

#### Appendix 4: List of asthma medications by BNF codes

Source: BNF March to September 2013; list of immuno-suppressants from AUK-PNG working group, the BNF codes of immuno-suppressants and the 'other conditions' they are used for are derived from Monthly Index of Medical Specialities (MIMS). Age criteria checked with BNF children.

BNF section name	BNF sub-section name	BNF sub-sub-section name	BNF sub-sub-sub-section number	BNF sub-sub-sub-section name	BNF generic drug name	Drug brand name	Form	EXCLUDE	Asthma	COPD	Other conditions [reversible airways obstruction (RAO)]	Age criteria
Bronchodilators	Adrenoceptor agonists	Selective beta <sub>2</sub> agonists	03010101	Short acting beta <sub>2</sub> agonists	Salbutamol -Albuterol	Salbutamol - Non-proprietary, AirSalb, Salamol, Salamol Steri-Neb, Salapin,	tablet, injection (subcutaneous, intramuscular, intravenous), infusion (intravenous, inhalation of aerosol/powder/nebulised solution (inhalation)		✓	✓	RAO, premature labour	all age
						Ventmax SR	capsule		✓	✓		all age
						Ventolin	syrup, injection, accuhaler (dry powder for inhalation), respirator solution (for use with nebuliser or ventilator)		✓	✓		all age
						Airomir	aerosol inhalation		✓	✓		all age

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						Asmasal Clickhaler	dry powder for inhalation		✓	✓		all age
						Easyhaler Salbutamol	dry powder for inhalation		✓	✓		all age
						Pulivinal Salbutamol	dry powder for inhalation		✓	✓		all age
						Salamol Esi-Breathe	aerosol inhalation		✓	✓		all age
						Salbulin Novolizer	dry powder for inhalation		✓	✓		all age
					Bambuterol hydrochloride	Bambec	tablet		✓	✓	RAO	
				Long acting beta <sub>2</sub> agonists (LABA)	Formoterol (eformoterol) - Formoterol/eformoterol fumarate	Formoterol -Non-proprietary	dry powder for inhalation		✓	✓	RAO in patients	6 onwards
						Atimos modulite	aerosol inhalation		✓	✓		12 onwards
						Foradil	dry powder for inhalation		✓	✓		6 onwards
						Oxis Turbohaler	dry powder inhaler		✓	✓		6 onwards
								Indaceterol - Onbrez	✓	✓		
						Salmeterol - Non-proprietary, Neotent, Xinofoate,	aerosol inhalation		✓	✓	RAO in patients	children

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					Salmeterol	Serevent - Accuhaler, Diskhaler, Evohaler	dry powder for inhalation (Accuhaler, Diskhaler), aerosol inhalation (Evohaler)		✓	✓		children
					Terbutaline Sulfate	Bricanyl	tablet, syrup, injection (subcutaneous/slow intravenous, solution (continuous intravenous infusion)		✓	✓	RAO, premature labour	all age
				Bricanyl Turbohaler		powder for inhalation (Turbohaler)		✓	✓	all age		
				Bricanyl Respules		nebuliser solution		✓	✓	all age		

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								Other adrenoceptor agonists 03010102- Adrenaline (epinephrine) - Adrenaline 1 in 1000, Epipen, Epipen Junior, Jext		✓	emergency treatment of acute allergic and anaphylactic reactions, angioedema, cardiopulmonary resuscitation, severe croup	
								Other adrenoceptor agonists 03010102- Ephedrine hydrochloride - Ephedrine hydrochloride - Non-proprietary		✓	RAO	
Bronchodilators	Antimuscarinic bronchodilators							Acclidinium bromide -Eklira Genuair Glycopyrronium - Seebri Breezhaler		✓ ✓		
						Ipratropium bromide - Non-proprietary	nebuliser solution		✓	✓	RAO, rhinitis	all age

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					Ipratropium bromide	Atrovent	aerosol inhalation		✓	✓		all age	
						Ipratropium Steri-Neb	nebuliser solution		✓	✓		all age	
						Respontin	nebuliser solution		✓	✓		all age	
										Tiotropium - Spiriva			✓
	Theophylline					Theophylline	Neulin SA	tablets		✓	✓	RAO	all age
							Slo-Phyllin	capsules		✓	✓		2 onwards
							Uniphyllin Continus	tablets		✓	✓		all age
						Aminophylline	Aminophylline - Non-proprietary	injection		✓	✓	RAO, bronchospas	all age
	Phyllocontin Continus	tablets		✓	✓								
	Compound bronchodilator preparations						Ipratropium bromide with Salbutamol - Non-proprietary, Salipraneb, Ipramol	nebuliser solution		✓	✓		over 12
Combivent							nebuliser solution		✓	✓		over 12	
Peak flow meters, inhaler devices and nebulisers				Peak flow meters	Standard range peak flow meter	AirZone, Medi, MicroPeak, Mini-Wright, Personal Best, Piko-1, Pinnacle, Pocketpeak, Vitalograph			✓			over 5	

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						Medi, Mini-Wright, Pocketpeak			✓			over 5
				Inhaler devices	pressurised metered dose inhalers, breath-actuated inhalers and dry powder inhalers				✓	✓		in children, age not stated
				Spacer devices	AZA Spacer, Able Spacer, AeroChamber Plus, Babyhaler, Haleraid, Optichamber, Vortex Spacer, Pocket Chamber, Volumatic				✓	✓		in children, age not stated
					Low range peak flow meter				✓			

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				Nebulisers and compressors	Nebuliser diluent	Sodium chloride - Non-proprietary, Saline Steripoule, Saline Steri-Neb			✓	✓	RAO, cystic fibrosis, severe croup, pneumocystis pneumonia	in children, age not stated	
Corticosteroids	Beclometasone dipropionate					Beclometasone - Non-proprietary, Pulvinal,	dry powder inhalation		✓	✓		in children, age not	
						Asmabec Clickhaler	dry powder inhalation		✓	✓		6 onwards	
						Becodisks	dry powder inhalation		✓	✓		5 onwards	
						Clenil modulite	aerosol inhalation		✓	✓		2 onwards	
						Qvar	aerosol inhalation		✓	✓		over 12	
			Compound			Fostair	aerosol inhalation		✓	✓		over 18	
	Budesonide					Budesonide	Budesonide - Non-proprietary, Easyhaler Budesonide	dry powder inhalation		✓		✓	6 onwards
							Budelin Novolizer	dry powder inhalation		✓		✓	6 onwards
							Pulmicort Turbohaler	dry powder inhalation		✓		✓	5 onwards
						Compound preparations	Symbicort, Symbicort 100/6 Turbohaler, Symbicort 200/6 Turbohaler, Symbicort 400/12 Turbohaler	dry powder inhalation		✓		✓	6 onwards
						Alvesco	aerosol inhalation		✓	✓	12 onwards		

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	Fluticasone propionate					Flixotide Accuhaler, Flixotide Evohaler, Nebules	dry powder for inhalation (Accuhaler), aerosol inhalation (Evohaler)		✓	✓		5 onwards
						Compound preparations	Flutiform	aerosol inhalation	✓	✓		12 onwards
							Seretide, Seretide 100 Accuhaler, Seretide 250 Accuhaler, Seretide 500 Accuhaler, Seretide 125 Evohaler, Seretide 250 Evohaler	dry powder for inhalation (Accuhaler), aerosol inhalation (Evohaler)	✓	✓		5 onwards
	Mometasone Furoate	Asmanex Twisthaler		✓	✓		12 onwards					
Cromoglicate and related therapy, leukotriene receptor antagonist	Cromoglicate and related therapy				Sodium cromoglicate/ cromoglycate	Intal CFC-free Inhaler	dry powder inhalation aerosol inhalation		✓	✓	food allergy, allergic conjunctivitis, allergic rhinitis	5 onwards
					Nedocromil sodium	Tilade CFC-free Inhaler		✓	✓		5 onwards	

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Leukotriene receptor antagonist					Montelukast	Singulair	tablets		✓		seasonal allergic rhinitis	All age
					Zafirlukast	Accolate	tablets		✓	✓		12-18 yrs
										Phosphodiesterase type-4 inhibitors -Roflumilast, Daxas		
							Antihistamines 030401, allergen immunotherapy 030402 <i>except</i> Omalizumab, allergic emergencies 030403					
					Omalizumab ONLY	Xolair	injection		✓			over 6 years

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Immunosuppressants					Prednisolone	Predsol, Minims Prednisolone, Pred Forte, Deltacortil, Deltastab, Prednisolone, Prednisolone Soluble Tablets, Prednisolone Gastroresistant Tablets, Predsol Enema,	drops, tablets, injections		✓		ear conditions, eye inflammation, inflammatory and allergic disorders, croup, ulcerative colitis, Crohn's disease	all age
					Methotrexate	Maxtrex, Methotrexate, Metroject	tablet, injection		✓		antineoplastic s, rheumatoid arthritis, other auto-immune disorders, psoriasis, seborrhoea etc	

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					Ciclosporin	Capimune, Capsorin, Deximune, Neoral, Neoral capsules, Sandimmun	oral solutions, capsules		✓		rheumatoid arthritis, other auto-immune disorders, organ transplantation, psoriasis, seborrhoea etc, renal disorders, Inflammatory bowel disease	all age
					Azathioprine	Azathioprine, Imuran, Imuran injection	tablet, powder in vial		✓		rheumatoid arthritis, other auto-immune disorders, organ transplantation	all age