verdict Sheet

3.1.2 Antimuscarinic bronchodilators

Incruse Ellipta [®] (Umeclidinium)		For use in COPD only	At a glance guide: Stable COPD
Eklira Genuair [®] (Aclidinium)		For use in COPD with end of day deterioration	At a glance guide: Stable COPD <input checked="" type="checkbox"/> MTRAC
Ipratropium			At a glance guide: Stable COPD
Braltus Zonda [®] (Tiotropium)		For use in COPD only 10 microgram per delivered dose	
Seebri [®] Breezhaler (Glycopyrronium bromide)		For use in COPD only	
Spiriva Respimat [®] (Tiotropium)	2	For use in Asthma only	<input checked="" type="checkbox"/> MTRAC

3.1.3 Theophylline

Aminophylline		Brand must be stated	
Theophylline		Brand must be stated	

3.1.4 Compound bronchodilator preparations

Anoro Ellipta [®] (Umeclidinium & vilanterol)		For use in COPD only	At a glance guide: Stable COPD
Duaklir Genuair [®] (Aclidinium & formoterol)		For use in COPD with end of day deterioration	At a glance guide: Stable COPD
Ultibro [®] (Glycopyrronium bromide & indacaterol)		For use in COPD only	

3.2 CORTICOSTEROIDS

[Adult asthma: Step down treatment guide](#) NICE TA10 NICE TA38
 NICE TA131 NICE TA138

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Beclometasone		For use in Asthma only Restriction: See APC Advice	<input checked="" type="checkbox"/> APC FF Article
Budesonide		Restriction: Nebuliser use only	
Alvesco [®] (Ciclesonide)		Not approved for inclusion in the North Staffordshire Joint Formulary	Medicines Review Verdict Sheet
Combination inhalers			
Flutiform [®] (Fluticasone & formoterol)		For use in Asthma only	<input checked="" type="checkbox"/> MTRAC
Fostair [®] (Beclometasone & formoterol)		For use in both Asthma and COPD Please note that high strength is for Asthma only	At a glance guide: Stable COPD

Relvar Ellipta® (Fluticasone & vilanterol)		For use in both Asthma and COPD	At a glance guide: Stable COPD
DuoResp Spiromax® (Budesonide & formoterol)		For use in both Asthma and COPD	At a glance guide: Stable COPD
For paediatric use only			
Seretide® (Fluticasone & salmeterol)		<u>Restriction:</u> For use in Asthma only	
Symbicort® (Budesonide & formoterol)		<u>Restriction:</u> For use in Asthma only	

APC Advice: CFC-free Beclometasone: Clenil Modulite® & Qvar®

CFC-free beclometasone inhalers should be prescribed by brand not generically.
Clenil Modulite requires no dose adjustment from CFC-BDP inhalers. Prescribing of this brand will minimise potential errors associated with changing doses and will reduce patient confusion.

Seretide® and Symbicort® will remain on the formulary for use in paediatrics for asthma.
Tiotropium as Spiriva Respimat® will remain on the formulary for asthmatic patients only.
Tiotropium (Spiriva®) has been replaced with Braltus Zonda®.

3.3 CROMOGLICATE AND RELATED THERAPY, LEUKOTRIENE RECEPTOR ANTAGONISTS AND PHOSPHODIESTERASE TYPE-4 INHIBITORS

3.3.2 Leukotriene receptor antagonists

Montelukast			<input checked="" type="checkbox"/> MTRAC
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3.3.3 Phosphodiesterase type-4 inhibitors

Roflumilast		<u>Restriction:</u> Only to be used in the context of a clinical trial in line with NICE Guidance	<input checked="" type="checkbox"/> NICE TA244 <input checked="" type="checkbox"/> MTRAC
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3.4 ANTIHISTAMINES, HYPOSENSITISATION AND ALLERGIC EMERGENCIES

3.4.1 Antihistamines**Non-sedating antihistamines**

Cetirizine			
Fexofenadine			
Loratadine			

Sedating antihistamines

Chlorphenamine			
Hydroxyzine			
Promethazine			

3.4.2 Allergen Immunotherapy

Allergen extract vaccines			<input checked="" type="checkbox"/> MTRAC
Mepolizumab		<u>Restriction:</u> In line with NICE Guidance only	<input checked="" type="checkbox"/> NICE TA431
Omalizumab		<u>Restriction:</u> In line with NICE Guidance only <u>Restriction:</u> In accordance with NHS England prescribing policy	<input checked="" type="checkbox"/> NICE TA278 <input checked="" type="checkbox"/> NICE TA339 <input checked="" type="checkbox"/> NHSE
Grazax®		Not approved for inclusion in the North Staffordshire Joint Formulary	Medicines Review Verdict Sheet
Mepolizumab		<u>Restriction:</u> In line with NICE Guidance only <u>Not approved for inclusion in the North Staffordshire Joint Formulary:</u> <u>UHNM is not commissioned to provide this treatment. All appropriate patients should be referred to a tertiary specialist commissioned centre.</u>	<input checked="" type="checkbox"/> NICE TA431

3.4.3 Allergic emergencies

Anaphylaxis			
Adrenaline/epinephrine			
Chlorphenamine			
Hydrocortisone			

Angioedema			
C1-esterase inhibitor		<u>Restriction:</u> In accordance with NHS England prescribing policy	<input checked="" type="checkbox"/> NHSE
Icatibant		<u>Restriction:</u> In accordance with NHS England prescribing policy	<input checked="" type="checkbox"/> NHSE

3.5 RESPIRATORY STIMULANTS AND PULMONARY SURFACTANT


3.5.1 Respiratory stimulants

Doxapram			
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3.5.2 Pulmonary surfactants

Beractant		<u>Restriction:</u> Neonatal use only	
Poractant alfa		<u>Restriction:</u> In accordance with NHS England prescribing policy	<input checked="" type="checkbox"/> NHSE

3.7 MUCOLYTICS

Carbocisteine		<u>Restriction within secondary care:</u> Paediatrics & Respiratory initiation only	
Nebusal®	2	<u>Restriction:</u> For use in CF only, <u>not</u> in COPD	
Dornase alfa	2	For patients commencing treatment <u>before</u> April 2013	<input checked="" type="checkbox"/> MTRAC
Dornase alfa		For patients commencing treatment <u>after</u> April 2013	<input checked="" type="checkbox"/> NHSE <input checked="" type="checkbox"/> MTRAC
Ivacaftor		<u>Restriction:</u> In accordance with NHS England prescribing policy	<input checked="" type="checkbox"/> NHSE
Mannitol dry powder for inhalation		<u>Restriction:</u> In line with NICE Guidance only	<input checked="" type="checkbox"/> NICE TA266
Erdosteine		Not approved for inclusion in the North Staffordshire Joint Formulary	 Medicines Review Verdict Sheet

3.8 AROMATIC INHALATIONS

Menthol crystals			
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3.9 COUGH PREPARATIONS

3.9.1 Cough suppressants

Methadone		<u>Restriction:</u> Palliative Care only	
Morphine		<u>Restriction:</u> Palliative Care only	
Pholcodine			

3.9.2 Demulcent and expectorant cough preparations

Simple linctus			
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3.10 SYSTEMIC NASAL DECONGESTANTS

No drugs are recommended in this group

3.11 ANTIFIBROTICS

Pirfenidone		<u>Restriction:</u> In line with NICE Guidance only	<input checked="" type="checkbox"/> NICE TA282
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