

Cancer Recovery

a comparison of recovery rates for different cancer drugs based on Eudra-vigilance data.

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DATA SOURCE : Eudra Data : [DropBox \[311 Mb zip\]](#)

Here are the dataset columns :

Unnamed: 0		DATE	PATHOLOGY	DRUG	INGREDIENTS	SYMPTOM	SEVERITY
398871	398871	02/08/2021 00:00	breast cancer - not applicable -	ABRAXANE POWDER FOR SUSPENSION FOR INFUSION	PACLITAXEL, PACLITAXEL ALBUMIN-BOUND	Arthralgia	n/a - Not Recovered/ Not Resolved -
398872	398872	02/08/2021 00:00	breast cancer - not applicable -	ABRAXANE POWDER FOR SUSPENSION FOR INFUSION	PACLITAXEL, PACLITAXEL ALBUMIN-BOUND	Chills	n/a - Not Recovered/ Not Resolved -
398873	398873	02/08/2021 00:00	breast cancer - not applicable -	ABRAXANE POWDER FOR SUSPENSION FOR INFUSION	PACLITAXEL, PACLITAXEL ALBUMIN-BOUND	Fatigue	n/a - Not Recovered/ Not Resolved -
398874	398874	02/08/2021 00:00	breast cancer - not applicable -	ABRAXANE POWDER FOR SUSPENSION FOR INFUSION	PACLITAXEL, PACLITAXEL ALBUMIN-BOUND	Headache	n/a - Not Recovered/ Not Resolved -
398875	398875	02/08/2021 00:00	breast cancer - not applicable -	ABRAXANE POWDER FOR SUSPENSION FOR INFUSION	PACLITAXEL, PACLITAXEL ALBUMIN-BOUND	Malaise	n/a - Not Recovered/ Not Resolved -

METHOD :

I filtered the PATHOLOGY column for cancer, so I only had reports for treatment of cancer. Then I counted number of reports for each drug used in the treatment of cancer.

I filtered the data again. This time I filtered the PATHOLOGY column for "cancer" AND filtered SEVERITY column for "recovered". Then I counted the number of reports for each drug used in the treatment of cancer where patient recovered.

By dividing the second count by the first, I obtained the percentage of reports for each drug that resulted in recovery.

This may help cancer sufferers to choose between cancer medications.

RESULTS :

DRUG	CASES	RECOVERED	%
PERJETA 420 MG CONCENTRATE FOR SOLUTION FOR INFUSION	183	147	80.33
CAELYX 2 MG/ML CONCENTRATE FOR SOLUTION FOR INFUSION	736	492	66.85
LONSURF 15 MG/6.14 MG FILM-COATED TABLETS	164	100	60.98
CAELYX 2 MG/ML	115	70	60.87
ONTRUZANT	421	234	55.58
LEUPRORELIN	177	97	54.80

AVASTIN 25 MG/ML CONCENTRATE FOR SOLUTION FOR INFUSION	609	307	50.41
FASLODEX 250 MG SOLUTION FOR INJECTION	191	93	48.69
NEXAVAR 200 MG FILM-COATED TABLETS	555	267	48.11
AVELUMAB	652	311	47.70
CABOMETYX 60 MG FILM-COATED TABLETS	186	88	47.31
ALECENSA	149	70	46.98
JEVTANA 60 MG CONCENTRATE AND SOLVENT FOR SOLUTION FOR INFUSION	150	70	46.67
STIVARGA 40 MG FILM-COATED TABLETS	460	214	46.52
INLYTA 5 MG FILM-COATED TABLETS	281	126	44.84
XALKORI 250 MG	143	64	44.76
VOTRIENT 400 MG FILM-COATED TABLETS	289	129	44.64
INLYTA 1 MG FILM-COATED TABLETS	129	57	44.19
HERZUMA	209	92	44.02
OPDIVO 10 MG/ML CONCENTRATE FOR SOLUTION FOR INFUSION	178	78	43.82
TRODELVY 200 MG POWDER FOR CONCENTRATE FOR SOLUTION FOR INFUSION	230	100	43.48
LONSURF 20 MG/8.19 MG	154	66	42.86
GRASTOFIL	105	44	41.90
KEYTRUDA 25 MG/ML CONCENTRATE FOR SOLUTION FOR INFUSION	470	193	41.06
ERBITUX 5 MG/ML SOLUTION FOR INFUSION	117	46	39.32
SUTENT 25 MG HARD CAPSULES	107	42	39.25
HYCAMTIN	2659	1034	38.89
ZALTRAP	330	128	38.79
SUTENT 50 MG HARD CAPSULES	534	206	38.58
CAELYX	4789	1846	38.55
KANJINTI	104	40	38.46
ALIMTA 500 MG POWDER FOR CONCENTRATE FOR SOLUTION FOR INFUSION	103	38	36.89
TAXOTERE	2574	937	36.40
CABOMETYX 40 MG FILM-COATED TABLETS	245	89	36.33
HALAVEN 0.44 MG/ML SOLUTION FOR INJECTION	306	110	35.95
HERCEPTIN 150 MG POWDER FOR CONCENTRATE FOR SOLUTION FOR INFUSION	184	66	35.87
IBRANCE 125 MG	1095	392	35.80

YONDELIS	274	98	35.77
PROVENGE	321	114	35.51
AFINITOR 10 MG TABLETS	461	163	35.36
TOPOTECAN HYDROCHLORIDE	696	245	35.20
KISQALI 200 MG FILM-COATED TABLETS	266	93	34.96
KEYTRUDA 50 MG POWDER FOR CONCENTRATE FOR SOLUTION FOR INFUSION	212	74	34.91
AFINITOR 5 MG TABLETS	192	67	34.90
VOTRIENT 200 MG FILM-COATED TABLETS	247	86	34.82
RITUXIMAB	143	49	34.27
TAGRISSO 80 MG FILM-COATED TABLETS	120	41	34.17
NOT AVAILABLE	221	74	33.48
SUNITINIB	341	114	33.43
HALAVEN	6624	2199	33.20
BAVENCIO	413	137	33.17
ATEZOLIZUMAB	1591	526	33.06
VERZENIOS	110	36	32.73
IBRANCE 100 MG HARD CAPSULES	257	83	32.30
ERBITUX 5 MG/ML	1151	371	32.23
AFLIBERCEPT	697	221	31.71
DOCETAXEL ACCORD	406	128	31.53
NERATINIB	178	56	31.46
PEMETREXED DISODIUM	242	75	30.99
ERLEADA 60 MG FILM-COATED TABLETS	294	91	30.95
PERJETA	2589	796	30.75
CRIZOTINIB	322	99	30.75
METHOTREXATE	1075	330	30.70
FASLODEX 250 MG/5 ML SOLUTION FOR INJECTION	790	241	30.51
CABOMETYX 20 MG FILM-COATED TABLETS	115	34	29.57
TOPOTECAN	941	278	29.54
NEXAVAR 200 MG	122	36	29.51
SUTENT 12.5 MG	579	170	29.36
NEULASTA	684	200	29.24
IBRANCE 125 MG HARD CAPSULES	1336	390	29.19
ZYTIGA	584	170	29.11
VECTIBIX 20 MG/ML CONCENTRATE FOR SOLUTION FOR INFUSION	133	38	28.57
IRINOTECAN HCL	211	60	28.44
XTANDI 40 MG SOFT CAPSULES	529	149	28.17
AVASTIN	17860	5016	28.09
JEVTANA	7613	2106	27.66
LIBTAYO	142	39	27.46
LYNPARZA 150 MG FILM-COATED TABLETS	157	43	27.39

GRANISETRON	103	28	27.18
FENTANYL	498	134	26.91
TRASTUZUMAB	662	177	26.74
CYRAMZA	486	129	26.54
PERTUZUMAB	1323	351	26.53
EPIRUBICIN HCL	234	62	26.50
XELODA	5760	1522	26.42
LENVIMA	6503	1704	26.20
DOCETAXEL	18322	4766	26.01
IRINOTECAN	3494	887	25.39
NERLYNX	694	173	24.93
HERCEPTIN	11950	2962	24.79
MANNITOL	202	50	24.75
AXITINIB	1230	304	24.72
PALBOCICLIB	409	99	24.21
CETUXIMAB	1622	392	24.17
REGORAFENIB	659	158	23.98
PEMETREXED	1832	436	23.80
ERLEADA	5382	1275	23.69
VANDETANIB	462	109	23.59
ERBITUX	2702	628	23.24
ZOLEDRONIC ACID	190	44	23.16
DOXORUBICIN HYDROCHLORIDE	1460	336	23.01
PACLITAXEL ALBUMIN-BOUND	607	138	22.73
PACLITAXEL	4741	1064	22.44
ENCORAFENIB	103	23	22.33
SUTENT 37.5 MG HARD CAPSULES	162	36	22.22
CAPECITABINE	9376	2061	21.98
LYSODREN	137	30	21.90
KEYTRUDA	53218	11586	21.77
IRINOTECAN HYDROCHLORIDE TRIHYDRATE	138	30	21.74
ALIMTA	8770	1898	21.64
VECTIBIX	3847	832	21.63
BEVACIZUMAB	13154	2789	21.20
TRAMETINIB	100	21	21.00
LONSURF	10755	2233	20.76
PANITUMUMAB	1472	305	20.72
ENZALUTAMIDE	4185	866	20.69
RUCAPARIB	146	30	20.55
SUTENT	39698	8021	20.21
TORISEL	1128	224	19.86
DOXORUBICIN HYDROCHLORIDE, LIPOSOMAL	676	134	19.82
AFINITOR TABLETS	4898	964	19.68
XGEVA	271	53	19.56
CYTARABINE	124	24	19.35
AFATINIB	151	29	19.21
BINIMETINIB	250	48	19.20
LYNPARZA	11865	2258	19.03
GIOTRIF	191	36	18.85

DENOSUMAB	1619	305	18.84
PIQRAY	1318	248	18.82
NUBEQA	171	32	18.71
DEXAMETHASONE	632	117	18.51
STIVARGA	23546	4347	18.46
SOTORASIB	522	96	18.39
NUBEQA 300 MG	1009	185	18.33
TRABECTEDIN	116	21	18.10
TAGRISO	9609	1725	17.95
PEMBROLIZUMAB	6866	1230	17.91
FILGRASTIM	257	46	17.90
TRODELVY	4336	756	17.44
NEXAVAR	11968	2081	17.39
CABOZANTINIB	110	19	17.27
BRAFTOVI	6461	1111	17.20
APALUTAMIDE	469	80	17.06
NIVOLUMAB	726	123	16.94
TEGAFUR, GIMERACIL, OTERACIL POTASSIUM	1046	176	16.83
RIBOCICLIB	4429	738	16.66
ERIBULIN	686	114	16.62
XALKORI	4177	691	16.54
KISQALI	8928	1475	16.52
TARCEVA	182	30	16.48
ZOMETA	501	81	16.17
MVASI	669	108	16.14
OLAPARIB	2581	414	16.04
OPDIVO	12253	1947	15.89
ABIRATERONE ACETATE	406	64	15.76
FASLODEX	20524	3188	15.53
IMFINZI	556	86	15.47
AFINITOR	21087	3253	15.43
CABAZITAXEL	1907	290	15.21
MEKINIST	3205	486	15.16
LENVATINIB	194	29	14.95
IRESSA	6798	1013	14.90
VOTRIENT	11075	1616	14.59
PAZOPANIB	850	124	14.59
CABOMETYX	5204	755	14.51
FIRMAGON	181	26	14.36
DEXRAZOXANE	106	15	14.15
RUBRACA	9895	1386	14.01
SORAFENIB	557	78	14.00
OSIMERTINIB	1017	141	13.86
FULVESTRANT	8176	1114	13.63
PEGFILGRASTIM	118	16	13.56
IPILIMUMAB	1817	246	13.54
ALPELISIB	1643	220	13.39
INLYTA	7232	968	13.38
VERZENIOS 150 MG	165	22	13.33
DOCETAXEL WINTHROP	122	16	13.11

CAPECITABINE ACCORD	131	17	12.98
CAPRELSA	1932	244	12.63
DEGARELIX	135	17	12.59
ABRAXANE	2640	330	12.50
SACITUZUMAB GOVITECAN	635	77	12.13
RADIATION THERAPY	319	38	11.91
XTANDI	48048	5521	11.49
GAVRETO	372	42	11.29
ERLOTINIB	381	42	11.02
COTELLIC	220	24	10.91
LUMYKRAS	244	26	10.66
IBRANCE	69980	7255	10.37
TISLELIZUMAB	180	18	10.00
TEGAFUR, GIMERACIL, OTERACIL	311	31	9.97
LUTETIUM (177LU) VIPIVOTIDE TETRAKETAN	126	12	9.52
THIOTEPA	173	15	8.67
VOTRIENT FILM-COATED TABLETS	3012	255	8.47
ZELBORAF	192	16	8.33
XOFIGO	4612	376	8.15
GEFITINIB	1070	85	7.94
ALECTINIB	166	13	7.83
EVEROLIMUS	918	67	7.30
ERIBULIN MESYLATE	207	15	7.25
ZEJULA	1751	122	6.97
KADCYLA	583	40	6.86
YERVOY	106	7	6.60
ABEMACICLIB	792	46	5.81
BUPRENORPHINE	267	15	5.62
PLUVICTO	726	37	5.10
ORGOVYX	225	11	4.89
NIRAPARIB	236	10	4.24
DABRAFENIB	928	34	3.66
ERLOTINIB HYDROCHLORIDE	193	2	1.04
TUKYSA	282	2	0.71

This is a rough guide based on the incidence of reports with a status of recovery for each drug.

I will need to carry out further investigation by looking at other indexes of recovery such as reductions in adverse effects such as nausea, pain, weakness etc.

It is good to know which drugs are associated with a higher recovery rate, but it is also good to know which drugs have fewer adverse effects in order to reach recovery.

You will need to look at the clinical literature on each cancer drug to see if these ratings are confirmed.

RECOVERY WITH MINIMAL ADVERSE EFFECTS

METHOD :

I filtered the PATHOLOGY column for cancer, so I only had reports for treatment of cancer. Then I counted number of reports for each drug used in the treatment of cancer.

I filtered the data again. This time I filtered the PATHOLOGY column for "cancer" AND filtered SYMPTOM column for "nausea". Then I counted the number of reports for each drug used in the treatment of cancer where patient had nausea.

By dividing the second count by the first, I obtained the percentage of reports for each drug that resulted in nausea

I repeated the analysis for "pain" also, so you can identify anti-cancer drugs that have highest recovery, lowest nausea and lowest pain.

This may help cancer sufferers to choose between cancer medications.

RESULTS :

DRUG	CASES	NAUSEA	% with NAUSEA	RECOVERED	% RECOVERED	PAIN	% PAIN
GRASTOFIL	105	2	1.90	44	41.90	16	15.24
NEULASTA	684	15	2.19	200	29.24	98	14.33
LEUPRORELIN	177	1	0.56	97	54.80	24	13.56
VERZENIOS 150 MG	165	1	0.61	22	13.33	15	9.09
LONSURF 20 MG/8.19 MG	154	4	2.60	66	42.86	12	7.79
CAELYX 2 MG/ML CONCENTRATE FOR SOLUTION FOR INFUSION	736	21	2.85	492	66.85	54	7.34
FASLODEX	20524	299	1.46	3188	15.53	1463	7.13
LIBTAYO	142	3	2.11	39	27.46	10	7.04
LYNPARZA 150 MG FILM-COATED TABLETS	157	7	4.46	43	27.39	11	7.01
DEGARELIX	135	1	0.74	17	12.59	9	6.67
XGEVA	271	1	0.37	53	19.56	18	6.64
BINIMETINIB	250	2	0.80	48	19.20	16	6.40
DENOSUMAB	1619	36	2.22	305	18.84	103	6.36
ZOLEDRONIC ACID	190	4	2.11	44	23.16	12	6.32
PERJETA 420 MG CONCENTRATE FOR SOLUTION FOR INFUSION	183	3	1.64	147	80.33	11	6.01
PEGFILGRASTIM	118	1	0.85	16	13.56	7	5.93
CABOMETYX 60 MG FILM-COATED TABLETS	186	10	5.38	88	47.31	11	5.91
ALIMTA 500 MG POWDER FOR CONCENTRATE FOR SOLUTION FOR INFUSION	103	2	1.94	38	36.89	6	5.83
XOFIGO	4612	78	1.69	376	8.15	268	5.81

TORISEL	1128	14	1.24	224	19.86	64	5.67
ONTRUZANT	421	9	2.14	234	55.58	23	5.46
VERZENIOS	110	5	4.55	36	32.73	6	5.45
JEVTANA 60 MG CONCENTRATE AND SOLVENT FOR SOLUTION FOR INFUSION	150	4	2.67	70	46.67	8	5.33
ATEZOLIZUMAB	1591	34	2.14	526	33.06	84	5.28
HALAVEN 0.44 MG/ML SOLUTION FOR INJECTION	306	4	1.31	110	35.95	16	5.23
STIVARGA 40 MG FILM-COATED TABLETS	460	6	1.30	214	46.52	24	5.22
ZOMETA	501	1	0.20	81	16.17	26	5.19
SUTENT	39698	813	2.05	8021	20.21	2038	5.13
TUKYSA	282	2	0.71	2	0.71	14	4.96
VOTRIENT 200 MG FILM-COATED TABLETS	247	6	2.43	86	34.82	12	4.86
RUCAPARIB	146	9	6.16	30	20.55	7	4.79
LUTETIUM (177LU) VIPIVOTIDE TETRAKETAN	126	4	3.17	12	9.52	6	4.76
AVELUMAB	652	7	1.07	311	47.70	31	4.75
ZEJULA	1751	55	3.14	122	6.97	83	4.74
SACITUZUMAB GOVITECAN	635	31	4.88	77	12.13	30	4.72
NEXAVAR	11968	128	1.07	2081	17.39	565	4.72
EPIRUBICIN HCL	234	12	5.13	62	26.50	11	4.70
DOCETAXEL ACCORD	406	12	2.96	128	31.53	19	4.68
CABAZITAXEL	1907	26	1.36	290	15.21	89	4.67
IBRANCE	69980	1185	1.69	7255	10.37	3261	4.66
INLYTA	7232	84	1.16	968	13.38	335	4.63
NERLYNX	694	19	2.74	173	24.93	32	4.61
BUPRENORPHINE	267	15	5.62	15	5.62	12	4.49
CAELYX	4789	101	2.11	1846	38.55	215	4.49
LONSURF	10755	426	3.96	2233	20.76	458	4.26
MVASI	669	16	2.39	108	16.14	28	4.19
XTANDI	48048	852	1.77	5521	11.49	2002	4.17
DEXAMETHASONE	632	10	1.58	117	18.51	25	3.96
ENZALUTAMIDE	4185	42	1.00	866	20.69	165	3.94
FULVESTRANT	8176	122	1.49	1114	13.63	320	3.91
IBRANCE 100 MG HARD CAPSULES	257	12	4.67	83	32.30	10	3.89
ENCORAFENIB	103	1	0.97	23	22.33	4	3.88
PLUVICTO	726	5	0.69	37	5.10	28	3.86
STIVARGA	23546	194	0.82	4347	18.46	877	3.72
AFINITOR	21087	267	1.27	3253	15.43	776	3.68
AFINITOR 5 MG TABLETS	192	3	1.56	67	34.90	7	3.65
ZELBORAF	192	1	0.52	16	8.33	7	3.65

PERJETA	2589	35	1.35	796	30.75	93	3.59
INLYTA 5 MG FILM-COATED TABLETS	281	3	1.07	126	44.84	10	3.56
KISQALI	8928	216	2.42	1475	16.52	315	3.53
VOTRIENT FILM-COATED TABLETS	3012	87	2.89	255	8.47	106	3.52
FILGRASTIM	257	5	1.95	46	17.90	9	3.50
ERIBULIN	686	5	0.73	114	16.62	24	3.50
TOPOTECAN	941	18	1.91	278	29.54	32	3.40
NIRAPARIB	236	2	0.85	10	4.24	8	3.39
RUBRACA	9895	385	3.89	1386	14.01	334	3.38
TAGRISSO 80 MG FILM-COATED TABLETS	120	4	3.33	41	34.17	4	3.33
PEMETREXED DISODIUM	242	8	3.31	75	30.99	8	3.31
HERCEPTIN 150 MG POWDER FOR CONCENTRATE FOR SOLUTION FOR INFUSION	184	7	3.80	66	35.87	6	3.26
AFINITOR 10 MG TABLETS	461	3	0.65	163	35.36	15	3.25
NEXAVAR 200 MG FILM-COATED TABLETS	555	2	0.36	267	48.11	18	3.24
GAVRETO	372	3	0.81	42	11.29	12	3.23
FENTANYL	498	39	7.83	134	26.91	16	3.21
FASLODEX 250 MG/5 ML SOLUTION FOR INJECTION	790	11	1.39	241	30.51	25	3.16
EVEROLIMUS	918	17	1.85	67	7.30	29	3.16
BRAFTOVI	6461	159	2.46	1111	17.20	204	3.16
CAPRELSA	1932	26	1.35	244	12.63	61	3.16
FASLODEX 250 MG SOLUTION FOR INJECTION	191	4	2.09	93	48.69	6	3.14
VOTRIENT	11075	274	2.47	1616	14.59	346	3.12
INLYTA 1 MG FILM-COATED TABLETS	129	2	1.55	57	44.19	4	3.10
CABOMETYX	5204	113	2.17	755	14.51	160	3.07
REGORAFENIB	659	8	1.21	158	23.98	20	3.03
ABEMACICLIB	792	19	2.40	46	5.81	24	3.03
AFLIBERCEPT	697	19	2.73	221	31.71	21	3.01
AVASTIN 25 MG/ML CONCENTRATE FOR SOLUTION FOR INFUSION	609	17	2.79	307	50.41	18	2.96
PAZOPANIB	850	19	2.24	124	14.59	25	2.94
PALBOCICLIB	409	11	2.69	99	24.21	12	2.93
TAXOTERE	2574	35	1.36	937	36.40	75	2.91
GRANISETRON	103	3	2.91	28	27.18	3	2.91
ABRAXANE	2640	30	1.14	330	12.50	75	2.84

XTANDI 40 MG SOFT CAPSULES	529	7	1.32	149	28.17	15	2.84
HERCEPTIN	11950	187	1.56	2962	24.79	337	2.82
TRODELVY	4336	118	2.72	756	17.44	122	2.81
PROVENGE	321	4	1.25	114	35.51	9	2.80
TOPOTECAN HYDROCHLORIDE	696	13	1.87	245	35.20	19	2.73
COTELLIC	220	3	1.36	24	10.91	6	2.73
LENVIMA	6503	146	2.25	1704	26.20	177	2.72
RIBOCICLIB	4429	58	1.31	738	16.66	120	2.71
ABIRATERONE ACETATE	406	2	0.49	64	15.76	11	2.71
INTRONA	117	2	1.71	#N/A	#N/A	3	2.56
AVASTIN	17860	365	2.04	5016	28.09	453	2.54
SUTENT 37.5 MG HARD CAPSULES	162	2	1.23	36	22.22	4	2.47
DOCETAXEL WINTHROP	122	2	1.64	16	13.11	3	2.46
CABOMETYX 40 MG FILM-COATED TABLETS	245	10	4.08	89	36.33	6	2.45
BAVENCIO	413	11	2.66	137	33.17	10	2.42
JEVTANA	7613	87	1.14	2106	27.66	183	2.40
KADCYLA	583	9	1.54	40	6.86	14	2.40
HERZUMA	209	5	2.39	92	44.02	5	2.39
VANDETANIB	462	8	1.73	109	23.59	11	2.38
NUBEQA 300 MG	1009	9	0.89	185	18.33	24	2.38
XALKORI	4177	128	3.06	691	16.54	98	2.35
DOCETAXEL	18322	342	1.87	4766	26.01	423	2.31
PACLITAXEL	4741	96	2.02	1064	22.44	108	2.28
XELODA	5760	180	3.13	1522	26.42	131	2.27
CAPECITABINE	9376	196	2.09	2061	21.98	213	2.27
DABRAFENIB	928	22	2.37	34	3.66	21	2.26
CETUXIMAB	1622	31	1.91	392	24.17	36	2.22
TARCEVA	182	3	1.65	30	16.48	4	2.20
AXITINIB	1230	18	1.46	304	24.72	27	2.20
YONDELIS	274	13	4.74	98	35.77	6	2.19
IRINOTECAN HYDROCHLORIDE TRIHYDRATE	138	11	7.97	30	21.74	3	2.17
IRINOTECAN	3494	115	3.29	887	25.39	75	2.15
ZALTRAP	330	6	1.82	128	38.79	7	2.12
VOTRIENT 400 MG FILM-COATED TABLETS	289	2	0.69	129	44.64	6	2.08
LYNPARZA	11865	589	4.96	2258	19.03	245	2.06
LENVATINIB	194	2	1.03	29	14.95	4	2.06
SUNITINIB	341	11	3.23	114	33.43	7	2.05
LUMYKRAS	244	3	1.23	26	10.66	5	2.05
BEVACIZUMAB	13154	248	1.89	2789	21.20	262	1.99
PERTUZUMAB	1323	17	1.28	351	26.53	25	1.89
ALPELISIB	1643	32	1.95	220	13.39	30	1.83
OLAPARIB	2581	111	4.30	414	16.04	47	1.82

CABOZANTINIB	110	1	0.91	19	17.27	2	1.82
HYCAMTIN	2659	93	3.50	1034	38.89	47	1.77
CABOMETYX 20 MG FILM-COATED TABLETS	115	5	4.35	34	29.57	2	1.74
VECTIBIX	3847	55	1.43	832	21.63	66	1.72
KEYTRUDA 25 MG/ML CONCENTRATE FOR SOLUTION FOR INFUSION	470	11	2.34	193	41.06	8	1.70
ERLEADA 60 MG FILM-COATED TABLETS	294	1	0.34	91	30.95	5	1.70
PEMBROLIZUMAB	6866	76	1.11	1230	17.91	116	1.69
PIQRAY	1318	20	1.52	248	18.82	22	1.67
TRASTUZUMAB	662	17	2.57	177	26.74	11	1.66
ALIMTA	8770	179	2.04	1898	21.64	143	1.63
TEGAFUR, GIMERACIL, OTERACIL	311	14	4.50	31	9.97	5	1.61
KEYTRUDA	53218	428	0.80	11586	21.77	855	1.61
HALAVEN	6624	94	1.42	2199	33.20	105	1.59
METHOTREXATE	1075	22	2.05	330	30.70	17	1.58
ERLEADA	5382	50	0.93	1275	23.69	85	1.58
GIOTRIF	191	4	2.09	36	18.85	3	1.57
RADIATION THERAPY	319	17	5.33	38	11.91	5	1.57
ZYTIGA	584	5	0.86	170	29.11	9	1.54
SUTENT 50 MG HARD CAPSULES	534	4	0.75	206	38.58	8	1.50
GEFITINIB	1070	3	0.28	85	7.94	16	1.50
IPILIMUMAB	1817	15	0.83	246	13.54	27	1.49
TAGRISSO	9609	79	0.82	1725	17.95	142	1.48
MEKINIST	3205	51	1.59	486	15.16	47	1.47
LYSODREN	137	5	3.65	30	21.90	2	1.46
IMFINZI	556	4	0.72	86	15.47	8	1.44
SUTENT 12.5 MG	579	4	0.69	170	29.36	8	1.38
NOT AVAILABLE	221	4	1.81	74	33.48	3	1.36
PEMETREXED	1832	28	1.53	436	23.80	24	1.31
AFINITOR TABLETS	4898	18	0.37	964	19.68	64	1.31
ERBITUX	2702	50	1.85	628	23.24	35	1.30
IRESSA	6798	40	0.59	1013	14.90	84	1.24
IBRANCE 125 MG HARD CAPSULES	1336	46	3.44	390	29.19	16	1.20
PACLITAXEL ALBUMIN-BOUND	607	22	3.62	138	22.73	7	1.15
KISQALI 200 MG FILM-COATED TABLETS	266	7	2.63	93	34.96	3	1.13
NERATINIB	178	8	4.49	56	31.46	2	1.12
OPDIVO 10 MG/ML CONCENTRATE FOR SOLUTION FOR INFUSION	178	2	1.12	78	43.82	2	1.12

NIVOLUMAB	726	11	1.52	123	16.94	8	1.10
DOXORUBICIN HYDROCHLORIDE	1460	42	2.88	336	23.01	16	1.10
CYRAMZA	486	8	1.65	129	26.54	5	1.03
KANJINTI	104	5	4.81	40	38.46	1	0.96
SOTORASIB	522	16	3.07	96	18.39	5	0.96
DOXORUBICIN HYDROCHLORIDE, LIPOSOMAL	676	33	4.88	134	19.82	6	0.89
OSIMERTINIB	1017	12	1.18	141	13.86	9	0.88
TRODELVY 200 MG POWDER FOR CONCENTRATE FOR SOLUTION FOR INFUSION	230	14	6.09	100	43.48	2	0.87
TRABECTEDIN	116	10	8.62	21	18.10	1	0.86
IBRANCE 125 MG	1095	5	0.46	392	35.80	9	0.82
TEGAFUR, GIMERACIL, OTERACIL POTASSIUM	1046	33	3.15	176	16.83	8	0.76
PANITUMUMAB	1472	20	1.36	305	20.72	11	0.75
XALKORI 250 MG	143	5	3.50	64	44.76	1	0.70
RITUXIMAB	143	4	2.80	49	34.27	1	0.70
OPDIVO	12253	94	0.77	1947	15.89	77	0.63
CRIZOTINIB	322	3	0.93	99	30.75	2	0.62
TISLELIZUMAB	180	2	1.11	18	10.00	1	0.56
ERLOTINIB	381	6	1.57	42	11.02	2	0.52
ERBITUX 5 MG/ML	1151	17	1.48	371	32.23	6	0.52
IRINOTECAN HCL	211	11	5.21	60	28.44	1	0.47
KEYTRUDA 50 MG POWDER FOR CONCENTRATE FOR SOLUTION FOR INFUSION	212	1	0.47	74	34.91	1	0.47

OUTSIDE EUDRA

Some potentially powerful anti-cancer drugs are not found in Eudra-vigilance - possibly because they are natural products, and/or are cheap and easily available. Drug companies have no financial interest in putting such drugs through testing, and even less interest in recommending something that is cheap and unpatentable, regardless of its effectiveness.

Consider the concept of natural immunity - which is cheap (free), unpatentable and highly effective. During COVID natural immunity was totally ignored, and instead pharma pushed synthetic alternatives that caused far more harm and cost us billions.

Fenbendazole and Artemisinin are potential anti-cancer drugs outside of Eudra-vigilance ([Link](#))

There are farms in USA where artemisinin is grown in large quantities. There are also farms in Africa that can ship to the UK at minimal cost. For more details please contact craig@howbad.info.

FENBENDAZOLE

<https://vigilantnews.com/post/the-overlooked-miracle-drug-for-cancer-why-big-pharma-fears-fenbendazole/>

<https://www.cancertreatmentsresearch.com/fenbendazole/>

It's probably worth pointing out there is another version of this currently in clinical trials for cancer called Mebendazole - it's pretty much the same drug, just ten times more expensive as you'd expect - this is an amazing thread from 2012 by a guy who cured himself using it:

<https://www.abovetopsecret.com/forum/thread822776/pg1>

..and this is Joe Tippins website - one of the first to have become well known for having cured himself with Fenbendazole:

<https://mycancerstory.rocks/the-blog/>

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2687140/>

https://fenbendazole.substack.com/p/fenbendazole-can-cure-cancer?r=ohl6&utm_medium=ios&utm_campaign=post

Fenbendazole is available at <https://www.fenbendazole.org>

IVERMECTIN

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7505114/>

<https://www.sciencedirect.com/science/article/pii/S1043661820315152>

<https://doi.org/10.3389/fphar.2021.717529>

<https://www.frontiersin.org/articles/10.3389/fphar.2021.717529/full>

<https://rebrand.ly/n4y0tst>

HYDROXYCHLOROQUINE

Allows a virus to attack cancer cells but not normal cells

PLANTS

ARTEMESININ

This plant is reported to have anti-cancer effects. ([Link](#))

DANDELION

Dandelion Root Is Able To Kill 98% Of Cancer Cells. Dandelions, also known as *Taraxacum officinale*, are a type of flowering plant native to Europe, Asia and North America. The origins of dandelion as a natural remedy can be traced all the way back to 659 B.C. in ancient China. It was also used in Arabic, Welsh and European medicine and was eaten raw or made into a juice or tonic. Traditional uses of the dandelion ranged from promoting better digestion to healing the liver. Some Native American tribes chewed on dandelion root to relieve pain while others steamed the leaves and applied topically to ease sore throats. Nevertheless, the benefits of dandelion extend way beyond the root. In fact, dandelion leaves, seeds and flowers can all be used in a variety of recipes and each boast a unique set of nutrients and health-promoting properties

<https://amg-news.com/kill-cancer-cells-dandelion-root-is-able-to-kill-98-of-cancer-cells/>

MUUNGU (The God Tree)

In East Africa, near to the Rift Valley where life began, native peoples speak of a God Tree - Muungu (Mungu means God and the extra u denotes tree). They say that it is called this name because it can heal many diseases. This tree has a scientific name *Erythrina abyssinica*. Research shows that it seems to cure cancer and HIV. The curative ingredients are found in its bark.

<https://pubmed.ncbi.nlm.nih.gov/21936641/>

DIET

VITAMIN D

Here is a graph showing the pattern of malignant cancer over the period 2018-2023. Notice that the onset of neoplasms shows a sawtooth-shaped variation every year !



Such a saw-tooth pattern is normal for the flu - everyone knows that flu increases in autumn and winter. But this graph suggests that cancer is also in part a seasonal disease. It will be distorted by the work schedule, holidays will delay tests and therefore diagnoses, but it does not seem enough to justify those differences. It seems to indicate that one or several seasonal factors favour the appearance of tumour cells, or impair their elimination by the immune system. But unlike quick and brief illnesses such as the flu, here there may be an indeterminate delay between the critical moment where the problem starts and the diagnosis, that complicates the interpretation a little. Low vitamin D is an important possibility.

The saw tooth pattern indicates that the width of the channel is the magnitude of the seasonality and hence the magnitude of the effect of vitamin d on cancer. This would amount to a seasonal variation of 500 cases out of 11250 - or 4.5% This shows that vitamin D deficiency is likely responsible for 4.5 % of cancer cases and demonstrates the relationship between cancer and immune strength.

Boosting the immune system with vitamin D will therefore diminish cancer.

REDUCING SUGAR INTAKE

Cancer is a metabolic disease. Thomas Seyfried is a researcher who has been studying all sorts of cancers for many decades and he came to the conclusion that every (!) cancer feeds on glucose and/or glutamine. Reducing glucose is easily done by reducing the carbohydrate intake significantly (best eliminating all carbs whatsoever). This will shrink the cancer growth and when done properly, the cancer cells will shrivel and eventually die.

Vitamin D, Omega 3, Exercise, Low Carb Diet, Metformin, Curcumin, Berberine
Reduce Your Cancer Risk by 60%: 10 Things You Can Do -

https://petermcculloughmd.substack.com/p/simple-ways-to-reduce-cancer-risk?utm_source=substack&utm_medium=email#media-d56f3825-b6f7-488f-b9e5f6d0db11df97