

Appendix 1 (as submitted by authors): Supplementary table

Intranasal corticosteroids approved in Canada

Intranasal Corticosteroid	Indications ^{1,3}	Bioavailability ^{2,3} <i>Generation</i>	Fragrance	Cost ⁴ per Bottle Brand (Generic)	Cost per Spray Brand (Generic)
Beclomethasone dipropionate [@] Beconase AQ (50 mcg)	<ul style="list-style-type: none"> Allergic rhinitis Non-allergic rhinitis Chronic rhinosinusitis with polyposis 	High: 44% <i>First</i>	Scented	\$31 (\$14)	16¢ (7¢)
Budesonide [@] Rhinocort Aqua (64 mcg ⁱ , 100 mcg ⁱⁱ) <i>Rhinocort Turbuhaler*</i> (100 mcg ⁱⁱⁱ -off market)	<ul style="list-style-type: none"> Allergic rhinitis Non-allergic rhinitis Chronic rhinosinusitis with polyposis Wet nasal congestion (Turbuhaler) 	Spray: 31% (High) Turbuhaler: 22% <i>First</i>	Non-scented	i. \$13 (\$12) ii. \$26 (\$22) iii. \$29 (N/A)	i. 11¢ (10¢) ii. 16¢ (13¢) iii. 15¢ (N/A)
Ciclesonide Omnaris (50 mcg) [@]	<ul style="list-style-type: none"> Perennial allergic rhinitis Seasonal allergic rhinitis Dry nasal congestion 	Low: <1% <i>Second</i>	Non-scented	\$32 (\$N/A)	27¢ (N/A)
Flunisolide Rhinalar (25 mcg) (off market)	<ul style="list-style-type: none"> Seasonal allergic rhinitis 	High: 49% <i>First</i>	Non-scented	N/A (N/A)	N/A (N/A)
Fluticasone - azelastine Dymista (137mcg/50 mcg)	<ul style="list-style-type: none"> Seasonal allergic rhinitis 	Low: 0.8% <i>Second</i>	Non-scented	\$120 (N/A)	\$1 (N/A)
Fluticasone furoate Avamys (27.5 mcg)	<ul style="list-style-type: none"> Allergic rhinitis Non-allergic rhinitis 	Low: 0.5% <i>Second</i>	Non-scented	\$33 (N/A)	27¢ (N/A)
Fluticasone propionate Flonase (50 mcg)	<ul style="list-style-type: none"> Allergic rhinitis Non-allergic rhinitis 	Low: 0.5% <i>Second</i>	Scented	\$36 (\$25)	30¢ (20¢)
Mometasone furoate [@] Nasonex (50 mcg)	<ul style="list-style-type: none"> Allergic rhinitis, wet nasal congestion Acute sinusitis Chronic rhinosinusitis with polyposis Adenoid hypertrophy 	Low: 0.5% <i>Second</i>	non-scented (was previously scented)	\$36 (\$24)	30¢ (20¢)
Triamcinolone acetonide [@] Nasacort AQ (55 mcg)	<ul style="list-style-type: none"> Allergic rhinitis 	High: 46% <i>First</i>	Non-scented	\$24 (\$22)	20¢ (19¢)

@ indicates coverage by Ontario Drug Benefit.

References:

1. Wise SK, Lin SY, Toskala E, Orlandi RR, Akdis CA, Alt JA, Azar A, Baroody FM, Bachert C, Canonica GW, Chacko T. International consensus statement on allergy and rhinology: allergic rhinitis. *International Forum of Allergy & Rhinology*. 2018;8(2):108-352.
2. Orlandi RR, Kingdom TT, Hwang PH, Smith TL, Alt JA, Baroody FM, Batra PS, Bernal-Sprekelsen M, Bhattacharyya N, Chandra RK, Chiu A. International consensus statement on allergy and rhinology: rhinosinusitis. *International forum of allergy & rhinology* 2016 Feb (Vol. 6, No. S1, pp. S22-S209).
3. Alhussien AH, Alhedaithy RA, Alsaleh SA. Safety of intranasal corticosteroid sprays during pregnancy: an updated review. *European Archives of Oto-Rhino-Laryngology*. 2018;1;275(2):325-33
4. Cost data from October 2020 based on averaged information from two Ontario pharmacies. Does not include dispensing fee.