

ANTI-EMETIC REVIEW DRUGS UTILIZATION CALENDAR 2018

DRUG INGREDIENT (GENERIC NAME)	BRAND NAME	STRENGTH	DOSAGE FORM	RxCUI	Total Bills	Total Paid	Total Quantity Dispensed	Total Days Supply	Avg Paid / Bill	Avg Qty / Bill	Avg Days Supply / Bill
aprepitant	EMEND	40 MG	CAPSULE	644088	12	3677.85	41	41	306.49	3.42	3.42
aprepitant	EMEND	80 MG	CAPSULE	403810	2	427.88	4	4	213.94	2.00	2.00
dimenhydrinate	DRAMAMINE	50 MG	TABLET	198603	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
hydroxyzine pamoate	VISTARIL	100 MG	CAPSULE	995232	10	745.22	810	300	74.52	81.00	30.00
hydroxyzine pamoate	VISTARIL	25 MG	CAPSULE	995253	468	4497.6	30050	12070	9.61	64.21	25.79
hydroxyzine pamoate	VISTARIL	50 MG	CAPSULE	995278	286	3225.47	14923	6686	11.28	52.18	23.38
meclizine hydrochloride	ANTIVERT	12.5 MG	TABLET	995624	115	1052.37	5490	2385	9.15	47.74	20.74
meclizine hydrochloride	ANTIVERT	25 MG	TABLET	995666	670	4858.2	38476	14492	7.25	57.43	21.63
metoclopramide hydrochloride	REGLAN	5 MG/5 ML	SOLUTION	104884	14	198.93	4950	370	14.21	353.57	26.43
metoclopramide hydrochloride	REGLAN	10 MG	TABLET	311666	202	1081.59	11322	5271	5.35	56.05	26.09
metoclopramide hydrochloride	REGLAN	5 MG	TABLET	311668	43	329.6	3300	1114	7.67	76.74	25.91
netupitant; palonosetron hydrochloride	AKYNZEO	300 MG/0.5 MG	CAPSULE	1552343	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
ondansetron	ZUPLENZ	4 MG	ORAL FILM	998033	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
ondansetron	ZUPLENZ	8 MG	ORAL FILM	998028	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
ondansetron	ZOFRAN	4 MG	ORALLY DISSOLVING TABLET	104894	1618	55030.87	32627	11713	34.01	20.17	7.24
ondansetron	ZOFRAN	8 MG	ORALLY DISSOLVING TABLET	312087	536	21226.33	10645	4949	39.60	19.86	9.23
ondansetron hydrochloride	ZOFRAN	4 MG/5 ML	SOLUTION	312085	3	65.53	130	10	21.84	43.33	3.33
ondansetron hydrochloride	ZOFRAN	16 MG	TABLET	692695	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
ondansetron hydrochloride	ZOFRAN	24 MG	TABLET	312084	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
ondansetron hydrochloride	ZOFRAN	4 MG	TABLET	198052	2207	80064.12	56449	19929	36.28	25.58	9.03
ondansetron hydrochloride	ZOFRAN	8 MG	TABLET	312086	657	22219.08	17301	9762	33.82	26.33	14.86
prochlorperazine	COMPAZINE; COMPRO	25 MG	SUPPOSITORY	198159	4	1020.12	118	40	255.03	29.50	10.00
prochlorperazine maleate	COMPAZINE	10 MG	TABLET	198365	199	1749.42	6879	2343	8.79	34.57	11.77
prochlorperazine maleate	COMPAZINE	5 MG	TABLET	312635	24	166.25	1357	473	6.93	56.54	19.71
promethazine hydrochloride	PHENERGAN	12.5 MG	SUPPOSITORY	992441	1	103.25	12	3	103.25	12.00	3.00
promethazine hydrochloride	PHENERGAN	25 MG	SUPPOSITORY	992454	8	686.52	186	110	85.82	23.25	13.75
promethazine hydrochloride	PHENERGAN	50 MG	SUPPOSITORY	992478	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
promethazine hydrochloride	PHENERGAN	6.25 MG/5 ML	SYRUP	992432	34	246.95	5458	304	7.26	160.53	8.94
promethazine hydrochloride	PHENERGAN	12.5 MG	TABLET	992438	98	911.74	4089	1186	9.30	41.72	12.10
promethazine hydrochloride	PHENERGAN	25 MG	TABLET	992447	512	4166.16	20127	7074	8.14	39.31	13.82

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promethazine hydrochloride	PHENERGAN	50 MG	TABLET	992475	14	243.19	960	460	17.37	68.57	32.86
rolapitant	VARUBI	90 MG	TABLET	1665503	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
trimethobenzamide hydrochloride	TIGAN	300 MG	CAPSULE	860771	9	314.84	235	70	34.98	26.11	7.78

ANTI-EMETIC REVIEW DRUGS COST PER DAY

DRUG INGREDIENT (GENERIC NAME)	BRAND NAME	STRENGTH	DOSAGE FORM	MEDI-CAL PRICE (Brand)	MEDI-CAL PRICE (Generic)	TOTAL DAILY UNITS (TABLETS, CAPSULES, ML)	BRAND COST PER DAY	GENERIC COST PER DAY
aprepitant	EMEND	40 MG	CAPSULE	118.0400	75.7840	2	236.08	151.568
aprepitant	EMEND	80 MG	CAPSULE	218.7700	163.0250	1	218.77	163.025
dimenhydrinate	DRAMAMINE	50 MG	TABLET	Not applicable	0.0416	8	Not applicable	0.3328
hydroxyzine pamoate	VISTARIL	100 MG	CAPSULE	Not applicable	0.3387	1	Not applicable	0.3387
hydroxyzine pamoate	VISTARIL	25 MG	CAPSULE	2.4579	0.0703	4	9.8316	0.2812
hydroxyzine pamoate	VISTARIL	50 MG	CAPSULE	2.9968	0.0804	2	5.9936	0.1608
meclizine hydrochloride	ANTIVERT	12.5 MG	TABLET	Not applicable	0.1452	8	Not applicable	1.1616
meclizine hydrochloride	ANTIVERT	25 MG	TABLET	Not applicable	0.1568	4	Not applicable	0.6272
metoclopramide hydrochloride	REGLAN	5 MG/5 ML	SOLUTION	Not applicable	0.0391	60	Not applicable	2.346
metoclopramide hydrochloride	REGLAN	10 MG	TABLET	3.1094	0.0352	6	18.6564	0.2112
metoclopramide hydrochloride	REGLAN	5 MG	TABLET	3.1094	0.0376	12	37.3128	0.4512
netupitant; palonosetron hydrochloride	AKYNZEO	300 MG/0.5 MG	CAPSULE	599.8300	Not applicable	1	599.83	Not applicable
ondansetron	ZUPLENZ	4 MG	ORAL FILM	35.3620	Not applicable	6	212.172	Not applicable
ondansetron	ZUPLENZ	8 MG	ORAL FILM	35.3620	Not applicable	3	106.086	Not applicable
ondansetron	ZOFRAN	4 MG	ODT	21.9383	0.2214	6	131.6298	1.3284
ondansetron	ZOFRAN	8 MG	ODT	36.5400	0.3113	3	109.62	0.9339
ondansetron hydrochloride	ZOFRAN	4 MG/5 ML	SOLUTION	4.7204	0.2715	30	141.612	8.145
ondansetron hydrochloride	ZOFRAN	4 MG	TABLET	0.0968	0.0833	6	0.5808	0.4998
ondansetron hydrochloride	ZOFRAN	8 MG	TABLET	0.2133	0.1229	3	0.6399	0.3687

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prochlorperazine	COMPAZINE; COMPRO	25 MG	SUPPOSITORY	Not applicable	7.1343	2	Not applicable	14.2686
prochlorperazine maleate	COMPAZINE	10 MG	TABLET	Not applicable	0.2337	4	Not applicable	0.9348
prochlorperazine maleate	COMPAZINE	5 MG	TABLET	Not applicable	0.1901	4	Not applicable	0.7604
promethazine hydrochloride	PHENERGAN	12.5 MG	SUPPOSITORY	19.6583	5.7342	6	117.9498	34.4052
promethazine hydrochloride	PHENERGAN	25 MG	SUPPOSITORY	19.6583	5.2580	4	78.6332	21.032
promethazine hydrochloride	PHENERGAN	50 MG	SUPPOSITORY	Not applicable	39.3433	2	Not applicable	78.6866
promethazine hydrochloride	PHENERGAN	6.25 MG/5 ML	SYRUP	Not applicable	0.0174	60	Not applicable	1.044
promethazine hydrochloride	PHENERGAN	12.5 MG	TABLET	Not applicable	0.0567	8	Not applicable	0.4536
promethazine hydrochloride	PHENERGAN	25 MG	TABLET	Not applicable	0.0584	4	Not applicable	0.2336
promethazine hydrochloride	PHENERGAN	50 MG	TABLET	Not applicable	0.1012	2	Not applicable	0.2024
rolapitant	VARUBI	90 MG	TABLET	315.6150	Not applicable	2	631.23	0
trimethobenzamide hydrochloride	TIGAN	300 MG	CAPSULE	4.5386	1.1780	4	18.1544	4.712

ANTI-EMETIC REVIEW DRUGS COST PER DAY BY GENERIC COST

DRUG INGREDIENT (GENERIC NAME)	BRAND NAME	STRENGTH	DOSAGE FORM	MEDI-CAL PRICE (Brand)	MEDI-CAL PRICE (Generic)	TOTAL DAILY UNITS (TABLETS, CAPSULES, ML)	BRAND COST PER DAY	GENERIC COST PER DAY
hydroxyzine pamoate	VISTARIL	50 MG	CAPSULE	2.9968	0.0804	2	5.9936	0.1608
promethazine hydrochloride	PHENERGAN	50 MG	TABLET	Not applicable	0.1012	2	Not applicable	0.2024
metoclopramide hydrochloride	REGLAN	10 MG	TABLET	3.1094	0.0352	6	18.6564	0.2112
promethazine hydrochloride	PHENERGAN	25 MG	TABLET	Not applicable	0.0584	4	Not applicable	0.2336
hydroxyzine pamoate	VISTARIL	25 MG	CAPSULE	2.4579	0.0703	4	9.8316	0.2812
dimenhydrinate	DRAMAMINE	50 MG	TABLET	Not applicable	0.0416	8	Not applicable	0.3328
hydroxyzine pamoate	VISTARIL	100 MG	CAPSULE	Not applicable	0.3387	1	Not applicable	0.3387
ondansetron hydrochloride	ZOFRAN	8 MG	TABLET	0.2133	0.1229	3	0.6399	0.3687
metoclopramide hydrochloride	REGLAN	5 MG	TABLET	3.1094	0.0376	12	37.3128	0.4512
promethazine hydrochloride	PHENERGAN	12.5 MG	TABLET	Not applicable	0.0567	8	Not applicable	0.4536
ondansetron hydrochloride	ZOFRAN	4 MG	TABLET	0.0968	0.0833	6	0.5808	0.4998
meclizine hydrochloride	ANTIVERT	25 MG	TABLET	Not applicable	0.1568	4	Not applicable	0.6272
prochlorperazine maleate	COMPAZINE	5 MG	TABLET	Not applicable	0.1901	4	Not applicable	0.7604
ondansetron	ZOFRAN	8 MG	ODT	36.5400	0.3113	3	109.62	0.9339
prochlorperazine maleate	COMPAZINE	10 MG	TABLET	Not applicable	0.2337	4	Not applicable	0.9348
promethazine hydrochloride	PHENERGAN	6.25 MG/5 ML	SYRUP	Not applicable	0.0174	60	Not applicable	1.044
meclizine hydrochloride	ANTIVERT	12.5 MG	TABLET	Not applicable	0.1452	8	Not applicable	1.1616
ondansetron	ZOFRAN	4 MG	ODT	21.9383	0.2214	6	131.6298	1.3284
metoclopramide hydrochloride	REGLAN	5 MG/5 ML	SOLUTION	Not applicable	0.0391	60	Not applicable	2.346

ANTI-EMETIC REVIEW DRUGS COST PER DAY BY GENERIC COST

DRUG INGREDIENT (GENERIC NAME)	BRAND NAME	STRENGTH	DOSAGE FORM	MEDI-CAL PRICE (Brand)	MEDI-CAL PRICE (Generic)	TOTAL DAILY UNITS (TABLETS, CAPSULES, ML)	BRAND COST PER DAY	GENERIC COST PER DAY
trimethobenzamide hydrochloride	TIGAN	300 MG	CAPSULE	4.5386	1.1780	4	18.1544	4.712
ondansetron hydrochloride	ZOFRAN	4 MG/5 ML	SOLUTION	4.7204	0.2715	30	141.612	8.145
prochlorperazine	COMPAZINE; COMPRO	25 MG	SUPPOSITORY	Not applicable	7.1343	2	Not applicable	14.2686
promethazine hydrochloride	PHENERGAN	25 MG	SUPPOSITORY	19.6583	5.2580	4	78.6332	21.032
promethazine hydrochloride	PHENERGAN	12.5 MG	SUPPOSITORY	19.6583	5.7342	6	117.9498	34.4052
promethazine hydrochloride	PHENERGAN	50 MG	SUPPOSITORY	Not applicable	39.3433	2	Not applicable	78.6866
aprepitant	EMEND	40 MG	CAPSULE	118.0400	75.7840	2	236.08	151.568
aprepitant	EMEND	80 MG	CAPSULE	218.7700	163.0250	1	218.77	163.025
netupitant; palonosetron hydrochloride	AKYNZEO	300 MG/0.5 MG	CAPSULE	599.8300	Not applicable	1	599.83	Not applicable
ondansetron	ZUPLENZ	4 MG	ORAL FILM	35.3620	Not applicable	6	212.172	Not applicable
ondansetron	ZUPLENZ	8 MG	ORAL FILM	35.3620	Not applicable	3	106.086	Not applicable
rolapitant	VARUBI	90 MG	TABLET	315.6150	Not applicable	2	631.23	Not applicable

Major Adverse Effects of Antiemetic Agents

Antiemetic Class	Adverse Effects
Antihistamines	dry mouth, confusion, visual disturbances, and urinary retention. Other less common side effects include low blood pressure, excitation and allergic reactions
Dopamine antagonists	severe sedation, restlessness, anxiety and occasional hypotension
5HT3 antagonists	constipation, headache, diarrhea and dizziness. These drugs are known to cause minor ECG abnormalities which are not significant. Dolasetron is however, recommended to be avoided in patients with QT prolongation (an ECG abnormality)
NK1 antagonists	hiccups, fatigue, headaches, constipation, loss of appetite, dyspepsia, dizziness, diarrhea and elevation of liver enzymes