

# PRICE COMPARISON OF COMMONLY PRESCRIBED MEDICATIONS IN NEWFOUNDLAND AND LABRADOR (2021)



# PRICE COMPARISON OF COMMONLY PRESCRIBED MEDICATIONS IN NL

## Prescription Drug Costs

Medication prices are in a constant state of flux. This can make it difficult for prescribers to get a handle on the cost of medications. A survey of this issue suggested that 80% of physicians felt unaware of the actual cost of the medications they prescribe.<sup>1</sup> A systematic review concluded that physicians consistently overestimate costs of inexpensive prescriptions and underestimate costs of expensive medications.<sup>2</sup> Price may not be the most important factor in selecting a prescription medication but patient-borne costs are an important barrier to optimal outpatient medication use and adherence.<sup>3,4</sup> Formulary coverage and prescriber selection directly influence out-of-pocket costs for patients.

The Alberta College of Family Physicians began producing an annual pricing document for commonly prescribed medications in 2011.<sup>5</sup> Since each province has its own formulary and costing system, such a pricing document would only apply to the province in which it is produced. Following in the footsteps of Alberta, the “Price Comparison of Commonly Prescribed Medications in Manitoba 2016” document was created and launched at the Medication, Evidence and Decision Support (MEDS) Conference in January 2016. The guide got some media attention when its use by Dr Daniel Hunt and the savings for his patients were highlighted by the CBC (<https://www.cbc.ca/news/canada/manitoba/university-manitoba-medication-winkler-1.5406706>) in January 2020.

This first edition of the “**Price Comparison of Commonly Prescribed Medications in Newfoundland and Labrador**” aims to accomplish the same goals as the Alberta and Manitoba pricing documents for patients and prescribers in Newfoundland and Labrador. It is hoped that this document will enhance the understanding of medication pricing and coverage so that clinically effective medications that are also affordable and cost-effective are preferentially selected.<sup>3,6</sup>

## Highlights include:

- Classes like ACE Inhibitors, Calcium Channel Blockers and antidepressants have a wide range of prices
- Quitting smoking is getting to be a better and better idea with drops in the price of varenicline and bupropion
- Need a PPI? Consider the lowest cost rabeprazole. BUT do you really need a PPI?

## Methods

The prices represent only the medication cost to the nearest dollar for a 90-day supply, unless otherwise indicated. The cost per unit/tablet has also been provided. Coverage under the Newfoundland and Labrador Prescription Drug Program (NLPDP) and the Non-Insured Health Benefits (NIHB) has also been listed. These prices do not indicate the full amount paid by patients. In Newfoundland and Labrador dispensing fees are not regulated and may vary between pharmacies. This makes it impossible to calculate the final total price for a given prescription; however, the ranking of relative prices in a particular drug class is unlikely to be altered. For drugs listed on the Newfoundland and Labrador Interchangeable Drug Products Formulary, the lowest formulary price was used to calculate the cost for a given drug. For all other medications, NLPDP list prices or whole-sale prices were used as the source of pricing, including OTC products where retail mark-up will vary. The prices listed in this guide were current as of August 2021 and may be subject to change.

We hope you continue to find this document of use in your practice and encourage you to forward your suggestions so we can continue to make the document better.

Suggestions can be made by sending an email to Shawn Bugden at: [shawn.bugden@mun.ca](mailto:shawn.bugden@mun.ca).

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# CARDIOVASCULAR AGENTS

Generic Name	Brand Name	Strength	Usual Dosing	90 Day Cost	Per Unit Cost	Coverage	
						NLPDP	NIHB
<b>Lipid Lowering Agents</b>							
Atorvastatin	Lipitor	10mg	Daily	\$17	\$0.19	Y	Y
Atorvastatin	Lipitor	20mg	Daily	\$21	\$0.24	Y	Y
Atorvastatin	Lipitor	40mg, 80mg	Daily	\$23	\$0.26	Y	Y
Ezetimibe	Ezetrol	10mg	Daily	\$18	\$0.20	Y	Y
Pravastatin	Pravachol	20mg	Daily	\$34	\$0.38	Y	Y
Rosuvastatin	Crestor	10mg	Daily	\$13	\$0.15	Y	Y
Rosuvastatin	Crestor	20mg	Daily	\$17	\$0.18	Y	Y
Rosuvastatin	Crestor	40mg	Daily	\$20	\$0.22	Y	Y
Simvastatin	Zocor	5mg	Daily	\$10	\$0.11	Y	Y
Simvastatin	Zocor	20mg, 40mg	Daily	\$25	\$0.27	Y	Y
<b>β-Blockers</b>							
Atenolol	Tenormin	50mg	Daily	\$11	\$0.12	Y	Y
Atenolol	Tenormin	100mg	Daily	\$18	\$0.20	Y	Y
Bisoprolol	Monocor	5mg	Daily	\$7	\$0.08	Y	Y
Bisoprolol	Monocor	10mg	Daily	\$10	\$0.11	Y	Y
Carvedilol	Coreg	3.125mg, 6.25mg, 12.5mg, 25mg	BID	\$48	\$0.27	SPECIAL AUTH	Y
Metoprolol	Lopresor	50mg	BID	\$14	\$0.08	Y	Y
Metoprolol	Lopresor	100mg	BID	\$30	\$0.17	Y	Y
Metoprolol SR	Lopresor SR	100mg	Daily	\$17	\$0.19	Y	Y
Metoprolol SR	Lopresor SR	200mg	Daily	\$32	\$0.35	Y	Y
<b>Calcium Channel Blockers (mainly vascular effects)</b>							
Amlodipine	Norvasc	5mg	Daily	\$13	\$0.15	Y	Y
Amlodipine	Norvasc	10mg	Daily	\$20	\$0.22	Y	Y
Nifedipine ER	Adalat XL	30mg	Daily	\$61	\$0.67	Y	Y
Nifedipine ER	Adalat XL	60mg	Daily	\$92	\$1.02	Y	Y
<b>Calcium Channel Blockers (mainly cardiac effects)</b>							
Diltiazem CD	Cardizem CD	120mg	Daily	\$35	\$0.38	Y	Y
Diltiazem CD	Cardizem CD	180mg	Daily	\$46	\$0.51	Y	Y
Diltiazem CD	Cardizem CD	240mg	Daily	\$61	\$0.68	Y	Y
Diltiazem ER	Tiazac ER	120mg	Daily	\$21	\$0.23	Y	Y
Diltiazem ER	Tiazac ER	180mg	Daily	\$28	\$0.31	Y	Y
Diltiazem ER	Tiazac ER	240mg	Daily	\$38	\$0.42	Y	Y
Verapamil	Isoptin	80mg	TID	\$80	\$0.30	Y	Y
Verapamil	Isoptin	120mg	TID	\$125	\$0.46	Y	Y
Verapamil SR	Isoptin SR	120mg	Daily	\$50	\$0.55	Y	Y
Verapamil SR	Isoptin SR	240mg	Daily	\$52	\$0.58	Y	Y

#### LEGEND:

NLPDP = Newfoundland and Labrador Prescription Drug Program; NIHB = Non-Insured Health Benefits; PA = Prior approval required; SPECIAL AUTH = Special authorization required; SR = Sustained release; CD = Controlled delivery; XL = Extended release; ER = Extended release

# CARDIOVASCULAR AGENTS

Generic Name	Brand Name	Strength	Usual Dosing	90 Day Cost	Per Unit Cost	Coverage	
						NLPDP	NIHB
<b>Angiotensin Converting Enzyme Inhibitors (ACEIs)</b>							
Cilazapril	Inhibace	5mg	Daily	\$49	\$0.54	Y	Y
Enalapril	Vasotec	10mg	Daily	\$28	\$0.31	Y	Y
Fosinopril	Monopril	20mg	Daily	\$27	\$0.30	Y	Y
Lisinopril	Zestril	20mg	Daily	\$20	\$0.22	Y	Y
Perindopril	Coversyl	4mg	Daily	\$20	\$0.22	Y	Y
Perindopril	Coversyl	8mg	Daily	\$28	\$0.31	Y	Y
Ramipril	Altace	2.5mg, 5mg	Daily	\$8	\$0.09	Y	Y
Ramipril	Altace	10mg	Daily	\$10	\$0.11	Y	Y
<b>Combination ACEI + Diuretic</b>							
Enalapril/ Hydrochlorothiazide	Vaseretic	10mg/25mg	Daily	\$105	\$1.17	N	Y
Lisinopril/ Hydrochlorothiazide	Prinzide	20mg/12.5mg	Daily	\$26	\$0.29	Y	Y
Lisinopril/ Hydrochlorothiazide	Prinzide	20mg/25mg	Daily	\$34	\$0.38	Y	
Perindopril/Indapamide	Coversyl Plus	4mg/1.25mg	Daily	\$25	\$0.28	Y <sup>1</sup>	Y
Perindopril/Indapamide	Coversyl Plus HD	8mg/2.5mg	Daily	\$28	\$0.31	Y <sup>1</sup>	Y
<b>Angiotensin II Receptor Blockers (ARBs)</b>							
Candesartan	Atacand	8mg, 16mg, 32mg	Daily	\$22	\$0.25	Y <sup>1</sup>	Y
Irbesartan	Avapro	75mg, 150mg, 300mg	Daily	\$22	\$0.25	Y <sup>1</sup>	Y
Losartan	Cozaar	25mg, 50mg, 100mg	Daily	\$31	\$0.34	Y <sup>1</sup>	Y
Telmisartan	Micardis	40mg, 80mg	Daily	\$21	\$0.24	Y <sup>1</sup>	Y
Valsartan	Diovan	80mg, 160mg	Daily	\$21	\$0.24	Y <sup>1</sup>	Y
<b>Combination ARB + Diuretic</b>							
Candesartan/ Hydrochlorothiazide	Atacand Plus	16mg/12.5mg	Daily	\$21	\$0.24	Y <sup>1</sup>	Y
Irbesartan/ Hydrochlorothiazide	Avalide	300mg/25 mg	Daily	\$22	\$0.25	Y <sup>1</sup>	Y
Irbesartan/ Hydrochlorothiazide	Avalide	150mg/12.5mg, 300mg/12.5mg	Daily	\$21	\$0.24	Y <sup>1</sup>	Y
Losartan/ Hydrochlorothiazide	Hyzaar	50mg/12.5mg, 100mg/25mg	Daily	\$31	\$0.34	Y <sup>1</sup>	Y
Losartan/ Hydrochlorothiazide	Hyzaar	100mg/12.5mg	Daily	\$30	\$0.34	Y <sup>1</sup>	Y
Telmisartan/ Hydrochlorothiazide	Micardis Plus	80mg/12.5mg, 80mg/25mg	Daily	\$21	\$0.23	Y <sup>1</sup>	Y

<sup>1</sup>Limit of 1 per day (limit of 1.5 per day for candesartan 8mg and 16mg, irbesartan 75mg and 150mg, losartan 25mg and 50mg, telmisartan 40mg, and valsartan 40mg and 160mg)

## LEGEND:

NLPDP = Newfoundland and Labrador Prescription Drug Program; NIHB = Non-Insured Health Benefits; PA = Prior approval required; SPECIAL AUTH = Special authorization required.

# CARDIOVASCULAR AGENTS

Generic Name	Brand Name	Strength	Usual Dosing	90 Day Cost	Per Unit Cost	Coverage	
						NLPDP	NIHB
<b>Diuretics</b>							
<b>Chlorthalidone</b>	Hygroton	50mg	1/4 Daily	\$3	\$0.15	Y	Y
<b>Furosemide</b>	Lasix	20mg	Daily	\$2	\$0.02	Y	Y
<b>Furosemide</b>	Lasix	40mg	Daily	\$3	\$0.04	Y	Y
<b>Hydrochlorothiazide</b>	Hydrodiuril	12.5mg	Daily	\$3	\$0.03	N	Y
<b>Hydrochlorothiazide</b>	Hydrodiuril	25mg	Daily	\$2	\$0.02	Y	Y
<b>Indapamide</b>	Lozide	1.25mg	Daily	\$7	\$0.08	Y	Y
<b>Indapamide</b>	Lozide	2.5mg	Daily	\$12	\$0.13	Y	Y
<b>Spironolactone</b>	Aldactone	25mg	Daily	\$8	\$0.09	Y	Y
<b>Spironolactone</b>	Aldactone	100mg	Daily	\$19	\$0.21	Y	Y
<b>Antiplatelet Agents</b>							
<b>ASA-EC</b>	Aspirin	81mg	Daily	\$5	\$0.05	N	Y
<b>ASA-EC</b>	Aspirin	325mg	Daily	\$3	\$0.03	N	Y
<b>Clopidogrel</b>	Plavix	75mg	Daily	\$26	\$0.29	Y	Y
<b>Ticagrelor</b>	Brilinta	90mg	BID	\$296	\$1.64	SPECIAL AUTH	Y <sup>1</sup>
<b>Anticoagulants</b>							
<b>Apixaban</b>	Eliquis	2.5mg, 5mg	BID	\$319	\$1.77	SPECIAL AUTH	Y-PA <sup>2</sup>
<b>Dabigatran</b>	Pradaxa	110mg, 150mg	BID	\$246	\$1.37	SPECIAL AUTH	Y-PA <sup>2</sup>
<b>Edoxaban</b>	Lixiana	30mg, 60mg	Daily	\$287	\$3.19	SPECIAL AUTH	Y-PA <sup>2</sup>
<b>Rivaroxaban</b>	Xarelto	15mg, 20mg	Daily	\$277	\$3.08	SPECIAL AUTH	Y-PA <sup>2</sup>
<b>Warfarin</b>	Coumadin	5mg <sup>dose variable</sup>	Daily	\$7	\$0.08	Y	Y

<sup>1</sup> NIHB coverage limited to 12 months. Continued coverage beyond one year upon receipt of rationale for continuation of therapy from the prescriber.

<sup>2</sup> For patients with non-valvular atrial fibrillation (AF) for the prevention of stroke and systemic embolism AND in whom: (a) Anticoagulation is inadequate following a reasonable trial on warfarin; OR (b) Anticoagulation with warfarin is contraindicated or not possible due to inability to regularly monitor via International Normalized Ratio (INR) testing (i.e. no access to INR testing services at a laboratory, clinic, pharmacy, and at home)

#### Legend:

NLPDP = Newfoundland and Labrador Prescription Drug Program; NIHB = Non-Insured Health Benefits; PA = Prior approval required; SPECIAL AUTH = Special authorization required; EC= Enteric coated.

# HYPOLYCEMIC AGENTS

Generic Name	Brand Name	Strength	Usual Dosing	90 Day Cost	Per Unit Cost	Coverage	
						NLPDP	NIHB
<b>Biguanides</b>							
Metformin	Glucophage	500mg	ii BID	\$10	\$0.03	Y	Y
Metformin	Glucophage	850mg	BID	\$7	\$0.04	Y	Y
Metformin SR	Glumetza	1000mg	Daily	\$100	\$1.11	N	N
<b>Sulfonylureas</b>							
Gliclazide MR	Diamicron MR	30mg	Daily	\$9	\$0.10	Y	Y
Gliclazide MR	Diamicron MR	60mg	Daily	\$6	\$0.07	Y	Y
Gliclazide	Diamicron	80mg	BID	\$18	\$0.10	Y	Y
Glyburide	Diabeta	5mg	BID	\$12	\$0.07	Y	Y
<b>Meglitinides</b>							
Repaglinide	Gluconorm	1mg	TID	\$25	\$0.09	Y <sup>1</sup>	Y
<b>Dipeptidyl Peptidase-4 (DPP-4) Inhibitors</b>							
Alogliptin	Nesina	25mg	Daily	\$204	\$2.27	N	N
Linagliptin	Trajenta	5mg	Daily	\$220	\$2.44	SPECIAL AUTH	Y <sup>2</sup>
Saxagliptin	Onglyza	5mg	Daily	\$149	\$1.66	SPECIAL AUTH	Y <sup>2</sup>
Sitagliptin	Januvia	100mg	Daily	\$319	\$3.54	SPECIAL AUTH	Y-PA <sup>3</sup>
<b>Glucagon-like Peptide-1 (GLP-1) Agonist</b>							
Dulaglutide	Trulicity	0.75mg, 1.5mg	Weekly	\$652	\$217.20	N	N
Exenatide	Byetta	5mg, 10mg	BID	\$446	\$148.70	N	N
Liraglutide	Victoza	1.2mg	Daily	\$591	\$98.55	N	N
Liraglutide	Victoza	1.8mg	Daily	\$887	\$98.55	N	N
Lixisenatide	Adlyxin	20mcg	Daily	\$352	\$117.38	N	Y
Semaglutide	Ozempic	0.5mg	Weekly	\$626	\$208.71	SPECIAL AUTH	Y <sup>4</sup>
Semaglutide	Ozempic	1mg	Weekly	\$626	\$208.71	SPECIAL AUTH	Y <sup>4</sup>
<b>Sodium-Glucose Co-transporter 2 (SGLT-2) Inhibitors</b>							
Canagliflozin	Invokana	100mg, 300mg	Daily	\$282	\$3.14	SPECIAL AUTH	Y-PA <sup>3</sup>
Dapagliflozin	Forxiga	5mg, 10mg	Daily	\$253	\$2.84	SPECIAL AUTH	Y <sup>2</sup>
Empagliflozin	Jardiance	10mg, 25mg	Daily	\$253	\$2.84	SPECIAL AUTH	Y <sup>5</sup>

<sup>1</sup>Limit of 4 per day (limit of 8 per day for repaglinide 2mg).

<sup>2</sup> Open benefit. For the treatment of patients with type 2 diabetes mellitus who did not achieve glycemic control or who demonstrated intolerance to an adequate trial of metformin and a sulfonylurea.

<sup>3</sup> Limited use benefit. For the treatment of patients with type 2 diabetes mellitus who did not achieve glycemic control or who demonstrated intolerance to an adequate trial of metformin and a sulfonylurea.

<sup>4</sup> Open benefit. For the treatment of type 2 diabetes in combination with metformin alone, when diet and exercise plus maximal tolerated dose of metformin do not achieve adequate glycemic control.

<sup>5</sup> Open benefit: for patients who did not achieve glycemic control with an adequate trial of metformin and a sulfonylurea; or to reduce the incidence of cardiovascular death in patients with established cardiovascular disease who did not achieve adequate glycemic control despite an appropriate trial of metformin.

## LEGEND:

NLPDP = Newfoundland and Labrador Prescription Drug Program; NIHB = Non-Insured Health Benefits; PA = Prior approval required; SPECIAL AUTH = Special authorization required; SR= Slow release; MR = Modified release.

# HYPOGLYCEMIC AGENTS

Generic Name	Brand Name	Strength	Cost per Unit of Insulin	Cost per 5 x 3 mL Cartridges	Coverage	
					NLPDP	NIHB
<b>Insulin</b>						
<b>Regular-Acting</b>	Humulin R	100 units/mL	\$0.03	\$51	Y	Y
	Novolin ge Toronto	100 units/mL	\$0.03	\$51	Y	Y
<b>Pre-mixed Insulin</b>	Humulin 30/70	100 units/mL	\$0.03	\$51	Y	Y
	Novolin 30/70	100 units/mL	\$0.04	\$50	Y	Y
<b>Rapid-Acting</b>	Humalog (Lispro)	100 units/mL	\$0.04	\$65	Y	Y
	Apridra (Glulisine)	100 units/mL	\$0.04	\$57	Y	Y
	NovoRapid (Aspart)	100 units/mL	\$0.04	\$66	Y	Y
<b>Intermediate-Acting</b>	Novolin NPH	100 units/mL	\$0.03	\$52	Y	Y
	Humulin N	100 units/mL	\$0.03	\$51	Y	Y
<b>Long-Acting</b>	Lantus (Glargine)	100 units/mL	\$0.06	\$96	N	Y
	Basaglar (Glargine)	100 units/mL	\$0.05	\$76	Y	Y
	Toujeo (Glargine) (price per mL in prefilled pen)	300 units/mL	\$0.09	\$137	N	Y
	Levemir (Detemir)	100 units/mL	\$0.07	\$117	SPECIAL AUTH	Y
	Tresiba (Degludec) (price per mL in prefilled pen)	100 units/mL	\$0.08	\$121	Y	Y

**LEGEND:**

NLPDP = Newfoundland and Labrador Prescription Drug Program; NIHB = Non-Insured Health Benefits; PA = Prior approval required; SPECIAL AUTH = Special authorization required.

# RESPIRATORY AGENTS

Generic Name	Brand Name (puffs per device)	Strength	Usual Dosing	Cost per Device	Coverage	
					NLPDP	NIHB
<b>β<sub>2</sub>-Agonists</b>						
<b>Short-acting β<sub>2</sub>-Agonists (SABA)</b>						
Salbutamol	Ventolin MDI (200)	100mcg	2 inh QID (prn)	\$6	Y	Y
Salbutamol	Ventolin Diskus (60)	200mcg	1 inh QID (prn)	\$11	N	Y
Terbutaline	Bricanyl Turbuhaler (100)	0.5mg	1 inh QID	\$9	Y	Y
<b>Long-acting β<sub>2</sub>-Agonists (LABA)</b>						
Formoterol	Foradil Aerolizer (60)	12mcg	1 inh BID	\$60	SPECIAL AUTH	Y-PA
Formoterol	Oxeze Turbuhaler (60)	6mcg	1 inh BID	\$37	SPECIAL AUTH	Y-PA
Formoterol	Oxeze Turbuhaler (60)	12mcg	1 inh BID	\$49	SPECIAL AUTH	Y-PA
Indacaterol	Onbrez Breezhaler (30)	75mcg	1 cap daily (inhale twice)	\$50	SPECIAL AUTH	Y-PA
Salmeterol	Serevent Diskus (60)	50mcg	1 inh BID	\$69	SPECIAL AUTH	Y-PA
<b>Anticholinergics</b>						
<b>Short-acting Anticholinergics (SAMA or SAAC)</b>						
Ipratropium	Atrovent (200)	20mcg	2 inh QID	\$21	Y <sup>1</sup>	Y
<b>Long-acting Anticholinergics (LAMA or LAAC)</b>						
Aclidinium	Tudorza Genuair (60)	400mcg	1 inh BID	\$58	SPECIAL AUTH	Y
Glycopyrronium	Seebri Breezhaler (30)	50mcg	1 cap daily	\$58	SPECIAL AUTH	Y
Tiotropium	Spiriva (30)	18mcg	1 cap daily	\$56	SPECIAL AUTH	Y
Tiotropium	Spiriva Respimat (60)	2.5mg	2 inh daily	\$56	SPECIAL AUTH	Y
Umeclidinium	Incruse Ellipta (30)	62.5mcg	1 inh daily	\$54	SPECIAL AUTH	Y

<sup>1</sup>Can only be claimed if the Beneficiary does not have an active Special Authorization for Wet Nebulization.

#### LEGEND:

NLPDP = Newfoundland and Labrador Prescription Drug Program; NIHB = Non-Insured Health Benefits; PA = Prior approval required; SPECIAL AUTH = Special authorization required; MDI = Metered dose inhaler, inh = inhalations.

# RESPIRATORY AGENTS

Generic Name	Brand Name (puffs per device)	Strength	Usual Dosing	Cost per Device	Coverage	
					NLPDP	NIHB
<b>Inhaled Corticosteroids</b>						
<b>Beclomethasone</b>	Qvar (200)	50mcg, 100mcg	1-2 inh BID	\$39-78	Y <sup>1</sup>	Y
<b>Budesonide</b>	Pulmicort (200)	100mcg, 200mcg, 400mcg	1 inh BID	\$35-104	Y <sup>1</sup>	Y
<b>Ciclesonide</b>	Alvesco (120)	100mcg, 200mcg	1 inh daily	\$51-85	Y <sup>1</sup>	Y
<b>Fluticasone Furoate</b>	Arnuity Ellipta (30)	100mcg, 200mcg	1-2 inh daily	\$44-89	Y <sup>1</sup>	Y
<b>Fluticasone Propionate</b>	Flovent MDI (120)	50mcg, 125mcg, 250mcg	1-2 inh BID	\$29-74	Y <sup>1</sup>	Y
<b>Fluticasone Propionate</b>	Flovent Diskus (60)	250mcg, 500mcg	1-2 inh BID	\$29-79	Y <sup>1</sup>	Y
<b>Mometasone</b>	Asmanex Twisthaler (60)	200mcg, 400mcg	1-2 inh daily-BID	\$42-84	Y	Y
<b>Combination Therapy</b>						
<b>Short-acting <math>\beta_2</math>-Agonists and Anticholinergics (SABA/SAMA)</b>						
<b>Salbutamol/Ipratropium</b>	Combivent Respimat (120)	100mcg/20mcg	1 inh QID	\$31	Y <sup>1</sup>	Y
<b>Long-acting <math>\beta_2</math>-Agonists and Anticholinergics (LABA/LAMA)</b>						
<b>Aclidinium/Formoterol</b>	Duaklir Genuair (60)	400/12mcg	1 inh BID	\$65	SPECIAL AUTH	Y
<b>Glycopyrronium/Indacaterol</b>	Ultibro Breezhaler (30)	50/110mcg	1 cap daily (inhale twice)	\$84	SPECIAL AUTH	Y
<b>Tiotropium/Olodaterol</b>	Inspiolo Respimat (60)	2.5/2.5mcg	2 inh daily	\$66	SPECIAL AUTH	Y
<b>Umeclidinium/Vilanterol</b>	Anoro Ellipta (30)	62.5/25mcg	1 inh daily	\$95	SPECIAL AUTH	Y
<b>Long-acting <math>\beta_2</math>-Agonists and Corticosteroids</b>						
<b>Budesonide/Formoterol</b>	Symbicort (120)	100/6 mcg, 200/6mcg	1 inh BID	\$72-94	SPECIAL AUTH	Y-PA
<b>Fluticasone Furoate/Vilanterol</b>	Breo Ellipta (30)	100/25mcg, 200/25mcg	1 inh daily	\$96-150	SPECIAL AUTH	Y-PA
<b>Fluticasone/Salmeterol</b>	Advair MDI (120)	125/25mcg, 250/25mcg	1-2 inh BID	\$119-168	SPECIAL AUTH	Y-PA
<b>Fluticasone/Salmeterol</b>	Advair Diskus (60)	100/50mcg, 250/50mcg, 500/50mcg	1 inh BID	\$46-79	SPECIAL AUTH	Y-PA
<b>Mometasone/Formoterol</b>	Zenhale MDI (120)	100/5mcg, 200/5mcg	2 inh BID	\$106-128	SPECIAL AUTH	Y-PA
<b>Long-acting <math>\beta_2</math> Agonist + LAMA + Corticosteroid (LABA/LAMA/ICS)</b>						
<b>Fluticasone Furoate/Umeclidinium/Vilanterol</b>	Trelegy Ellipta (30)	100/62.5/25mcg	1 inh daily	\$148	SPECIAL AUTH	Y-PA

<sup>1</sup>Can only be claimed if the Beneficiary does not have an active Special Authorization for Wet Nebulization.

#### LEGEND:

NLPDP = Newfoundland and Labrador Prescription Drug Program; NIHB = Non-Insured Health Benefits; PA = Prior approval required; SPECIAL AUTH = Special authorization required; MDI = Metered dose inhaler; inh = inhalations.

# RESPIRATORY AGENTS

Generic Name	Brand Name (sprays per device)	Strength	Usual Dosing	90 Day Cost	Coverage	
					NLPDP	NIHB
<b>Phosphodiesterase-4 Enzyme Inhibitor (PDE-4 Inhibitor)</b>						
Roflumilast	Daxas	500mcg	Daily	\$206.91	N	N
<b>Leukotriene Receptor Antagonist</b>						
Montelukast	Singulair	10mg	Daily	\$41.51	Y	Y-PA
<b>Nasal Corticosteroids</b>					<b>Cost per Bottle</b>	
Beclomethasone	Beconase (200)	50mcg	1-2 sprays/nostril BID	\$13	Y	Y
Budesonide	Rhinocort (120)	64mcg	1-2 sprays/nostril daily	\$11	Y	Y
Fluticasone Propionate	Flonase (120) <sup>1</sup>	50mcg	2 sprays/nostril daily	\$24	Y <sup>2</sup>	Y
Mometasone	Nasonex (140)	50mcg	2 sprays/nostril daily	\$11	Y	Y

<sup>1</sup>Generic is not interchangeable with brand name: generic price listed

<sup>2</sup>Can only be claimed if the Beneficiary does not have an active Special Authorization for Wet Nebulization.

#### LEGEND:

NLPDP = Newfoundland and Labrador Prescription Drug Program; NIHB = Non-Insured Health Benefits; PA = Prior approval required; SPECIAL AUTH = Special authorization required; MDI = Metered dose inhaler.

# SMOKING CESSATION

Generic Name	Brand Name	Strength	Usual Dosing	Treatment Course Cost	Per Unit Cost	Coverage	
						NLPDP	NIHB
<b>Smoking Cessation (price based on 12 weeks of use at stated dose)</b>							
Bupropion SR	Zyban <sup>1</sup>	150mg	BID	\$42	\$0.25	Y <sup>2</sup>	Y <sup>3</sup>
Varenicline	Champix	0.5mg OD x 3days, then 0.5mg BID x 4 days, then 0.5mg or 1mg BID x 11 weeks Total 165 tablets/12 weeks		\$166	\$1.00	Y <sup>2</sup>	Y <sup>4</sup>
<b>Nicotine Replacement Therapy</b>							
Nicotine Patch	Habitrol, Nicoderm, generic	21mg, 14mg, 7mg	Variable	\$203.44/12 weeks		Y <sup>2</sup>	Y <sup>5</sup>
Nicotine Gum	Nicorette, generic	2mg, 4mg	Max 20 pcs/day	\$28.74/ 105pc		Y <sup>2</sup>	Y <sup>5</sup>
Nicotine Lozenge	Nicorette, Thrive, generic	1mg, 2mg, 4mg	Max 15 X 2mg pcs/ day	\$34.48/88pc		Y <sup>2</sup>	Y <sup>5</sup>
Nicotine Inhaler	Nicorette	4mg	Max 16/day	\$34.48/42ctg		Y <sup>2</sup>	Y <sup>5</sup>
Nicotine Spray	Nicorette QuickMist	1mg	Max 64 sprays/day	\$56.18/300 sprays		N	Y <sup>5</sup>

<sup>1</sup>Generic is not interchangeable with brand name: generic price listed

<sup>2</sup>Open benefit for Foundation Plan Access Plan and 65+ Plan for 12 weeks therapy per year. Beneficiary must be 18 years of age and older.

<sup>3</sup>Coverage is limited to 180 tablets during a one-year period. The year starts on the date the first prescription is filled. Once this quantity has been reached the client is eligible again for coverage for bupropion hydrochloride when one year has elapsed from the day the initial prescription was filled.

<sup>4</sup>Coverage will be limited to 165 tablets during a one-year period. The year starts on the date the first prescription is filled. Once this quantity has been reached, the client is eligible again for coverage for varenicline (Champix<sup>®</sup>) when one year has elapsed from the day the initial prescription was filled.

<sup>5</sup>NIHB coverage limited to 945 gum pieces/year; 252 patches per year, 945 inhaler cartridges/year, 3450 sprays/year.

## LEGEND:

NLPDP = Newfoundland and Labrador Prescription Drug Program; NIHB = Non-Insured Health Benefits; PA = Prior approval required; SPECIAL AUTH = Special authorization required; SR = Sustained release.

# PSYCHIATRY

Generic Name	Brand Name	Strength	Usual Dosing	90 Day Cost	Per Unit Cost	Coverage						
						NLPDP	NIHB					
<b>Antidepressants</b>												
<b>Selective Serotonin Reuptake Inhibitors (SSRIs)</b>												
Citalopram	Celexa	20mg, 40mg	Daily	\$13	\$0.15	Y <sup>1</sup>	Y					
Escitalopram	Cipralex	10mg	Daily	\$31	\$0.34	Y <sup>2</sup>	Y					
Fluoxetine	Prozac	20mg	Daily	\$32	\$0.36	Y <sup>1</sup>	Y					
Fluvoxamine	Luvox	100mg	Daily	\$39	\$0.43	Y <sup>1</sup>	Y					
Paroxetine	Paxil	20mg	Daily	\$32	\$0.35	Y <sup>1</sup>	Y					
Sertraline	Zoloft	100mg	Daily	\$32	\$0.36	Y <sup>1</sup>	Y					
<b>Serotonin and Norepinephrine Reuptake Inhibitors (SNRIs)</b>												
Desvenlafaxine	Pristiq	50mg, 100mg	Daily	\$230	\$2.55	N	N					
Duloxetine	Cymbalta	30mg	Daily	\$47	\$0.52	SPECIAL AUTH	Y					
Duloxetine	Cymbalta	60mg	Daily	\$96	\$1.06	SPECIAL AUTH	Y					
Venlafaxine XR	Effexor XR	75mg	Daily	\$18	\$0.20	Y <sup>1</sup>	Y					
Venlafaxine XR	Effexor XR	150mg	Daily	\$19	\$0.21	Y <sup>1</sup>	Y					
<b>Noradrenergic and Serotonergic Antidepressant</b>												
Mirtazapine	Remeron	30mg	HS	\$34	\$0.37	Y <sup>1</sup>	Y					
Mirtazapine OD	Remeron RD	30mg	HS	\$20	\$0.23	Y <sup>1</sup>	Y					
<b>Dopamine and Norepinephrine Reuptake Inhibitors</b>												
Bupropion SR	Wellbutrin SR	150mg	BID	\$45	\$0.25	Y <sup>3</sup>	Y					
Bupropion XL	Wellbutrin XL	300mg	Daily	\$29	\$0.32	Y <sup>3</sup>	Y					

<sup>1</sup>Initial and maintenance fills are limited to a maximum 30 days.

<sup>2</sup>Initial fills are limited to a maximum 30 days. Maximum of 1.5 tablets daily.

<sup>3</sup>Limited to 1 per day; Special Authorization required if beneficiary has not had a paid claim for an anti-depressant or bupropion in past year.

#### LEGEND:

NLPDP = Newfoundland and Labrador Prescription Drug Program; NIHB = Non-Insured Health Benefits; PA = Prior approval required; SPECIAL AUTH = Special authorization required; SR= Sustained release; XR, XL= Extended release; OD = orally disintegrating tablet; RD = rapidly dissolving tablet.

# PSYCHIATRY

Generic Name	Brand Name	Strength	Usual Dosing	90 Day Cost	Per Unit Cost	Coverage	
						NLPDP	NIHB
<b>Antipsychotics</b>							
<b>Aripiprazole</b>	Abilify	10mg	Daily	\$105	\$1.17	Y <sup>1</sup>	Y
<b>Olanzapine</b>	Zyprexa	5mg	Daily	\$35	\$0.39	Y <sup>1</sup>	Y
<b>Olanzapine</b>	Zyprexa	10mg	Daily	\$70	\$0.77	Y <sup>1</sup>	Y
<b>Quetiapine</b>	Seroquel	100mg	TID	\$39	\$0.14	Y <sup>1</sup>	Y
<b>Quetiapine XR</b>	Seroquel XR	300mg	Daily	\$284	\$3.16	N	Y
<b>Risperidone</b>	Risperdal	1mg	BID	\$47	\$0.26	Y <sup>1</sup>	Y
<b>Benzodiazepines (cost for 90 tablets)</b>							
<b>Alprazolam</b>	Xanax	0.5mg	PRN <sup>2</sup>	\$7	\$0.08	Y <sup>1</sup>	Y <sup>3</sup>
<b>Clonazepam</b>	Rivotril	0.5mg	PRN <sup>2</sup>	\$4	\$0.05	Y <sup>1</sup>	Y <sup>3</sup>
<b>Lorazepam</b>	Ativan	1mg	PRN <sup>2</sup>	\$4	\$0.05	Y <sup>1</sup>	Y <sup>3</sup>
<b>Oxazepam</b>	Serax	15mg	PRN <sup>2</sup>	\$5	\$0.06	Y <sup>1</sup>	Y <sup>3</sup>
<b>Other Sedative Agents (cost for 90 tablets)</b>							
<b>Doxepin</b>	Silenor	3mg	Daily	\$60	\$0.66	N	N
<b>Trazodone</b>	Desyrel	50mg	Daily	\$5	\$0.06	Y <sup>1</sup>	Y
<b>Zopiclone</b>	Imovane	5mg	PRN <sup>2</sup>	\$10	\$0.11	Y <sup>1</sup>	N
<b>Zopiclone</b>	Imovane	7.5mg	PRN <sup>2</sup>	\$12	\$0.14	Y <sup>1</sup>	N
<b>Acetylcholinesterase Inhibitors</b>							
<b>Donepezil</b>	Aricept	5mg, 10mg	Daily	\$45	\$0.50	SPECIAL AUTH	Y-PA
<b>Galantamine ER</b>	Reminyl ER	8mg, 16mg, 24mg	Daily	\$126	\$1.40	SPECIAL AUTH	Y-PA
<b>Rivastigmine</b>	Exelon	1.5mg, 3mg, 4.5mg, 6mg	BID	\$128	\$0.71	SPECIAL AUTH	Y-PA

<sup>1</sup>Initial and maintenance fills are limited to a maximum 30 days.

<sup>2</sup>Cost calculated based on maximum 1 dose/day.

<sup>3</sup>Limited use: Dose limit of 30 mg diazepam equivalents per day, calculated based on the total dose of all benzodiazepines a client is receiving from NIHB within a 100-day period (i.e. 3000 diazepam equivalents over 100 days).

#### LEGEND:

NLPDP = Newfoundland and Labrador Prescription Drug Program; NIHB = Non-Insured Health Benefits; PA = Prior approval required; SPECIAL AUTH = Special authorization required; ER = Extended release.

# CONTRACECTIVES

Generic Name	Brand Name	Strength	Usual Dosing	84 Day Cost	Per Unit Cost	Coverage	
						NLPDP	NIHB
<b>1<sup>st</sup> Generation Progestins</b>							
Ethinyl Estradiol/Norethindrone	Synphasic	0.035mg/0.5mg, 0.035mg/1mg	Daily	\$44	\$0.70	Y <sup>1</sup>	Y
<b>2<sup>nd</sup> Generation Progestins</b>							
Ethinyl Estradiol/Levonorgestrel	Alesse	0.02mg/0.1mg	Daily	\$32	\$0.51	Y <sup>1</sup>	Y
Ethinyl Estradiol/Levonorgestrel	Min-Ovral	0.03mg/0.15mg	Daily	\$35	\$0.55	Y <sup>1</sup>	Y
Ethinyl Estradiol/Levonorgestrel	Triquilar <sup>2</sup>	0.03mg/0.05mg, 0.04mg/0.075mg, 0.03mg/0.125mg	Daily	\$51	\$0.81	Y <sup>1</sup>	Y
<b>3<sup>rd</sup> Generation Progestins</b>							
Ethinyl Estradiol/Desogestrel	Marvelon	0.03mg/0.15mg	Daily	\$25	\$0.40	Y <sup>1</sup>	Y
Ethinyl Estradiol/Norgestimate	Tricyclen Lo <sup>2</sup>	0.025mg/0.180mg, 0.025mg/0.215mg, 0.025mg/0.250mg	Daily	\$44	\$0.70	Y <sup>1</sup>	Y
Ethinyl Estradiol/Norgestimate	Tri-Cira <sup>2</sup> , Tricyclen <sup>3</sup>	0.035mg/0.180mg, 0.035mg/0.215mg, 0.035mg/0.250mg	Daily	\$71	\$1.12	Y <sup>1</sup>	Y
<b>Anti-Androgenic Progestins</b>							
Ethinyl Estradiol/Drospirenone	Yasmin	0.03mg/3mg	Daily	\$31	\$0.48	Y <sup>1</sup>	Y
Ethinyl Estradiol/Drospirenone	Yaz	0.02mg/3mg	Daily	\$48	\$0.66	Y <sup>1</sup>	Y
<b>Transdermal and Vaginal Contraceptives</b>							
Etonogestrel	Nuvaring	Vaginal ring	As dir	\$51.38/3 rings		N	Y
Norelgestromin	Evra	Patch	As dir	\$25.01/3 patches		N	Y
<b>Intrauterine Devices (IUDs)</b>							
Copper IUD	numerous <sup>4</sup>	See note below	As dir	see below		N	Y <sup>5</sup>
Levonorgestrel	Mirena, Kyleena, Jaydess	IUD	As dir	\$302.86 - \$378.06		Y <sup>6</sup>	Y <sup>7</sup>

Note: 21 or 28 day pill packs have equivalent costs.

<sup>1</sup>Beneficiary gender must be female - under the age of 53.

<sup>2</sup>Triphasic oral contraceptive.

<sup>3</sup>Tri-Cyclen has been discontinued.

<sup>4</sup>Numerous products available. Duration of contraception provided variable. Cost range indicated as per device.

<sup>5</sup>NIHB coverage limited to one IUD every 12 months.

<sup>6</sup>One dispensing every 5 years (3 years for Jaydess).

<sup>7</sup>NIHB coverage limited to one IUD every 2 years.

## Copper IUD costs:

- Flexi-T IUD: \$108.15
- Liberte UT380 SHORT: \$64.38
- Liberte UT380 STANDARD: \$64.38
- Mona Lisa 10: \$78.65
- Mona Lisa 5: \$66.44
- Mona Lisa N: \$66.44

## Legend

NLPDP = Newfoundland and Labrador Prescription Drug Program; NIHB = Non-Insured Health Benefits; PA = Prior approval required; SPECIAL AUTH = Special authorization required.

# HORMONE REPLACEMENT THERAPY

Generic Name	Brand Name	Strength	Usual Dosing	90 Day Cost	Per Unit Cost	Coverage	
						NLPDP	NIHB
<b>Oral</b>							
Conjugated Estrogen	Premarin	0.625mg	Daily	\$30	\$0.34	Y	Y
Estradiol-17b	Estrace	1mg	Daily	\$23	\$0.25	Y	Y
Medroxyprogesterone	Provera	5mg	Daily	\$15	\$0.17	Y	Y
Micronized progesterone	Prometrium	100mg	HS	\$125	\$1.39	SPECIAL AUTH	Y-PA
<b>Transdermal</b>							
Estradiol-17b Patch	Estradot (generic)	50mcg	Twice weekly	\$79	\$3.04	Y	Y
	Oesclim	50mcg	Twice weekly	\$82	\$3.16	N	Y
	Climara	50mcg	Weekly	\$79	\$6.10	Y	Y
Estradiol-17b Gel	Estrogel	0.06%	2.5g daily (1.5mg estradiol)	\$128	\$0.56	Y	Y
	Divigel	0.10%	0.25 mg, 0.5 mg, 1 mg daily	\$83	\$0.92	Y <sup>1</sup>	Y
<b>Vaginal</b>							
Conjugated Estrogen	Premarin Vaginal Cream	0.625mg/g	Variable, based on indication	\$27/30g tube		Y	Y
Estradiol-17b tablet	Vagifem-10	10mcg	Twice weekly	\$122	\$4.68/tab	Y	Y
Estradiol-17b ring	Estring	2 mg	1 ring per 3 months	\$96.79/ring		Y	Y

<sup>1</sup>Limit of 1 per day.

#### LEGEND:

NLPDP = Newfoundland and Labrador Prescription Drug Program; NIHB = Non-Insured Health Benefits; PA = Prior approval required; SPECIAL AUTH = Special authorization required.

# ANALGESICS

Generic Name	Brand Name	Strength	Usual Dosing	90 Day Cost	Per Unit Cost	Coverage	
Nonsteroidal Anti-Inflammatory Drugs (NSAIDs)							
Celecoxib	Celebrex	200mg	Daily	\$25	\$0.28	Y <sup>1</sup>	Y
Diclofenac	Voltaren	50mg	BID	\$45	\$0.25	Y	Y
Diclofenac SR	Voltaren SR	75mg	Daily	\$30	\$0.33	Y	Y
Diclofenac/Misoprostol	Arthrotec	50mg/200mcg	BID	\$60	\$0.33	Y	Y
Naproxen	Naprosyn	500mg	BID	\$41	\$0.23	Y	Y
Naproxen sodium	Anaprox	550mg	BID	\$131	\$0.73	Y	Y
Combination Analgesics							
Tramadol/Acetaminophen	Tramacet	37.5mg/325mg	1-2 tablets q6h PRN	\$20	\$0.68	N	N
Neuropathic and Chronic Pain							
Amitriptyline	Elavil	25mg	HS	\$8	\$0.09	Y <sup>2</sup>	Y
Amitriptyline	Elavil	50mg	HS	\$15	\$0.17	Y <sup>2</sup>	Y
Desipramine	Norpramin	50mg	HS	\$69	\$0.77	Y <sup>2</sup>	Y
Nortriptyline	Aventyl	25mg (X2)	HS	\$23	\$0.13	Y <sup>2</sup>	Y
Gabapentin	Neurontin	300mg	TID	\$30	\$0.11	SPECIAL AUTH	Y <sup>3</sup>
Pregabalin	Lyrica	150mg	BID	\$81	\$0.45	SPECIAL AUTH	Y-PA
Topical NSAIDs							
Diclofenac sodium	Pennsaid	1.50%	TID-QID		\$37.36/60mL	N	Y-PA
Diclofenac	Voltaren Emulgel	1.16%	BID-QID		\$9.91/100g	N	N
Diclofenac	Voltaren Emulgel	2.32%	BID-QID		12.86/100g	N	N

<sup>1</sup>Limit of 2 per day.<sup>2</sup>Initial fills are limited to a maximum 30 days.<sup>3</sup>NIHB coverage limited to 4000mg/day, and will be reduced in the future (400g/100day period).

## LEGEND:

NLPDP = Newfoundland and Labrador Prescription Drug Program; NIHB = Non-Insured Health Benefits; PA = Prior approval required; SPECIAL AUTH = Special authorization required; SR = Sustained release.

# MIGRAINE

Generic Name	Brand Name	Strength	Usual Dose	Cost per 6 tablets	Per Unit Cost	Coverage	
						NLPDP	NIHB
<b>Antimigraine</b>							
<b>Naratriptan</b>	Amerge	2.5mg	PRN	\$40	\$6.70	SPECIAL AUTH	Y <sup>1</sup>
<b>Rizatriptan</b>	Maxalt	5mg	PRN	\$24	\$4.04	Y <sup>2</sup>	Y <sup>1</sup>
<b>Rizatriptan</b>	Maxalt	10mg	PRN	\$25	\$4.15	Y <sup>2</sup>	Y <sup>1</sup>
<b>Sumatriptan</b>	Imitrex	50mg	PRN	\$18	\$3.02	Y <sup>2</sup>	Y <sup>1</sup>
<b>Sumatriptan</b>	Imitrex	100mg	PRN	\$20	\$3.33	Y <sup>2</sup>	Y <sup>1</sup>
<b>Zolmitriptan</b>	Zomig	2.5mg	PRN	\$23	\$3.86	Y <sup>2</sup>	Y <sup>1</sup>

<sup>1</sup>NIHB coverage limited to a maximum 12 tablets per 30-day period.

<sup>2</sup>Coverage limited to 6 doses/30 days.

# GOUT

Generic Name	Brand Name	Strength	Usual Dose	Cost per 6 tablets	Per Unit Cost	Coverage	
						NLPDP	NIHB
<b>Gout</b>							
<b>Allopurinol</b>	Zyloprim	200mg	Daily	\$13	\$0.14	Y	Y
<b>Colchicine</b>	Colchicine	0.6mg	Daily	\$25	\$0.28	Y	Y

#### LEGEND:

NLPDP = Newfoundland and Labrador Prescription Drug Program; NIHB = Non-Insured Health Benefits; PA = Prior approval required; SPECIAL AUTH = Special authorization required.

# ANTIMICROBIALS

Generic Name	Brand Name	Strength/Usual Dosing	Treatment Cost	Per Unit Cost	Coverage	
					NLPDP	NIHB
<b>Antimicrobials (cost as per duration indicated in dosing)</b>						
<b>Amoxicillin</b>	Amoxil	500mg TID x 7 days	\$3	\$0.14	Y	Y
<b>Amoxicillin/Clavulanate</b>	Clavulin	875mg/125mg TID x 7 days	\$25	\$1.21	Y	Y
<b>Azithromycin</b>	Zithromax	500mgx1, 250mg daily x 4 days	\$6	\$1.03	Y	Y
<b>Cephalexin</b>	Keflex	500mg QID x 7 days	\$5	\$0.19	Y	Y
<b>Ciprofloxacin</b>	Cipro	500mg BID x 3 days	\$3	\$0.55	SPECIAL AUTH	Y
<b>Clarithromycin</b>	Biaxin	500mg BID x 7 days	\$13	\$0.91	Y	Y
<b>Clindamycin</b>	Dalacin C	300mg QID x 7 days	\$14	\$0.51	Y	Y
<b>Doxycycline</b>	Doxycin	100mg BID x 7 days	\$9	\$0.64	Y	Y
<b>Levofloxacin</b>	Levaquin	500mg daily x 7 days	\$12	\$1.70	SPECIAL AUTH	Y (max 14 days)
<b>Moxifloxacin</b>	Avelox	400mg daily x 7 days	\$12	\$1.66	SPECIAL AUTH	Y (max 14 days)
<b>Nitrofurantoin</b>	Macrobid	100mg BID x 5 days	\$7	\$0.65	Y	Y
<b>Penicillin V K</b>	Pen VK	300mg QID x 7 days	\$1	\$0.05	Y	Y
<b>Sulfamethoxazole/Trimethoprim</b>	Septra	DS BID x 3 days	\$1	\$0.13	Y	Y
<b>Antivirals</b>						
<b>Acyclovir</b>	Zovirax	800mg 5x/day x7 days	\$48	\$1.38	Y	Y
<b>Famciclovir</b>	Famvir	500mg TID x7 days	\$31	\$1.46	Y	Y
<b>Oseltamivir</b>	Tamiflu	75mg BID x 5 days	\$11	\$1.13	SPECIAL AUTH	Y
<b>Valacyclovir</b>	Valtrex	1000mg (2 tabs) TID x7 days	\$28	\$0.68	Y	Y

Disclaimer: Dosing of many antibiotics variable depending on indication for use.

#### LEGEND:

NLPDP = Newfoundland and Labrador Prescription Drug Program; NIHB = Non-Insured Health Benefits; PA = Prior approval required; SPECIAL AUTH = Special authorization required.

# OSTEOPOROSIS

Generic Name	Brand Name	Strength	Usual Dosing	90 Day Cost	Per Unit Cost	Coverage	
						NLPDP	NIHB
Calcium Carbonate	Calcium	1250mg (=500mg elemental Ca)	BID <sup>1</sup>	\$4	\$0.02	Y <sup>2</sup>	Y
Vitamin D	Vitamin D	1000 units	Daily <sup>1</sup>	\$3	\$0.04	Y <sup>3</sup>	Y <sup>4</sup>
<b>Bisphosphonates</b>			<b>1 Year Cost</b>				
Alendronate	Fosamax	70mg once weekly		\$119	\$2.29	Y <sup>5</sup>	Y
Risedronate	Actonel	35mg once weekly		\$112	\$2.16	Y <sup>5</sup>	Y
Zoledronic Acid	Aclasta	5mg IV once yearly		\$366	\$365.59	N	Y-PA
<b>Bone-Modifying Agent (Monoclonal Antibody)</b>			<b>1 Year Cost</b>				
Denosumab	Prolia	60mg subcut every 6months		\$859	\$429	SPECIAL AUTH	Y-PA

<sup>1</sup>Per unit cost for OTC products will vary due to price differences that exist among brands/manufacturers and pack sizes for a given product.  
<sup>2</sup>Beneficiary must have eligibility under the Cystic Fibrosis Program. Beneficiary of CSSD. Special Authorization for beneficiaries undergoing dialysis.  
<sup>3</sup>Beneficiary must have eligibility under the Cystic Fibrosis Program.  
<sup>4</sup>Certain strengths/brands may not be covered.  
<sup>5</sup>Open benefit if beneficiary is 65 years of age or older. Special Authorization can be considered if less than 65 years of age.

**LEGEND:**

NLPDP = Newfoundland and Labrador Prescription Drug Program; NIHB = Non-Insured Health Benefits; PA = Prior approval required; SPECIAL AUTH = Special authorization required.

# UROLOGY

Generic Name	Brand Name	Strength	Usual Dosing	Cost per 4 Tablets	Per Unit Cost	Coverage	
						NLPDP	NIHB
<b>Erectile Dysfunction</b>							
Sildenafil	Viagra	100mg	As directed	\$40	\$10.03	N	N
Tadalafil	Cialis	20mg	As directed	\$50	\$12.51	N	N
Vardenafil	Levitra	20mg	As directed	\$51	\$12.73	N	N

Generic Name	Brand Name	Strength	Usual Dosing	90 Day Cost	Per Unit Cost	Coverage	
						NLPDP	NIHB
<b>Benign Prostatic Hyperplasia (BPH)</b>							
Dutasteride	Avodart	0.5mg	Daily	\$30	\$0.33	Y	Y
Finasteride	Proscar	5mg	Daily	\$41	\$0.45	Y <sup>1</sup>	Y
Tamsulosin CR	Flomax CR	0.4mg	HS	\$15	\$0.16	Y <sup>1</sup>	Y
Terazosin	Hytrin	1mg	HS	\$19	\$0.21	Y	Y

<sup>1</sup>Limit of 1 per day.

#### LEGEND:

NLPDP = Newfoundland and Labrador Prescription Drug Program; NIHB = Non-Insured Health Benefits; PA = Prior approval required; SPECIAL AUTH = Special authorization required; CR = Controlled release.

# OVERACTIVE BLADDER

Generic Name	Brand Name	Strength	Usual Dosing	90 Day Cost	Per Unit Cost	Coverage	
Anticholinergics							
<b>Fesoterodine</b>	Toviaz	4mg, 8mg	4-8mg Daily	\$146	\$1.63	SPECIAL AUTH	Y-PA
<b>Oxybutynin</b>	Ditropan	5mg	5mg BID <sup>1</sup> (up to TID)	\$19	\$0.11	Y	Y
<b>Oxybutynin XL</b>	Ditropan XL	5mg, 10mg	5-10mg Daily	\$325	\$3.61	SPECIAL AUTH	N <sup>2</sup>
<b>Solifenacin</b>	Vesicare	5mg, 10mg	5-10mg Daily	\$30	\$0.33	Y <sup>3</sup>	Y
<b>Tolterodine IR</b>	Detrol	1mg, 2mg	1-2mg BID	\$48	\$0.27	Y <sup>4</sup>	Y
<b>Tolterodine LA</b>	Detrol LA	2mg, 4mg	2-4mg Daily	\$48	\$0.54	Y <sup>5</sup>	Y
<b>Trospium</b>	Trosec	20mg	20mg BID	\$120	\$0.67	SPECIAL AUTH	Y-PA
β <sub>3</sub> – Agonist							
<b>Mirabegron</b>	Myrbetriq	25mg, 50mg <sup>6</sup>	25-50mg Daily	\$143	\$1.58	SPECIAL AUTH	Y-PA

<sup>1</sup>Cost provided for BID dosing regimen.

<sup>2</sup>NIHB coverage may be granted, as reviewed on a case-by-case basis. NIHB Drug Exception Centre must be contacted directly.

<sup>3</sup>Limit of 1 per day.

<sup>4</sup>Limit of 2 per day.

<sup>5</sup>Limit of 1 per day without Special Authoriza

<sup>6</sup>Per unit cost equivalent for 25mg and 50mg tablet strength. Tablet can not be split in half due to extended release (24hr) formulation.

#### LEGEND:

NLPDP = Newfoundland and Labrador Prescription Drug Program; NIHB = Non-Insured Health Benefits; PA = Prior approval required; SPECIAL AUTH = Special authorization required; IR = Immediate release; LA = Long acting; XL = Extended release.

# GASTROINTESTINAL AGENTS

Generic Name	Brand Name	Strength	Usual Dosing	90 Day Cost	Per Unit Cost	Coverage	
						NLPDP	NIHB
<b>Proton Pump Inhibitors (PPIs)</b>							
Esomeprazole	Nexium	40mg	Daily	\$183	\$2.04	N	N
Lansoprazole	Prevacid	15mg, 30mg	Daily	\$49	\$0.55	SPECIAL AUTH	Y <sup>1</sup>
Omeprazole	Losec	20mg	Daily	\$22	\$0.25	Y <sup>2</sup>	Y <sup>1</sup>
Pantoprazole	Pantoloc	40mg	Daily	\$20	\$0.22	Y <sup>2</sup>	Y <sup>1</sup>
Rabeprazole	Pariet	20mg	Daily	\$13	\$0.15	Y <sup>2</sup>	Y <sup>1</sup>
<b>Histamine-2 Receptor Antagonist (H<sub>2</sub>RAs)</b>							
Ranitidine		150mg	BID	\$23	\$0.13	Y	Y
<b>Antiemetics (cost for 30 tablets)</b>							
Dimenhydrinate	Gravol	50mg	PRN	\$0.41 <sup>4</sup>	\$0.01	Y <sup>5</sup>	Y
Doxylamine/Pyridoxine	Diclectin	10/10mg	PRN	\$21	\$0.70	Y	Y
Metoclopramide	Metonia/Maxeran	10mg	PRN	\$2	\$0.07	Y	Y
Ondansetron	Zofran	8mg	PRN	\$167	\$5.57	Y <sup>6</sup>	Y
<b>Laxatives</b>							
Psyllium fiber	Metamucil	1 tsp	Up to TID	\$8.68/575 g <sup>4</sup>		Y <sup>5</sup>	Y
Lactulose	Lactulose	15ml	Daily	\$15.70/1000 mL	\$0.02/ml	SPECIAL AUTH	Y
PEG3350	Lax-a-day	17g	Daily, as directed	\$17.09/510 g		Y <sup>7</sup>	Y
<b>Antidiarrheal (cost for 30 tablets)</b>							
Loperamide	Imodium	2mg	As directed	\$8.06 <sup>4</sup>	\$0.27	N	Y

<sup>1</sup>NIHB covered limited to 400 tablets/capsules every 180 days.<sup>2</sup>Limit of 1 per day without Special Authorization.<sup>3</sup>Limit of 2 per day without Special Authorization.<sup>4</sup>Per unit cost for OTC products will vary due to price differences that exist among brands/manufacturers and pack sizes for a given product.<sup>5</sup>Beneficiary of CSSD.<sup>6</sup>Limit of 3 tablets per cycle - first fill only. Special Authorization is required for higher quantities and/or subsequent fills.<sup>7</sup>Beneficiary must have eligibility under the Cystic Fibrosis Program. Beneficiary of CSSD.

## LEGEND:

NLPDP = Newfoundland and Labrador Prescription Drug Program; NIHB = Non-Insured Health Benefits; PA = Prior approval required; SPECIAL AUTH = Special authorization required.

# HELICOBACTER PYLORI ERADICATION

Generic Name	Brand Name	Strength	Usual Dosing	90 Day Cost	Per Unit Cost	Coverage	
						NLPDP	NIHB
<b>PBMT Quadruple Therapy (cost for 14 day treatment course)</b>							
Rabeprazole	Pariet	20mg	BID	\$4	\$0.15	Y <sup>1</sup>	Y <sup>2</sup>
Bismuth subsalicylate	Pepto Bismol	262-350 mg	2 tabs QID	\$10	\$0.19	N	Y <sup>3</sup>
Metronidazole	Flagyl	500 mg	QID	\$33	\$0.60	Y	Y
Tetracycline	Tetracycline	250 mg	2 tabs QID	\$5	\$0.08	Y	Y
<b>Total cost</b>				<b>\$53</b>			
<b>PAMC Quadruple Therapy (cost for 14 day treatment course)</b>							
Rabeprazole	Pariet	20mg	BID	\$4	\$0.15	Y <sup>1</sup>	Y <sup>2</sup>
Amoxicillin	Amoxil	500mg	2 tabs BID	\$8	\$0.14	Y	Y
Metronidazole	Flagyl	500 mg	BID	\$17	\$0.60	Y	Y
Clarithromycin	Biaxin	500 mg	BID	\$25	\$0.91	Y	Y
<b>Total cost</b>				<b>\$54</b>			
<b>Triple Therapy (cost for 14 day treatment course)</b>							
Amoxicillin	Amoxil	500mg	1000mg BID	\$8	\$0.14	Y	Y
Clarithromycin	Biaxin	500mg	BID	\$25	\$0.91	Y	Y
Lansoprazole	Prevacid	30mg	BID	\$15	\$0.53	SPECIAL AUTH	Y <sup>1</sup>
<b>HP-PAC (14 days of above)<sup>4</sup></b>			BID	<b>\$47</b>		N	Y

<sup>1</sup>Limit of 1 per day without Special Authorization.

<sup>2</sup>NIHB covered limited to 400 tablets/capsules every 180 days.

<sup>3</sup>Coverage will be limited to 8 tablets a day every 14 days, followed by a 28 day lockout; or coverage will be limited to 120mL a day every 14 days, followed by a 28 day lockout.

<sup>4</sup>Price reported as the sum of prices for each individual drug. Price of generic HP-PAC is considerably more expensive than the sum of the individual drugs (\$67.91 for 7 days of therapy).

#### LEGEND:

NLPDP = Newfoundland and Labrador Prescription Drug Program; NIHB = Non-Insured Health Benefits; PA = Prior approval required; SPECIAL AUTH = Special authorization required.

# IRON PREPARATIONS

Generic Name	Brand Name	Strength (mg elemental iron per tablet or 5mL)	90 Day Cost	90 Day Cost (~100 mg elemental iron per day)	Per Unit Cost	Coverage	
						NLPDP	NIHB
<b>Iron Tablets</b>			<b>1 tab/day</b>		<b>Per tab</b>		
<b>Ferrous sulfate</b>	Generic	300mg (60mg Fe <sup>2+</sup> )	\$1.88	\$3.76	\$0.02	Y <sup>2</sup>	Y
<b>Ferrous gluconate</b>	Generic	300mg (35mg Fe <sup>2+</sup> )	\$3.94	\$11.83	\$0.04	Y <sup>2</sup>	Y
<b>Ferrous fumarate</b>	Palafer (not inter-changeable)	300mg (100mg Fe <sup>2+</sup> )	\$11.45	\$11.45	\$0.13	Y <sup>2</sup>	Y
<b>Polysaccharide iron</b>	Feramax	150mg Fe <sup>2+</sup> (as polysaccharide-iron complex)	\$49.29	n/a	\$0.43	N	Y ≤ age 12
<b>Iron in liquid solution</b>			<b>5 mL/day</b>		<b>Per 5 mL</b>		
<b>Ferrous fumarate</b>	Palafer suspension	60mg/mL (20mg Fe <sup>2+</sup> /mL)	\$43.97	\$43.97	\$0.50	Y <sup>2</sup>	Y
<b>Ferrous sulfate</b>	Fer-in-Sol solution	150mg/5ml (30mg Fe <sup>2+</sup> /5ml)	\$25.34	\$86.14	\$0.28	Y <sup>2</sup>	Y
<b>Ferrous sulfate</b>	Fer-in-Sol Infant Drops	75mg/1mL(15mgFe <sup>2+</sup> /1ml)	\$124.88	n/a <sup>3</sup>	\$1.39	Y <sup>2</sup>	Y

<sup>1</sup>Per unit cost for OTC products will vary due to price differences that exist among brands/manufacturers and pack sizes of a given product.

<sup>2</sup>Beneficiary must have eligibility under the Cystic Fibrosis Program. Beneficiary of CSSD.

<sup>3</sup>Not applicable. Fer-In-Sol drops are intended to provide doses smaller than 100mg elemental Fe<sup>2+</sup> per day. The daily dose for children and infants is based on weight, resulting in significant dose and cost variability.

#### LEGEND:

NLPDP = Newfoundland and Labrador Prescription Drug Program; NIHB = Non-Insured Health Benefits; PA = Prior approval required; SPECIAL AUTH = Special authorization required.