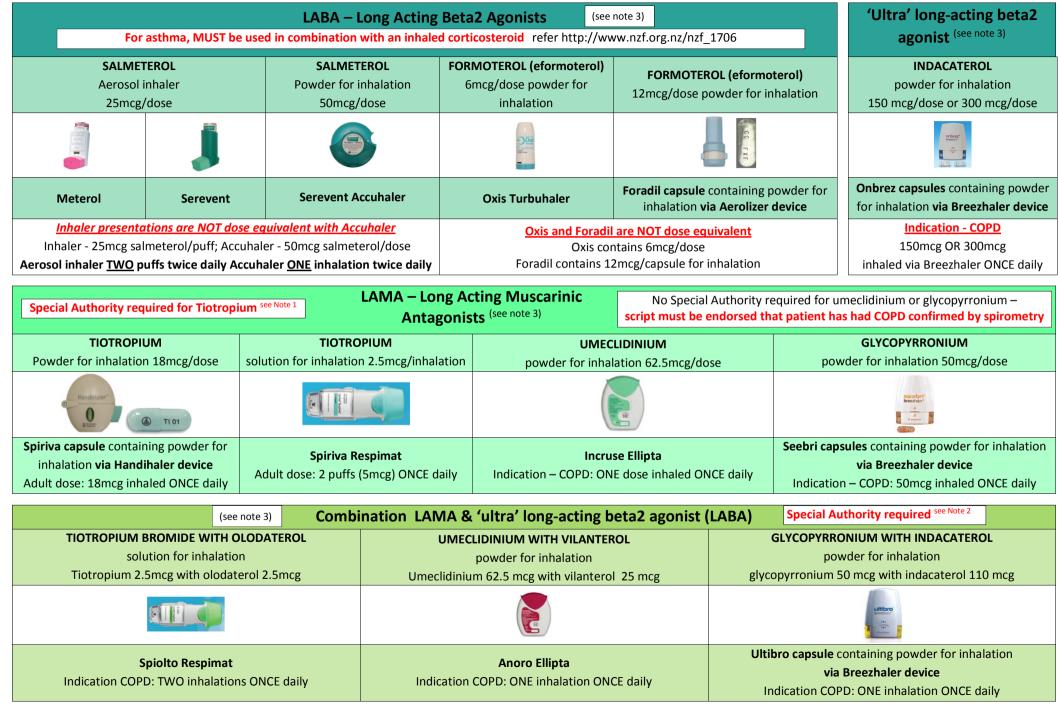
SABA – Short-Acting Beta2 Agonists								
		- Aerosol inhaler ncg/puff	TERBUTALINE powder for inhalation 250mcg/dose	SALBUTAMOL nebuliser solution 2.5mg/2.5mL nebule 5mg/2.5mL nebule				
Real Provide Action of the International Provide Action of the Int					HEREFUL AND A RECORD			
Respigen	SalAir	Salamol	Ventolin	Bricanyl Turbuhaler	Asthalin			

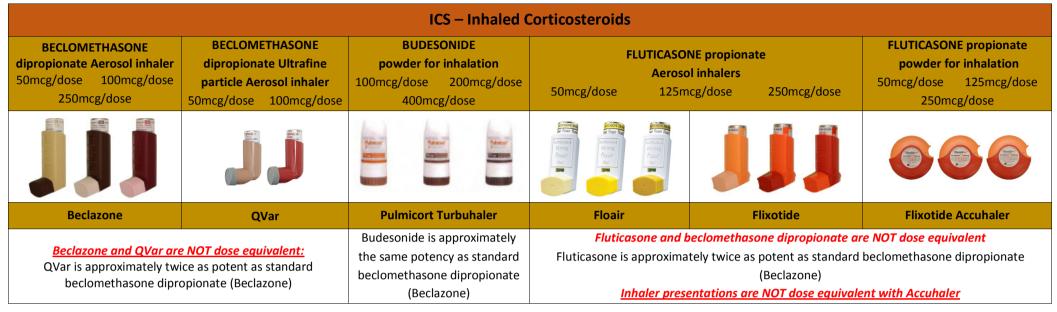
SAMA – Short-Acting	(see note 3)	Combination SABA & SAMA (see note 3)			
IPRATROPIUM Aerosol inhaler 20mcg/puff	IPRATROPIUM Nebuliser solution 250 mcg/mL 500mcg/2mL	SALBUTAMOL WITH IPRATROPIUM Aerosol inhaler salbutamol 100 mcg + ipratropium 20 mcg /puff	SALBUTAMOL WITH IPRATROPIUM Nebuliser solution salbutamol 2.5 mg + ipratropium 500 mcg /2.5 mL		
			RESCRIPTION ONLY VEDICINE DUCING UNIT OF CONTRACTOR OF CON		
Atrovent	Univent	Duolin	Duolin		

Mast Cell Stabilisers							
SODIUM CROMOGLYCATE Powder for inhalation 20mg/dose	SODIUM CROMOGLYCATE Aerosol inhaler 5mg/puff	NEDOCROMIL Aerosol inhaler 2mg/puff					
Intal Spincaps & Spinhaler	Intal Forte	Tilade					

Prepared by Helen Cant Clinical Pharmacist Tokoroa March 2016. Disclaimer: This information is obtained from current relevant sources; individual clinical circumstances should be considered when making treatment decisions.



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	(see note 3) Combination ICS & LABA Fully subsidised - Special Authority removed						
				,		daily ICS & LABA	
BUDESONIDE WITH FORMOTEROL Aerosol inhaler	BUDESONIDE WITH FORMOTEROL powder for inhalation		FLUTICASONE <u>PROPIONATE</u> & SALMETEROL Aerosol inhaler 50mcg fluticasone propionate &		FLUTICASONE PROPIONATE & SALMETEROL	FLUTICASONE <u>FUROATE</u> & VILANTEROL powder for inhalation	
budesonide 100 mcg & 6 mcg formoterol /dose	budesonide 100 mcg & 6 mcg formoterol /dose	budesonide 400 mcg & formoterol	25mcg salmet 125mcg fluticasone 25mcg salmet	e propionate & erol/puff	powder for inhalation 100mcg fluticasone propionate & 50mcg salmeterol/dose 250mcg fluticasone propionate &	Fluticasone furoate 100mcg & vilanterol 25 mcg (Asthma and COPD) Fluticasone furoate 200mcg &	
budesonide 200 mcg & 6 mcg formoterol /dose	budesonide 200 mcg & 6 mcg formoterol /dose	12 mcg/dose	Not subsidised: 250 propionate & 25mcg	•	50mcg salmeterol/dose	vilanterol 25 mcg (Asthma only)	
	NUMERON CONTRACTOR CON	No. 1 A CONT TRANSPORT		Ĵ <b>j</b> j		100 ct	
Vannair	Symbicort Turbuhaler		RexAir	Seretide	Seretide Accuhaler	Breo Ellipta	
Budesonide is half as potent as fluticasone Vannair® 100/6 is equivalent to Symbicort Turbuhaler®100/6.Note 12mcg formoterol/doseUsual dose 1 or 2 inhalations twice dailyMaximum 1 dose twice daily		Inhaler present Inhalers contain 25mc Inhaler: <u>TWO</u> puffs If extra inhaled corticoste or	Fluticasone <u>furoate</u> 100mcg ONCE daily is approx. equivalent to fluticasone <u>propionate</u> 250mcg TWICE daily				

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### Note 1:

Tiotropium Special Authority -

- SA interchangeable between Handihaler and Respimat but NOT Spiolto (combination with olodaterol) which requires a separate Special Authority (see Note 2)
- renewal no longer requires repeat spirometry
- tiotropium is not subsidised if patient receiving treatment with either glycopyrronium or umeclidinium

#### INITIAL APPLICATION

Applications only from a general practitioner or relevant specialist. Approvals valid for 2 years.

- To be used for the long-term maintenance treatment of bronchospasm and dyspnoea associated with COPD
- In addition to standard treatment, the patient has trialled a short acting bronchodilator dose of at least 40 µg ipratropium q.i.d for one month
- The patient's breathlessness Grade 4 or Grade 5
- Actual FEV1 must be below 60% of predicted
- Patient is not a smoker or patient is a smoker and has been offered smoking cessation counselling
- the patient has been offered annual influenza immunisation

#### RENEWAL

Patient is compliant with the medication and patient has experienced improved COPD symptom control (prescriber determined)

### Note 2:

#### Long-Acting Muscarinic Antagonists with 'Ultra' Long-Acting Beta-Adrenoceptor Agonists

- Tiotropium & Olodaterol
- Glycopyrronium & Indacaterol
- Umeclidinium & Vilanterol

### INITIAL APPLICATION

Applications from any relevant practitioner. Approvals valid for 2 years. Patient has been stabilised on a long acting muscarinic antagonist and the prescriber considers that the patient would receive additional benefit from switching to a combination product

### RENEWAL

Applications from any relevant practitioner. Approvals valid for 2 years. Patient is compliant with the medication and patient has experienced improved COPD symptom control (prescriber determined)

Note 3 - Caution – there is risk of duplication of therapy given the range of inhalers now available
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Class	Medication	SABA	SAMA	SABA/SAMA	LABA	LAMA	LAMA/LABA	ICS/LABA	Mast cell stabiliser
SABA	Salbutamol Terbutaline	X	~	~	$\checkmark$	~	~	$\checkmark$	~
SAMA	Ipratropium	✓	Х	X	$\checkmark$	X	X	$\checkmark$	✓
SABA / SAMA	Salbutamol & Ipratropium	✓	Х	X	✓	X	Х	Х	~
LABA	Salmeterol Formoterol Indacaterol Vilanterol (only available in combination) Olodaterol (only available in combination)	¥	V	~	x	V	x	x	¥
LAMA	Tiotropium Glycopyrronium Umeclidinium	~	х	x	✓	х	x	✓	~
LAMA / LABA	Tiotropium & Olodaterol Glycopyrronium & Indacaterol Umeclidinium & Vilanterol	~	X	x	х	X	x	Х	~
ICS / LABA	Budesonide & Formoterol Fluticasone propionate & Salmeterol Fluticasone furoate & vilanterol	~	~	~	х	*	x	х	~
Mast Cell Stabilisers	Sodium cromoglycate Nedocromil	✓	✓	~	$\checkmark$	✓	~	$\checkmark$	Х