Appendix 1: Medline Search Strategy

Searches conducted on 9th October 2020 by Nikki May (SALUS)

| Database           | Results |
|--------------------|---------|
| Ovid Embase        | 8304    |
| Ovid Medline       | 1753    |
| Cochrane (Ovid)    | 1136    |
| EBSCO CINAHL       | 901     |
| Ovid EconLit       | 14      |
| Scopus             | 73      |
| Web of Science     | 2846    |
| EmCare             | 2097    |
| NHS EED            | 254     |

Results: 17378
Duplicate records: 7750
Results to screen: 9628

Database(s): **Embase** 1974 to 2020 October 07
Search Strategy:

| # | Searches                                                                 | Results |
|---|--------------------------------------------------------------------------|---------|
| 1 | economic evaluation/                                                    | 15949   |
| 2 | (economic* adj3 (evaluat* or analys* or aspect*)).ti,ab,kw.             | 38024   |
| 3 | "cost effectiveness analysis"/                                          | 153334  |
| 4 | "cost benefit analysis"/                                                | 85243   |
| 5 | (cost*1 adj3 (effective* or benefit* or analys*)).ti,ab,kw.             | 245202  |
| 6 | "health care cost"/                                                    | 191763  |
| 7 | "sensitivity analysis"/                                                | 124004  |
| 8 | sensitivit* analys*.ti,ab,kw.                                          | 54560   |
| 9 | pharmacoeconomic*.ti,ab,kw.                                            | 9057    |
| 10| quality adjusted life year/                                             | 27290   |
| 11| Life Qualit*.ti,ab,kw.                                                 | 14150   |
| 12| Quality Adjusted.ti,ab,kw.                                             | 21455   |
|   |   |   |
|---|---|---|
| 13 | disability adjusted.ti,ab,kw. | 4464 |
| 14 | Adjusted Life.ti,ab,kw. | 24947 |
| 15 | "health related quality of life".ti,ab,kw. | 66815 |
| 16 | hrqol.ti,ab,kw. | 27894 |
| 17 | qaly*1.ti,ab,kw. | 20656 |
| 18 | qale*1.ti,ab,kw. | 286 |
| 19 | daly*1.ti,ab,kw. | 4166 |
| 20 | or/1-19 [COST concept] | 721974 |
| 21 | cancer patient/ | 429438 |
| 22 | advanced cancer/ | 112803 |
| 23 | exp neoplasm/ | 4517302 |
| 24 | cancer*.ti,ab,kw. | 2597381 |
| 25 | neoplas*.ti,ab,kw. | 437429 |
| 26 | tumo*.ti,ab,kw. | 2313682 |
| 27 | carcinoma*.ti,ab,kw. | 891233 |
| 28 | adenocarcinoma*.ti,ab,kw. | 224282 |
| 29 | hodgkin*.ti,ab,kw. | 93247 |
| 30 | nonhodgkin*.ti,ab,kw. | 446 |
| 31 | leukemia*1.ti,ab,kw. | 298402 |
| 32 | leukaemia*1.ti,ab,kw. | 47423 |
| 33 | metast*.ti,ab,kw. | 750352 |
| 34 | malignan*.ti,ab,kw. | 813620 |
| 35 | lymphoma*.ti,ab,kw. | 258951 |
| 36 | sarcoma*.ti,ab,kw. | 117457 |
| 37 | melanoma*.ti,ab,kw. | 164626 |
| 38 | myeloma*.ti,ab,kw. | 83576 |
| 39 | oncolog*.ti,ab,kw. | 295461 |
| 40 | or/21-39 [CANCER concept] | 5719017 |
| 41 | (oral* adj2 anti?cancer).ti,ab,kw. | 958 |
| 42 | *Protein Kinase Inhibitor/ | 3696 |
| 43 | *Janus Kinase Inhibitor/ | 771 |
| 44 | kinase inhibitor*.ti,ab,kw. | 94221 |
| 45 | *Protein Tyrosine Kinase/ | 21639 |
| 46 | protein tyrosine kinase*.ti,ab,kw. | 10905 |
|   | Chemical Name     | Value  |
|---|------------------|--------|
|47 | abemaciclib/     | 1040   |
|48 | Abemaciclib,ti,ab,kw. | 621    |
|49 | Acalabrutinib/   | 564    |
|50 | Acalabrutinib,ti,ab,kw. | 341    |
|51 | afatinib/        | 5376   |
|52 | afatinib,ti,ab,kw. | 2934   |
|53 | Alectinib/       | 1721   |
|54 | Alectinib,ti,ab,kw. | 1017   |
|55 | Alpelisib/       | 817    |
|56 | Alpelisib,ti,ab,kw. | 232    |
|57 | Avapritinib/     | 81     |
|58 | Avapritinib,ti,ab,kw. | 56     |
|59 | axitinib/        | 4937   |
|60 | axitinib,ti,ab,kw. | 1958   |
|61 | binimetinib/     | 872    |
|62 | binimetinib,ti,ab,kw. | 322    |
|63 | bosutinib/       | 2501   |
|64 | bosutinib,ti,ab,kw. | 1105   |
|65 | Brigatinib/      | 735    |
|66 | Brigatinib,ti,ab,kw. | 348    |
|67 | Cabozantinib/    | 3723   |
|68 | Cabozantinib,ti,ab,kw. | 1776   |
|69 | Ceritinib/       | 1774   |
|70 | Ceritinib,ti,ab,kw. | 898    |
|71 | Cobimetinib/     | 1301   |
|72 | Cobimetinib,ti,ab,kw. | 538    |
|73 | crizotinib/      | 7963   |
|74 | crizotinib,ti,ab,kw. | 4832   |
|75 | Dabrafenib/      | 4361   |
|76 | Dabrafenib,ti,ab,kw. | 2115   |
|77 | Dacomitinib/     | 1087   |
|78 | Dacomitinib,ti,ab,kw. | 441    |
|79 | dasatinib/       | 13638  |
|80 | dasatinib,ti,ab,kw. | 7367   |
|   | Drug Name                  | BMJ Open Code |
|---|---------------------------|---------------|
| 81 | Duvelisib/                | 465           |
| 82 | Duvelisib.ti,ab,kw.      | 219           |
| 83 | Encorafenib/              | 549           |
| 84 | Encorafenib.ti,ab,kw.    | 232           |
| 85 | Entrectinib/              | 472           |
| 86 | Entrectinib.ti,ab,kw.    | 277           |
| 87 | Erdafitinib/              | 257           |
| 88 | Erdafitinib.ti,ab,kw.    | 130           |
| 89 | erlotinib hydrochloride/  | 27276         |
| 90 | erlotinib.ti,ab,kw.      | 12288         |
| 91 | everolimus/               | 27108         |
| 92 | everolimus.ti,ab,kw.     | 15396         |
| 93 | Fedratinib/               | 415           |
| 94 | Fedratinib.ti,ab,kw.     | 118           |
| 95 | Gilteritinib/             | 833           |
| 96 | Gilteritinib.ti,ab,kw.   | 283           |
| 97 | gefitinib/                | 24670         |
| 98 | gefitinib.ti,ab,kw.      | 10820         |
| 99 | GLIdealalisib/            | 396           |
| 100| GLIdealalisib.ti,ab,kw.  | 218           |
| 101| Glasdegib/                | 263           |
| 102| Glasdegib.ti,ab,kw.      | 111           |
| 103| Ibrutinib/                | 6706          |
| 104| Ibrutinib.ti,ab,kw.      | 5033          |
| 105| Idelalisib/               | 2508          |
| 106| Idelalisib.ti,ab,kw.     | 1458          |
| 107| Imatinib/                 | 42208         |
| 108| Imatinib.ti,ab,kw.       | 23906         |
| 109| Ixazomib/                 | 1347          |
| 110| Ixazomib.ti,ab,kw.       | 847           |
| 111| lapatinib plus pazopanib/ | 9             |
| 112| lapatinib/                | 12039         |
| 113| lapatinib.ti,ab,kw.      | 5083          |
| 114| Larotrectinib/            | 370           |
|   | Drug                      | Count |
|---|--------------------------|-------|
| 115 | Larotrectinib.ti,ab,kw.  | 236   |
| 116 | Lenvatinib/               | 2431  |
| 117 | Lenvatinib.ti,ab,kw.     | 1450  |
| 118 | Lorlatinib/               | 613   |
| 119 | Lorlatinib.ti,ab,kw.     | 314   |
| 120 | Midostaurin/              | 2392  |
| 121 | Midostaurin.ti,ab,kw.    | 745   |
| 122 | Neratinib/                | 1647  |
| 123 | Neratinib.ti,ab,kw.      | 778   |
| 124 | nilotinib/                | 8847  |
| 125 | nilotinib.ti,ab,kw.      | 5161  |
| 126 | Nintedanib/               | 3136  |
| 127 | Nintedanib.ti,ab,kw.     | 1937  |
| 128 | Osimertinib/              | 3365  |
| 129 | Osimertinib.ti,ab,kw.    | 2207  |
| 130 | Palbociclib/              | 2044  |
| 131 | Palbociclib.ti,ab,kw.    | 3371  |
| 132 | Panobinostat/             | 3836  |
| 133 | Panobinostat.ti,ab,kw.   | 4394  |
| 134 | pazopanib/                | 1603  |
| 135 | pazopanib.ti,ab,kw.      | 5978  |
| 136 | Pexidartinib/             | 245   |
| 137 | Pexidartinib.ti,ab,kw.   | 74    |
| 138 | ponatinib/                | 2767  |
| 139 | ponatinib.ti,ab,kw.      | 1571  |
| 140 | regorafenib/              | 3933  |
| 141 | regorafenib.ti,ab,kw.    | 2474  |
| 142 | dinociclib/               | 1260  |
| 143 | letrozole plus ribociclib/| 40    |
| 144 | Ribociclib.ti,ab,kw.     | 776   |
| 145 | ruxolitinib/              | 4885  |
| 146 | ruxolitinib.ti,ab,kw.    | 3164  |
| 147 | rapamycin/                | 53706 |
| 148 | rapamycin.ti,ab,kw.      | 39475 |
| Term                | Score |
|---------------------|-------|
| Sirolimus.ti,ab,kw. | 14795 |
| sorafenib/          | 29490 |
| sorafenib.ti,ab,kw. | 16303 |
| sunitinib/          | 22861 |
| sunitinib.ti,ab,kw. | 11249 |
| Temsirolimus/       | 8073  |
| Temsirolimus.ti,ab,kw. | 2683  |
| Tivozanib/          | 578   |
| Tivozanib.ti,ab,kw. | 236   |
| Trametinib/         | 5221  |
| Trametinib.ti,ab,kw.| 2533  |
| Vandetanib/         | 4570  |
| Vandetanib.ti,ab,kw.| 1296  |
| vemurafenib/        | 7548  |
| vemurafenib.ti,ab,kw.| 4035  |
| vismodegib/         | 2045  |
| vismodegib.ti,ab,kw.| 1078  |
| Vorinostat/         | 9802  |
| Vorinostat.ti,ab,kw.| 2861  |
| *Hormone Antagonist/| 589   |
| hormone antagonist*.ti,ab,kw. | 1642 |
| antihormon* drug*.ti,ab,kw. | 31   |
| anti hormon* drug*.ti,ab,kw. | 36   |
| Abiraterone/        | 4551  |
| Abiraterone.ti,ab,kw.| 4958  |
| Anastrozole/        | 9724  |
| Anastrozole.ti,ab,kw.| 3176  |
| Apalutamide/        | 599   |
| Apalutamide.ti,ab,kw.| 350   |
| Bicalutamide/       | 6387  |
| Bicalutamide.ti,ab,kw.| 2298  |
| Darolutamide/       | 229   |
| Darolutamide.ti,ab,kw.| 139   |
| Enzalutamide/       | 6116  |
|   |   |   |
|---|---|---|
| 183 | Enzalutamide.ti,ab,kw. | 4311 |
| 184 | Enasidenib/ | 414 |
| 185 | Enasidenib.ti,ab,kw. | 175 |
| 186 | Exemestane/ | 6272 |
| 187 | Exemestane.ti,ab,kw. | 2558 |
| 188 | Ivosidenib/ | 353 |
| 189 | Ivosidenib.ti,ab,kw. | 174 |
| 190 | Letrozole/ | 12257 |
| 191 | Letrozole.ti,ab,kw. | 5627 |
| 192 | nicotinamide adenine dinucleotide adenosine diphosphate ribosyltransferase inhibitor/ | 6417 |
| 193 | Polymerase Inhibitor*.ti,ab,kw. | 3693 |
| 194 | PARP*2.ti,ab,kw. | 30122 |
| 195 | isocitrate dehydrogenase inhibitor/ | 213 |
| 196 | Niraparib/ | 1096 |
| 197 | Niraparib.ti,ab,kw. | 531 |
| 198 | Olaparib/ | 5181 |
| 199 | Olaparib.ti,ab,kw. | 2998 |
| 200 | Rucaparib/ | 1238 |
| 201 | Rucaparib.ti,ab,kw. | 586 |
| 202 | Talazoparib/ | 856 |
| 203 | Talazoparib.ti,ab,kw. | 424 |
| 204 | Tamoxifen/ | 63014 |
| 205 | Tamoxifen.ti,ab,kw. | 34636 |
| 206 | Venetoclax/ | 3582 |
| 207 | Venetoclax.ti,ab,kw. | 2199 |
| 208 | or/41-207 | 462417 |
| 209 | and/20,40,208 | 8604 |
| 210 | 209 not (exp animal/ not human/) | 8501 |
| 211 | (rat*1 or mice or mouse or dog*1 or chick*1 or canine*1 or ferret* or possum* or animal*)ti. | 1910069 |
| 212 | 210 not 211 | 8474 |
| 213 | limit 212 to yr="2000 -Current" | 8304 |
### Database(s): Ovid Emcare 1995 to 2020 Week 40

**Search Strategy:**

| #  | Searches                                                                 | Results |
|----|--------------------------------------------------------------------------|---------|
| 1  | economic evaluation/                                                    | 8641    |
| 2  | (economic* adj3 (evaluat* or analys* or aspect*)).ti,ab,kw.            | 13450   |
| 3  | "cost effectiveness analysis"/                                         | 61171   |
| 4  | "cost benefit analysis"/                                               | 27118   |
| 5  | (cost*1 adj3 (effective* or benefit* or analys*)).ti,ab,kw.            | 69829   |
| 6  | "health care cost"/                                                    | 87707   |
| 7  | "sensitivity analysis"/                                                | 33686   |
| 8  | sensitivit* analys*.ti,ab,kw.                                          | 14958   |
| 9  | pharmacoeconomic*.ti,ab,kw.                                            | 3526    |
| 10 | quality adjusted life year/                                             | 10505   |
| 11 | Life Qualit*.ti,ab,kw.                                                | 2801    |
| 12 | Quality Adjusted.ti,ab,kw.                                             | 7759    |
| 13 | disability adjusted.ti,ab,kw.                                          | 1709    |
| 14 | Adjusted Life.ti,ab,kw.                                                | 9164    |
| 15 | "health related quality of life".ti,ab,kw.                            | 25202   |
| 16 | hrqol.ti,ab,kw.                                                        | 9228    |
| 17 | qaly*1.ti,ab,kw.                                                       | 6194    |
| 18 | qale*1.ti,ab,kw.                                                       | 82      |
| 19 | daly*1.ti,ab,kw.                                                       | 1416    |
| 20 | or/1-19 [COST concept]                                                 | 242419  |
| 21 | cancer patient/                                                        | 78736   |
| 22 | advanced cancer/                                                       | 24485   |
| 23 | exp neoplasm/                                                          | 691747  |
| 24 | cancer*.ti,ab,kw.                                                      | 429744  |
| 25 | neoplas*.ti,ab,kw.                                                     | 53210   |
| 26 | tumo*.ti,ab,kw.                                                        | 282982  |
| 27 | carcinoma*.ti,ab,kw.                                                   | 106369  |
| 28 | adenocarcinoma*.ti,ab,kw.                                             | 23838   |
| 29 | hodgkin*.ti,ab,kw.                                                     | 10334   |
| 30 | nonhodgkin*.ti,ab,kw.                                                  | 39      |
| 31 | leukemia*1.ti,ab,kw.                                                   | 21535   |
|   | Search Term                                                                 | Count |
|---|-----------------------------------------------------------------------------|-------|
|32 | leukaemia*ti,ab,kw.                                                        | 3952  |
|33 | metastas*.ti,ab,kw.                                                         | 100383|
|34 | malignan*.ti,ab,kw.                                                         | 109549|
|35 | lymphoma*.ti,ab,kw.                                                         | 27610 |
|36 | sarcoma*.ti,ab,kw.                                                          | 14806 |
|37 | melanoma*.ti,ab,kw.                                                         | 16921 |
|38 | myeloma*.ti,ab,kw.                                                          | 7858  |
|39 | oncolog*.ti,ab,kw.                                                          | 69666 |
|40 | or/21-39 [CANCER concept]                                                   | 858277|
|41 | (oral* adj2 anti?cancer).ti,ab,kw.                                         | 195   |
|42 | *Protein Kinase Inhibitor/                                                  | 120   |
|43 | *Janus Kinase Inhibitor/                                                    | 99    |
|44 | kinase inhibitor*.ti,ab,kw.                                                 | 9063  |
|45 | *Protein Tyrosine Kinase/                                                   | 1115  |
|46 | protein tyrosine kinase*.ti,ab,kw.                                         | 506   |
|47 | abemaciclib/                                                                | 200   |
|48 | Abemaciclib.ti,ab,kw.                                                       | 88    |
|49 | Acalabrutinib/                                                              | 73    |
|50 | Acalabrutinib.ti,ab,kw.                                                     | 32    |
|51 | afatinib/                                                                   | 1174  |
|52 | afatinib.ti,ab,kw.                                                          | 432   |
|53 | Alectinib/                                                                  | 370   |
|54 | Alectinib.ti,ab,kw.                                                         | 148   |
|55 | Alpelisib/                                                                  | 147   |
|56 | Alpelisib.ti,ab,kw.                                                         | 38    |
|57 | Avapritinib/                                                                | 12    |
|58 | Avapritinib.ti,ab,kw.                                                       | 6     |
|59 | axitinib/                                                                   | 968   |
|60 | axitinib.ti,ab,kw.                                                          | 232   |
|61 | binimetinib/                                                                | 179   |
|62 | binimetinib.ti,ab,kw.                                                       | 39    |
|63 | bosutinib/                                                                  | 365   |
|64 | bosutinib.ti,ab,kw.                                                         | 90    |
|65 | Brigatinib/                                                                 | 175   |
|   | 66    | Brigatinib.ti,ab,kw. | 52  |
|---|-------|----------------------|-----|
| 67 | Cabozantinib/ |                        | 742 |
| 68 | Cabozantinib.ti,ab,kw. |                    | 218 |
| 69 | Ceritinib/ |                        | 430 |
| 70 | Ceritinib.ti,ab,kw. |                        | 135 |
| 71 | Cobimetinib/ |                        | 252 |
| 72 | Cobimetinib.ti,ab,kw. |                   | 62  |
| 73 | crizotinib/ |                        | 1558|
| 74 | crizotinib.ti,ab,kw. |                     | 656 |
| 75 | Dabrafenib/ |                        | 939 |
| 76 | Dabrafenib.ti,ab,kw. |                    | 283 |
| 77 | Dacomitinib/ |                        | 244 |
| 78 | Dacomitinib.ti,ab,kw. |                    | 55  |
| 79 | dasatinib/ |                        | 1961|
| 80 | dasatinib.ti,ab,kw. |                     | 663 |
| 81 | Duvelisib/ |                        | 73  |
| 82 | Duvelisib.ti,ab,kw. |                     | 16  |
| 83 | Encorafenib/ |                        | 112 |
| 84 | Encorafenib.ti,ab,kw. |                   | 32  |
| 85 | Entrectinib/ |                        | 71  |
| 86 | Entrectinib.ti,ab,kw. |                   | 28  |
| 87 | Erdafitinib/ |                        | 49  |
| 88 | Erdafitinib.ti,ab,kw. |                    | 15  |
| 89 | erlotinib hydrochloride/ |                  | 5544|
| 90 | erlotinib.ti,ab,kw. |                        | 1681|
| 91 | everolimus/ |                        | 4804|
| 92 | everolimus.ti,ab,kw. |                    | 1995|
| 93 | Fedratinib/ |                        | 65  |
| 94 | Fedratinib.ti,ab,kw. |                     | 16  |
| 95 | Fostamatinib/ |                        | 118 |
| 96 | Fostamatinib.ti,ab,kw. |                   | 28  |
| 97 | gefitinib/ |                        | 4721|
| 98 | gefitinib.ti,ab,kw. |                        | 1471|
| 99 | Gilzitinib/ |                        | 56  |
| ID  | Drug                          | Count |
|-----|-------------------------------|-------|
| 100 | Gilteritinib,ti,ab,kw.        | 26    |
| 101 | Glasdegib/                    | 24    |
| 102 | Glasdegib,ti,ab,kw.           | 9     |
| 103 | Ibrutinib/                    | 911   |
| 104 | Ibrutinib,ti,ab,kw.           | 454   |
| 105 | Idelalisib/                   | 382   |
| 106 | Idelalisib,ti,ab,kw.          | 137   |
| 107 | imatinib/                     | 6218  |
| 108 | imatinib,ti,ab,kw.            | 2516  |
| 109 | Ixazomib/                     | 204   |
| 110 | Ixazomib,ti,ab,kw.            | 84    |
| 111 | lapatinib plus pazopanib/      | 5     |
| 112 | lapatinib/                    | 2351  |
| 113 | lapatinib,ti,ab,kw.           | 659   |
| 114 | Larotrectinib/                | 68    |
| 115 | Larotrectinib,ti,ab,kw.       | 20    |
| 116 | Lenvatinib/                   | 396   |
| 117 | Lenvatinib,ti,ab,kw.          | 163   |
| 118 | Lorlatinib/                   | 131   |
| 119 | Lorlatinib,ti,ab,kw.          | 47    |
| 120 | Midostaurin/                  | 277   |
| 121 | Midostaurin,ti,ab,kw.         | 84    |
| 122 | Neratinib/                    | 298   |
| 123 | Neratinib,ti,ab,kw.           | 92    |
| 124 | nilotinib/                    | 1292  |
| 125 | nilotinib,ti,ab,kw.           | 490   |
| 126 | Nintedanib/                   | 535   |
| 127 | Nintedanib,ti,ab,kw.          | 207   |
| 128 | Osimertinib/                  | 592   |
| 129 | Osimertinib,ti,ab,kw.         | 283   |
| 130 | Palbociclib/                  | 606   |
| 131 | Palbociclib,ti,ab,kw.         | 259   |
| 132 | Panobinostat/                 | 523   |
| 133 | Panobinostat,ti,ab,kw.        | 170   |
|   | Drug Name          | Count |
|---|--------------------|-------|
| 134 | pazopanib/         | 1632  |
| 135 | pazopanib.ti,ab,kw.| 478   |
| 136 | Pexidartinib/      | 31    |
| 137 | Pexidartinib.ti,ab,kw.| 12    |
| 138 | ponatinib/         | 437   |
| 139 | ponatinib.ti,ab,kw.| 142   |
| 140 | regorafenib/       | 804   |
| 141 | regorafenib.ti,ab,kw.| 344   |
| 142 | Ribociclib/        | 259   |
| 143 | letrozole plus ribociclib/ | 9     |
| 144 | Ribociclib.ti,ab,kw.| 127   |
| 145 | ruxolitinib/       | 633   |
| 146 | ruxolitinib.ti,ab,kw.| 291   |
| 147 | rapamycin/         | 7897  |
| 148 | rapamycin.ti,ab,kw.| 4562  |
| 149 | Sirolimus.ti,ab,kw.| 2091  |
| 150 | sorafenib/         | 4880  |
| 151 | sorafenib.ti,ab,kw.| 1853  |
| 152 | sunitinib/         | 4066  |
| 153 | sunitinib.ti,ab,kw.| 1368  |
| 154 | Temsirolimus/      | 1454  |
| 155 | Temsirolimus.ti,ab,kw.| 309   |
| 156 | Tivozanib/         | 106   |
| 157 | Tivozanib.ti,ab,kw.| 28    |
| 158 | Trametinib/        | 995   |
| 159 | Trametinib.ti,ab,kw.| 305   |
| 160 | Vandetanib/        | 886   |
| 161 | Vandetanib.ti,ab,kw.| 185   |
| 162 | vemurafenib/       | 1363  |
| 163 | vemurafenib.ti,ab,kw.| 533   |
| 164 | vismodegib/        | 363   |
| 165 | vismodegib.ti,ab,kw.| 159   |
| 166 | Vorinostat/        | 1255  |
| 167 | Vorinostat.ti,ab,kw.| 267   |
|   |   |   |
|---|---|---|
| 168 | "Hormone Antagonist/ | 27 |
| 169 | hormone antagonist*.ti,ab,kw. | 195 |
| 170 | anti hormon* drug*.ti,ab,kw. | 5 |
| 171 | anti hormon* drug*.ti,ab,kw. | 4 |
| 172 | Abiraterone/ | 703 |
| 173 | Abiraterone.ti,ab,kw. | 503 |
| 174 | Anastrozole/ | 2717 |
| 175 | Anastrozole.ti,ab,kw. | 555 |
| 176 | Apalutamide/ | 90 |
| 177 | Apalutamide.ti,ab,kw. | 33 |
| 178 | Bicalutamide/ | 1089 |
| 179 | Bicalutamide.ti,ab,kw. | 180 |
| 180 | Darolutamide/ | 39 |
| 181 | Darolutamide.ti,ab,kw. | 14 |
| 182 | Enzalutamide/ | 853 |
| 183 | Enzalutamide.ti,ab,kw. | 373 |
| 184 | Enasidenib/ | 59 |
| 185 | Enasidenib.ti,ab,kw. | 17 |
| 186 | Exemestane/ | 1656 |
| 187 | Exemestane.ti,ab,kw. | 431 |
| 188 | Ivosidenib/ | 62 |
| 189 | Ivosidenib.ti,ab,kw. | 27 |
| 190 | Letrozole/ | 2994 |
| 191 | Letrozole.ti,ab,kw. | 868 |
| 192 | nicotinamide adenine dinucleotide adenosine diphosphate ribosyltransferase inhibitor/ | 865 |
| 193 | Polymerase Inhibitor*.ti,ab,kw. | 377 |
| 194 | PARP*2.ti,ab,kw. | 2891 |
| 195 | isocitrate dehydrogenase inhibitor/ | 28 |
| 196 | Niraparib/ | 209 |
| 197 | Niraparib.ti,ab,kw. | 60 |
| 198 | Olaparib/ | 887 |
| 199 | Olaparib.ti,ab,kw. | 346 |
| 200 | Rucaparib/ | 215 |
| 201 | Rucaparib.ti,ab,kw. | 58 |
|   | Term                                      | Count |
|---|-------------------------------------------|-------|
|202| Talazoparib/                               | 132   |
|203| Talazoparib.ti,ab,kw.                     | 36    |
|204| Tamoxifen/                                | 12278 |
|205| Tamoxifen.ti,ab,kw.                       | 4646  |
|206| Venetoclax/                               | 423   |
|207| Venetoclax.ti,ab,kw.                      | 171   |
|208| or/41-207                                 | 64186 |
|209| and/20,40,208                             | 2177  |
|210| 209 not (exp animal/ not human/)          | 2160  |
|211| (rat*1 or mice or mouse or dog*1 or chick*1 or canine*1 or ferret* or possum* or animal*).ti. | 168814|
|212| 210 not 211                               | 2155  |
|213| limit 212 to yr="2000 -Current"           | 2097  |
Database(s): Ovid MEDLINE(R) and Epub Ahead of Print, In-Process & Other Non-Indexed Citations, Daily and Versions(R) 1946 to October 05, 2020

Search Strategy:

| # | Searches                                                                 | Results  |
|---|--------------------------------------------------------------------------|----------|
| 1 | economics/                                                               | 27239    |
| 2 | (economic* adj3 (evaluat* or analys* or aspect*)).ti,ab,kf.             | 27426    |
| 3 | "Costs and Cost Analysis"/                                              | 48895    |
| 4 | Cost-Benefit Analysis/                                                  | 81982    |
| 5 | (cost*1 adj3 (effective* or analys*)).ti,ab,kf.                        | 166811   |
| 6 | sensitivit* analys*.ti,ab,kf.                                          | 36758    |
| 7 | pharmacoeconomic*.ti,ab,kf.                                             | 4170     |
| 8 | quality-adjusted life years/                                            | 12511    |
| 9 | Life Qualit*.ti,ab,kf.                                                 | 7983     |
| 10| Quality Adjusted.ti,ab,kf.                                              | 14285    |
| 11| disability adjusted.ti,ab,kf.                                          | 3764     |
| 12| Adjusted Life.ti,ab,kf.                                                | 17426    |
| 13| "health related quality of life".ti,ab,kf.                             | 47151    |
| 14| hrgol.ti,ab,kf.                                                        | 17599    |
| 15| qaly.ti,ab,kf.                                                         | 9310     |
| 16| qalys.ti,ab,kf.                                                        | 6995     |
| 17| qale.ti,ab,kf.                                                         | 149      |
| 18| qales.ti,ab,kf.                                                        | 11       |
| 19| daly*1.ti,ab,kf.                                                       | 3200     |
| 20| or/1-19 [COST concept]                                                 | 366557   |
| 21| exp neoplasms/                                                          | 3367664  |
| 22| cancer*.ti,ab,kf.                                                      | 1894373  |
| 23| neoplas*.ti,ab,kf.                                                     | 416303   |
| 24| tumo*.ti,ab,kf.                                                        | 1786858  |
| 25| carcinoma*.ti,ab,kf.                                                   | 699057   |
| 26| adenocarcinoma*.ti,ab,kf.                                              | 156799   |
| 27| hodgkin*.ti,ab,kf.                                                     | 69986    |
| 28| nonhodgkin*.ti,ab,kf.                                                  | 143      |
| 29| leukemia*1.ti,ab,kf.                                                   | 230716   |
| 30| leukaemia*1.ti,ab,kf.                                                  | 37374    |
| 31| metasta*.ti,ab,kf.                                                     | 539731   |
|   | Term                                                                 | Count     |
|---|----------------------------------------------------------------------|-----------|
| 32| malignan*.ti,ab,kf.                                                | 605765    |
| 33| lymphoma*.ti,ab,kf.                                                | 187745    |
| 34| sarcoma*.ti,ab,kf.                                                 | 104929    |
| 35| melanoma*.ti,ab,kf.                                                | 123057    |
| 36| myeloma*.ti,ab,kf.                                                 | 56321     |
| 37| oncolog*.ti,ab,kf.                                                 | 165707    |
| 38| or/21-37 [CANCER concept]                                          | 4624425   |
| 39| (oral* adj2 anti?cancer).ti,ab,kf.                                | 631       |
| 40| "Protein Kinase Inhibitors/                                       | 25696     |
| 41| "Janus Kinase Inhibitors/                                         | 303       |
| 42| kinase inhibitor*.ti,ab,kf.                                        | 65057     |
| 43| "Protein-Tyrosine Kinases/                                        | 19403     |
| 44| protein tyrosine kinase*.ti,ab,kf.                                | 9500      |
| 45| Abemaciclib.ti,ab,nm,kf.                                          | 308       |
| 46| Acalabrutinib.ti,ab,nm,kf.                                        | 148       |
| 47| afatinib/                                                          | 690       |
| 48| afatinib.ti,ab,kf.                                                 | 1466      |
| 49| Alectinib.ti,ab,nm,kf.                                            | 604       |
| 50| Alpelisib.ti,ab,nm,kf.                                            | 164       |
| 51| Avapritinib.ti,ab,nm,kf.                                          | 33        |
| 52| axitinib/                                                          | 520       |
| 53| axitinib.ti,ab,kf.                                                 | 1001      |
| 54| binimetinib.ti,ab,nm,kf.                                          | 191       |
| 55| bosutinib.ti,ab,nm,kf.                                            | 562       |
| 56| Brigatinib.ti,ab,nm,kf.                                           | 181       |
| 57| Cabozantinib.ti,ab,nm,kf.                                         | 961       |
| 58| Ceritinib.ti,ab,nm,kf.                                            | 525       |
| 59| Cobimetinib.ti,ab,nm,kf.                                          | 301       |
| 60| crizotinib/                                                        | 1255      |
| 61| crizotinib.ti,ab,kf.                                               | 2456      |
| 62| Dabrafenib.ti,ab,nm,kf.                                           | 1256      |
| 63| Dacomitinib.ti,ab,nm,kf.                                          | 229       |
| 64| dasatinib/                                                         | 2072      |
| 65| dasatinib.ti,ab,kf.                                                | 3430      |
| No. | Compound                                      | DOI    |
|-----|-----------------------------------------------|--------|
| 66  | Duvelisib.ti,ab,nm,kf.                        | 99     |
| 67  | Encorafenib.ti,ab,nm,kf.                     | 133    |
| 68  | Entrectinib.ti,ab,nm,kf.                     | 134    |
| 69  | Erdafitinib.ti,ab,nm,kf.                     | 79     |
| 70  | erlotinib hydrochloride/                      | 3915   |
| 71  | erlotinib.ti,ab,kf.                          | 6532   |
| 72  | everolimus/                                   | 4792   |
| 73  | everolimus.ti,ab,kf.                         | 6948   |
| 74  | Fedratinib.ti,ab,nm,kf.                      | 112    |
| 75  | Fostamatinib.ti,ab,nm,kf.                    | 181    |
| 76  | gefitinib/                                   | 4469   |
| 77  | gefitinib.ti,ab,kf.                          | 6571   |
| 78  | Gilteritinib.ti,ab,nm,kf.                    | 109    |
| 79  | Glasdegib.ti,ab,nm,kf.                       | 65     |
| 80  | Ibrutinib.ti,ab,kf.                          | 2211   |
| 81  | PCI 32765.nm.                                | 1162   |
| 82  | Idelalisib.ti,ab,nm,kf.                      | 675    |
| 83  | imatinib mesylate/                            | 10273  |
| 84  | imatinib.ti,ab,kf.                           | 14273  |
| 85  | Ixazomib.ti,ab,nm,kf.                        | 379    |
| 86  | lapatinib/                                   | 1560   |
| 87  | lapatinib.ti,ab,kf.                          | 2628   |
| 88  | Larotrectinib.ti,ab,nm,kf.                   | 147    |
| 89  | Lenvatinib.ti,ab,nm,kf.                      | 801    |
| 90  | Lorlatinib.ti,ab,nm,kf.                      | 195    |
| 91  | Midostaurin.ti,ab,nm,kf.                     | 579    |
| 92  | Neratinib.ti,ab,nm,kf.                       | 391    |
| 93  | nilotinib.ti,ab,kf.                          | 2157   |
| 94  | "4-methyl-N-(3-(4-methylimidazol-1-y)-5-(trifluoromethyl)phenyl)-3-((4-pyridin-3-yl)pyrimidin-2-y)amino)benzamide".nm. | 1197   |
| 95  | Nintedanib.ti,ab,nm,kf.                      | 1005   |
| 96  | Osimertinib.ti,ab,nm,kf.                     | 1202   |
| 97  | Palbociclib.ti,ab,nm,kf.                     | 1039   |
| 98  | Panobinostat/                                | 515    |
|   | Drug Name                             | Count |
|---|---------------------------------------|-------|
| 99| Panobinostat.ti,ab,kf.                | 750   |
|100| pazopanib.ti,ab,nm,kf.                | 1958  |
|101| Pexidartinib.ti,ab,nm,kf.             | 81    |
|102| ponatinib.ti,ab,nm,kf.                | 733   |
|103| regorafenib.ti,ab,nm,kf.              | 1274  |
|104| Ribociclib.ti,ab,nm,kf.               | 388   |
|105| ruxolitinib.ti,ab,kf.                 | 1455  |
|106| INCBO18424.nm.                        | 835   |
|107| Sirolimus.ti,ab,nm,kf.                | 21217 |
|108| sorafenib/                            | 4876  |
|109| sorafenib.ti,ab,kf.                   | 8992  |
|110| sunitinib/                            | 3575  |
|111| sunitinib.ti,ab,kf.                   | 6090  |
|112| Temsirolimus.ti,ab,nm,kf.             | 1615  |
|113| Tivozanib.ti,ab,nm,kf.                | 124   |
|114| Trametinib.ti,ab,nm,kf.               | 1347  |
|115| Vandetanib.ti,ab,kf.                  | 777   |
|116| "N-(4-bromo-2-fluorophenyl)-6-methoxy-7-((1-methylpiperidin-4-yl)methoxy)quinazolin-4-amine".nm. | 519   |
|117| vemurafenib/                          | 1344  |
|118| vemurafenib.ti,ab,kf.                 | 2171  |
|119| vismodegib.ti,ab,kf.                  | 692   |
|120| HhAntag691.nm.                        | 477   |
|121| Vorinostat/                           | 1712  |
|122| Vorinostat.ti,ab,kf.                  | 1502  |
|123| "Hormone Antagonists/                | 2350  |
|124| hormone antagonist*.ti,ab,kf.         | 1919  |
|125| antihormon* drug*.ti,ab,kf.           | 20    |
|126| anti hormon* drug*.ti,ab,kf.          | 22    |
|127| Abiraterone Acetate/                 | 462   |
|128| Abiraterone.ti,ab,nm,kf.             | 2432  |
|129| Anastrozole/                          | 1412  |
|130| Anastrozole.ti,ab,kf.                | 1889  |
|131| Apalutamide.ti,ab,nm,kf.             | 189   |
|   | Term                                      | Frequency |
|---|------------------------------------------|-----------|
|132| Bicalutamide.ti,ab,nm,kf.                | 1828      |
|133| Darolutamide.ti,ab,nm,kf.                | 83        |
|134| Enzalutamide.ti,ab,kf.                   | 1952      |
|135| MDV 3100.nm.                            | 909       |
|136| Enasidenib.ti,ab,nm,kf.                  | 127       |
|137| Exemestane.ti,ab,nm,kf.                  | 1568      |
|138| Ivosidenib.ti,ab,nm,kf.                  | 97        |
|139| Letrozole/                               | 2050      |
|140| Letrozole.ti,ab,kf.                      | 3115      |
|141| "Poly(ADP-ribose) Polymerase Inhibitors"/ | 3789      |
|142| Polymerase Inhibitor*.ti,ab,kf.          | 2570      |
|143| PARP*2.ti,ab,kf.                         | 19958     |
|144| Niraparib.ti,ab,nm,kf.                   | 240       |
|145| Olaparib.ti,ab,nm,kf.                    | 1520      |
|146| Rucaparib.ti,ab,nm,kf.                   | 303       |
|147| Talazoparib.ti,ab,nm,kf.                 | 195       |
|148| Tamoxifen/                               | 19125     |
|149| Tamoxifen.ti,ab,kf.                      | 23665     |
|150| Venetoclax.ti,ab,nm,kf.                  | 1108      |
|151| or/39-150 [INHIBITORS concept]           | 229554    |
|152| and/20,38,151                            | 1843      |
|153| 152 not (exp animals/ not humans/)       | 1832      |
|154| (rat*1 or mice or mouse or dog*1 or chick*1 or canine*1 or ferret* or possum* or animal*).ti. | 1794809 |
|155| 153 not 154                              | 1824      |
|156| limit 155 to yr="2000 -Current"         | 1753      |
| #  | Query                                                                                   | Limiters/Expanders                                                                 | Last Run Via                                                                                           | Results  |
|----|-----------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|----------|
| S1 | (MH "Economics") OR (MH "Costs and Cost Analysis") OR (MH "Cost Benefit Analysis") OR (MH "Health Care Costs") | Expanders - Apply equivalent subjects Search modes - Boolean/Phrase                  | Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Plus with Full Text | 109,652  |
| S2 | TI ( economic* N2 (evaluat* OR analys* OR aspect*) ) OR AB ( economic* N2 (evaluat* OR analys* OR aspect*) ) | Expanders - Apply equivalent subjects Search modes - Boolean/Phrase                  | Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Plus with Full Text | 8,767    |
| S3 | TI ( (cost OR costs) N3 (effective* or analys*) ) OR AB ( (cost OR costs) N3 (effective* or analys*) ) | Expanders - Apply equivalent subjects Search modes - Boolean/Phrase                  | Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Plus with Full Text | 49,567   |
| S4 | TI ( "sensitivit* analys*" OR pharmacoeconomic* OR "Life Qualit*" OR "Quality Adjusted" OR "disability adjusted" OR "Adjusted Life" OR "health related quality of life" OR hrqol OR qaly OR qalys OR qale OR qales OR dalys OR dalys OR AB ( "sensitivit* analys*" OR pharmacoeconomic* OR "Life Qualit*" OR "Quality Adjusted" OR "disability adjusted" OR "Adjusted Life" OR "health related quality of life" OR hrqol OR qaly OR qalys OR qale OR qales OR dalys OR dalys ) | Expanders - Apply equivalent subjects Search modes - Boolean/Phrase                  | Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Plus with Full Text | 40,636   |
| S5 | S1 OR S2 OR S3 OR S4                                                                   | Expanders - Apply equivalent subjects Search modes - Boolean/Phrase                  | Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Plus with Full Text | 170,957  |
| S6 | (MH "Cancer Patients")                                                                 | Expanders - Apply equivalent subjects Search modes - Boolean/Phrase                  | Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Plus with Full Text | 36,620   |
| S7 | (MH "Neoplasms")                                                                       | Expanders - Apply equivalent subjects Search modes - Boolean/Phrase                  | Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Plus with Full Text | 82,250   |
| S8 | TI ( cancer* OR neoplas* OR tumo* OR carcinoma* OR adenocarcinoma* OR hodgkin* OR nonhodgkin* OR leukemia OR leukemias OR leukaemia OR leukaemias OR                                                                 | Expanders - Apply equivalent subjects Search modes - Boolean/Phrase                  | Interface - EBSCOhost Research Databases Search Screen - Advanced Search Database - CINAHL Plus with Full Text | 628,992  |
|   | Search Term                                                                 | Database                                      | Expander/Boolean/Phrase | Interface                                      | Search Screen                      | Search Text   |
|---|----------------------------------------------------------------------------|-----------------------------------------------|-------------------------|-----------------------------------------------|------------------------------------|---------------|
| S9 | metastast* OR malignan* OR lymphoma* OR sarcoma* OR melanoma* OR myeloma* OR oncolog* ) OR AB ( cancer* OR neoplas* OR tumo* OR carcinoma* OR adenocarcinoma* OR hodgkin* OR nonhodgkin* OR leukemia OR leukemias OR leukaemia OR leukaemias OR metasta* OR malignan* OR lymphoma* OR sarcoma* OR melanoma* OR myeloma* OR oncolog* ) | CINAHL Plus with Full Text                    | Apply equivalent subjects                 | EBSCOhost Research Databases       | Advanced Search | 652,651       |
|  | (MH "Protein Kinase Inhibitors") OR (MH "Protein-Tyrosine Kinases") OR (MH "Tyrosine Kinase Inhibitors") OR (MH "Janus Kinase Inhibitors") | CINAHL Plus with Full Text                    | Apply equivalent subjects                 | EBSCOhost Research Databases       | Advanced Search | 8,315         |
|  | (MH "Imatinib") OR (MH "Erlotinib") OR (MH "Sorafenib")                  | CINAHL Plus with Full Text                    | Apply equivalent subjects                 | EBSCOhost Research Databases       | Advanced Search | 1,929         |
|  | (MH "Anastrozole") OR (MH "Exemestane") OR (MH "Letrozole") OR (MH "Aromatase Inhibitors") | CINAHL Plus with Full Text                    | Apply equivalent subjects                 | EBSCOhost Research Databases       | Advanced Search | 2,172         |
|  | (MH "Sirolimus")                                                          | CINAHL Plus with Full Text                    | Apply equivalent subjects                 | EBSCOhost Research Databases       | Advanced Search | 3,398         |
|  | (MH "Afatinib")                                                           | CINAHL Plus with Full Text                    | Apply equivalent subjects                 | EBSCOhost Research Databases       | Advanced Search | 28            |
|  | (MH "dasatinib")                                                          | CINAHL Plus with Full Text                    | Apply equivalent subjects                 | EBSCOhost Research Databases       | Advanced Search | 110           |
|   | (MH "Nilotinib") | Expanders - Apply equivalent subjects | Search modes - Boolean/Phrase | Interface - EBSCOhost Research Databases | Search Screen - Advanced Search | Database - CINAHL Plus with Full Text |   |
|---|-----------------|--------------------------------------|-------------------------------|------------------------------------------|----------------------------------|--------------------------------------|---|
| S16 | (MH "Hormone Antagonists") | Expanders - Apply equivalent subjects | Search modes - Boolean/Phrase | Interface - EBSCOhost Research Databases | Search Screen - Advanced Search | Database - CINAHL Plus with Full Text | 83 |
| S17 | (MH "Abiraterone Acetate") | Expanders - Apply equivalent subjects | Search modes - Boolean/Phrase | Interface - EBSCOhost Research Databases | Search Screen - Advanced Search | Database - CINAHL Plus with Full Text | 723 |
| S18 | (MH "Bicalutamide") | Expanders - Apply equivalent subjects | Search modes - Boolean/Phrase | Interface - EBSCOhost Research Databases | Search Screen - Advanced Search | Database - CINAHL Plus with Full Text | 251 |
| S19 |                | Expanders - Apply equivalent subjects | Search modes - Boolean/Phrase | Interface - EBSCOhost Research Databases | Search Screen - Advanced Search | Database - CINAHL Plus with Full Text | 44 |
| S20 | TI (oral* N2 (anticancer OR "anti cancer") ) OR AB (oral* N2 (anticancer OR "anti cancer") ) | Expanders - Apply equivalent subjects | Search modes - Boolean/Phrase | Interface - EBSCOhost Research Databases | Search Screen - Advanced Search | Database - CINAHL Plus with Full Text | 251 |
| S21 | TI ("kinase inhibitor*" OR "protein tyrosine kinase*" OR Abemaciclib OR Acalabrutinib OR afatinib OR Alectinib OR Alpelisib OR Avapritinib OR axitinib OR binimetinib OR bosutinib OR Brigatinib OR Cabozantinib OR Ceritinib OR Cohimetinib OR crizotinib OR Dabrafenib OR Dacomitinib OR dasatinib OR Duvelisib OR Encorafinib OR Entrectinib OR Erdafitinib OR erlotinib OR everolimus OR Fedratinib OR Fostamatinib OR gefitinib OR Gilteritinib OR Glasdegib OR Ibrutinib OR Idolalisib OR imatinib OR Ixazomib OR lapatinib OR Larotrectinib OR Lenvatinib OR Lorlatinib OR Midostaurin OR Neratinib OR nilotinib OR Nintedanib OR Osimertinib OR Palbociclib OR Panobinostat OR pazopanib OR Pexidartinib OR ponatinib OR regorafenib OR Ribociclib OR ruxolitinib OR rapamycin OR Sirolimus OR sorafenib OR sunitinib OR Temsirolimus OR Tivozanib OR Trametinib OR Vandetanib OR vemurafenib OR vismodegib OR Vorinostat OR "hormone antagonist*" OR "antihormon* drug*" OR "anti hormon* drug" OR Abiraterone OR Anastrozole OR | Expanders - Apply equivalent subjects | Search modes - Boolean/Phrase | Interface - EBSCOhost Research Databases | Search Screen - Advanced Search | Database - CINAHL Plus with Full Text | 33,305 |
Axitinib OR Binimetinib OR afatinib OR Alectinib OR Alpelisib OR Avapritinib OR axitinib OR binimetinib OR bosutinib OR Brigatinib OR Cabozantinib OR Ceritinib OR Cobimetinib OR crizotinib OR Dabrafenib OR Dacomitinib OR dasatinib OR Duvelisib OR Encorafenib OR Entrectinib OR Erdafitinib OR erlotinib OR everolimus OR Fedatinib OR Fostatmab OR gefitinib OR Gilteritinib OR Glasdegib OR Ibrutinib OR Idenlisib OR imatinib OR Ixazomib OR lapatinib OR Larotrectinib OR Lenvatinib OR Lorlatinib OR Midostaurin OR Neratinib OR nilotinib OR Nintedanib OR Osimertinib OR Palbociclib OR Panobinostat OR pazopanib OR Pexidartnib OR ponatinib OR regorafenib OR Ribociclib OR ruxolitinib OR rapamycin OR Sirolimus OR sorafenib OR suntinib OR Temsidoimab OR Tivozanib OR Trametinib OR Vandetanib OR vemurafenib OR vismodegib OR Vorinostat OR "hormone antagonist*" OR "anti hormon* drug" OR "anti hormon* drug**" OR "hormone antagonist*" OR "Polymerase Inhibitor*" OR PARP OR PARPS OR PARPI OR PARPIS OR Niraparib OR Olaparib OR Rucaparib OR Talazoparib OR Tamoxifen OR Venetoclax )
### Database(s): EBM Reviews - Cochrane Central Register of Controlled Trials September 2020, EBM Reviews - Cochrane Database of Systematic Reviews 2005 to October 7, 2020

Search Strategy:

| #  | Searches                                           | Results |
|----|----------------------------------------------------|---------|
| 1  | economics/                                         | 45      |
| 2  | (economic* adj3 (evaluat* or analys* or aspect*)).ti,ab. | 6786    |
| 3  | "Costs and Cost Analysis"/                        | 1434    |
| 4  | Cost-Benefit Analysis/                             | 6991    |
| 5  | (cost*1 adj3 (effective* or analys*)).ti,ab.       | 30656   |
| 6  | sensitivit* analys*.ti,ab.                         | 6018    |
| 7  | pharmacoeconomic*.ti,ab.                           | 808     |
| 8  | quality-adjusted life years/                       | 1266    |
| 9  | Life Qualit*.ti,ab.                                | 3440    |
| 10 | Quality Adjusted.ti,ab.                            | 4555    |
| 11 | disability adjusted.ti,ab.                         | 239     |
| 12 | Adjusted Life.ti,ab.                               | 4519    |
| 13 | "health related quality of life".ti,ab.            | 17055   |
| 14 | hrqol.ti,ab.                                       | 5381    |
| 15 | qaly.ti,ab.                                        | 3085    |
| 16 | qalys.ti,ab.                                       | 2571    |
| 17 | qale.ti,ab.                                        | 21      |
| 18 | qales.ti,ab.                                       | 0       |
| 19 | daly*1.ti,ab.                                      | 195     |
| 20 | or/1-19                                            | 58309   |
|   | Query                        | Count |
|---|------------------------------|-------|
| 21| exp neoplasms/               | 79069 |
| 22| cancer*.ti,ab.               | 152643|
| 23| neoplas*.ti,ab.              | 9978  |
| 24| tumo*.ti,ab.                 | 67880 |
| 25| carcinoma*.ti,ab.            | 31782 |
| 26| adenocarcinoma*.ti,ab.       | 8286  |
| 27| hodgkin*.ti,ab.              | 5379  |
| 28| nonhodgkin*.ti,ab.           | 17    |
| 29| leukemia*1.ti,ab.            | 11622 |
| 30| leukaemia*1.ti,ab.           | 2156  |
| 31| metast*.ti,ab.               | 41417 |
| 32| malignan*.ti,ab.             | 25735 |
| 33| lymphoma*.ti,ab.             | 10193 |
| 34| sarcoma*.ti,ab.              | 2481  |
| 35| melanoma*.ti,ab.             | 5424  |
| 36| myeloma*.ti,ab.              | 5494  |
| 37| oncolog*.ti,ab.              | 24270 |
| 38| or/21-37                     | 243533|
| 39| (oral* adj2 anti?cancer).ti,ab.| 91     |
| 40| *Protein Kinase Inhibitors/  | 79    |
| 41| *Janus Kinase Inhibitors/    | 0     |
| 42| kinase inhibitor*.ti,ab.     | 3491  |
| 43| *Protein-Tyrosine Kinases/   | 25    |
| 44| protein tyrosine kinase*.ti,ab.| 23     |
| 45| Abemaciclib.ti,ab.           | 135   |
| 46| Acalabrutinib.ti,ab.         | 81    |
| 47| afatinib/                    | 59    |
| 48| afatinib.ti,ab.              | 412   |
| 49| Alectinib.ti,ab.             | 125   |
| 50| Alpelisib.ti,ab.             | 58    |
| 51| Avapritinib.ti,ab.           | 12    |
| 52| axitinib/                    | 93    |
| 53| axitinib.ti,ab.              | 297   |
| 54| binimetinib.ti,ab.           | 76    |
|   | Drug                      | Count |
|---|--------------------------|-------|
| 55| bosutinib.ti,ab.         | 131   |
| 56| Brigatinib.ti,ab.        | 76    |
| 57| Cabozantinib.ti,ab.      | 326   |
| 58| Ceritinib.ti,ab.         | 64    |
| 59| Cobimetinib.ti,ab.       | 122   |
| 60| crizotinib/              | 70    |
| 61| crizotinib.ti,ab.        | 342   |
| 62| Dabrafenib.ti,ab.        | 228   |
| 63| Dacomitinib.ti,ab.       | 80    |
| 64| dasatinib/               | 103   |
| 65| dasatinib.ti,ab.         | 474   |
| 66| Duvelisib.ti,ab.         | 47    |
| 67| Encorafenib.ti,ab.       | 52    |
| 68| Entrectinib.ti,ab.       | 10    |
| 69| Erdafitinib.ti,ab.       | 22    |
| 70| erlotinib hydrochloride/ | 545   |
| 71| erlotinib.ti,ab.         | 1656  |
| 72| everolimus/              | 1527  |
| 73| everolimus.ti,ab.        | 3724  |
| 74| Fedratinib.ti,ab.        | 15    |
| 75| Fostamatinib.ti,ab.      | 80    |
| 76| gefitinib/               | 306   |
| 77| gefitinib.ti,ab.         | 975   |
| 78| Gilteritinib.ti,ab.      | 45    |
| 79| Glasdegib.ti,ab.         | 52    |
| 80| ibrutinib.ti,ab.         | 559   |
| 81| Idelalisib.ti,ab.        | 172   |
| 82| imatinib mesylate/       | 414   |
| 83| imatinib.ti,ab.          | 1516  |
| 84| Ixazomib.ti,ab.          | 188   |
| 85| lapatinib/               | 241   |
| 86| lapatinib.ti,ab.         | 757   |
| 87| Larotrectinin.ti,ab.     | 3     |
| 88| Lenvatinib.ti,ab.        | 278   |
|   | Compound                   |   |
|---|---------------------------|---|
| 89| Lorlatinib.ti,ab.         | 22|
| 90| Midostaurin.ti,ab.        | 93|
| 91| Neratinib.ti,ab.          | 117|
| 92| Nilotinib.ti,ab.          | 424|
| 93| Nintedanib.ti,ab.         | 486|
| 94| Osimertinib.ti,ab.        | 211|
| 95| Palbociclib.ti,ab.        | 379|
| 96| Panobinostat/             | 26|
| 97| Panobinostat.ti,ab.       | 128|
| 98| Pazopanib.ti,ab.          | 553|
| 99| Pexidartinib.ti,ab.       | 14|
|100| Ponatinib.ti,ab.          | 89|
|101| Regorafenib.ti,ab.        | 516|
|102| Ribociclib.ti,ab.         | 202|
|103| Ruxolitinib.ti,ab.        | 440|
|104| Sirolimus.ti,ab.          | 2732|
|105| Sorafenib/                | 475|
|106| Sorafenib.ti,ab.          | 1877|
|107| Sunitinib/                | 311|
|108| Sunitinib.ti,ab.          | 1219|
|109| Temsirolimus.ti,ab.       | 266|
|110| Tivozanib.ti,ab.          | 61|
|111| Trametinib.ti,ab.         | 266|
|112| Vandetanib.ti,ab.         | 194|
|113| Vemurafenib/              | 43|
|114| Vemurafenib.ti,ab.        | 218|
|115| Vismodegib.ti,ab.         | 86|
|116| Vorinostat/               | 64|
|117| Vorinostat.ti,ab.         | 240|
|118| *Hormone Antagonists/     | 43|
|119| Hormone antagonist*.ti,ab.| 282|
|120| Antihormon* drug*.ti,ab.  | 4|
|121| Anti hormone* drug*.ti,ab.| 3|
|122| Abiraterone Acetate/      | 155|
|   | Search                                                                 | Results |
|---|------------------------------------------------------------------------|---------|
| 123| Abiraterone.ti,ab.                                                     | 780     |
| 124| Anastrozole/                                                           | 441     |
| 125| Anastrozole.ti,ab.                                                    | 1139    |
| 126| Apalutamide.ti,ab.                                                    | 117     |
| 127| Bicalutamide.ti,ab.                                                   | 461     |
| 128| Darolutamide.ti,ab.                                                   | 45      |
| 129| Enzalutamide.ti,ab.                                                   | 668     |
| 130| Enasidenib.ti,ab                                                       | 11      |
| 131| Exemestane.ti,ab                                                      | 907     |
| 132| Ivosidenib.ti,ab                                                      | 24      |
| 133| Letrozole/                                                             | 672     |
| 134| Letrozole.ti,ab                                                        | 2042    |
| 135| "Poly(ADP-ribose) Polymerase Inhibitors"/                             | 51      |
| 136| Polymerase Inhibitor*.ti,ab                                           | 305     |
| 137| PARP*2.ti,ab                                                           | 659     |
| 138| Niraparib.ti,ab                                                       | 119     |
| 139| Olaparib.ti,ab                                                        | 459     |
| 140| Rucaparib.ti,ab                                                       | 98      |
| 141| Talazoparib.ti,ab                                                     | 76      |
| 142| Tamoxifen/                                                             | 1793    |
| 143| Tamoxifen.ti,ab                                                       | 4686    |
| 144| Venetoclax.ti,ab                                                      | 255     |
| 145| or/39-144                                                              | 31177   |
| 146| and/20,38,145                                                          | 1164    |
| 147| 146 not (exp animals/ not humans/)                                    | 1158    |
| 148| (rat*1 or mice or mouse or dog*1 or chick*1 or canine*1 or ferret* or possum* or animal*).ti.| 15854   |
| 149| 147 not 148                                                            | 1155    |
| 150| limit 149 to yr="2000 -Current"                                       | 113     |

Database(s): Econlit 1886 to October 01, 2020

Search Strategy:

| #  | Searches                                                                 | Results |
|----|--------------------------------------------------------------------------|---------|
| 1  | (economic* adj3 (evaluat* or analys* or aspect*)).ti,ab,kw.              | 18079   |
|   | Term                                                                 | Count |
|---|----------------------------------------------------------------------|-------|
| 2 | (cost\*1 adj3 (effective* or benefit* or analys*)).ti,ab,kw.         | 18064 |
| 3 | sensitivit* analys*.ti,ab,kw.                                       | 3267  |
| 4 | sensitivit* analys*.ti,ab,kw.                                       | 3267  |
| 5 | Life Qualit*.ti,ab,kw.                                              | 156   |
| 6 | Quality Adjusted.ti,ab,kw.                                          | 788   |
| 7 | disability adjusted.ti,ab,kw.                                       | 94    |
| 8 | Adjusted Life.ti,ab,kw.                                             | 516   |
| 9 | "health related quality of life".ti,ab,kw.                         | 198   |
|10 | hrqol.ti,ab,kw.                                                     | 56    |
|11 | qaly\*1.ti,ab,kw.                                                   | 503   |
|12 | qale\*1.ti,ab,kw.                                                   | 10    |
|13 | daly\*1.ti,ab,kw.                                                   | 198   |
|14 | or/1-13                                                             | 38808 |
|15 | (cancer* or neoplas* or tumo* or carcinoma* or adenocarcinoma* or hodgkin* or nonhodgkin* or leukemia or leukemias or leukaemia or leukaemias or metasta* or malignan* or lymphoma* or sarcoma* or melanoma* or myeloma* or oncolog*).ti,ab,kw. | 1773  |
|16 | (oral* adj2 (anticancer or "anti cancer")).ti,ab,kw.               | 2     |
|17 | ("kinase inhibitor*" or "protein tyrosine kinase*" or Abemaciclib or Acalabrutinib or afatinib or Alectinib or Alpelisib or Avapritinib or axitinib or binimetinib or bosutinib or Brigatinib or Cabozantinib or Certitinib or Cobimetinib or crizotinib or Dabrafenib or Dacomitinib or dasatinib or Duvelisib or Encorafenib or Entrectinib or Erdafitinib or erlotinib or everolimus or Fedatinib or Fostamatinib or gefitinib or Gilteritinib or Glasdegib or Ibrutinib or Idelalisib or imatinib or Ixazomib or lapatinib or Larotrectinib or Lenvatinib or Lorlatinib or Midostaurin or Neratinib or nilotinib or Nintedanib or Osimertinib or Palbociclib or Panobinostat or pazopanib or Pexidartinib or ponatinib or regorafenib or Ribociclib or ruxolitinib or rapamycin or Sirolimus or sorafenib or sunitinib or Temsirolimus or Tivozanib or Trametinib or Vandetanib or vemurafenib or vismodigib or Vorinostat or "hormone antagonist*" or "antihormon* drug*" or "anti hormone* drug*" or Abiraterone or Anastrozole or Apalutamide or Bicalutamide or Darolutamide or Enzalutamide or Enasidenib or Exemestane or Ivosidenib or Letrozole or "Polymerase Inhibitor*" or PARP or PARPS or PARPi or PARPIS or Niraparib or Olaparib or Rucaparib or Talazoparib or Tamoxifen or Venetoclax).ti,ab,kw. | 27    |
|18 | or/16-17                                                            | 29    |
|19 | and/14-15, 18                                                       | 15    |
|20 | limit 19 to yr="2000 -Current"                                     | 14    |
"oral anticancer" OR "oral anticancer" OR "kinase inhibitor*" OR "protein tyrosine kinase*"
OR Abemaciclib OR Acalabrutinib OR afatinib OR Alectinib OR Alpelisib OR Avapritinib OR axitinib OR binimetinib OR bosutinib OR Brigatinib OR Cabozantinib OR Ceritinib OR Cobimetinib OR crizotinib OR Dabrafenib OR Dacomitinib OR dasatinib OR Duvelisib OR Encorafenib OR Entrectinib OR Erdafitinib OR erlotinib OR everolimus OR Fedratinib OR Fostamatinib OR gefitinib OR Gilteritinib OR Glasdegib OR Ibrutinib OR Idelalisib OR imatinib OR Ixazomib OR lapatinib OR Larotrectinib OR Lenvatinib OR Lorlatinib OR Midostaurin OR Neratinib OR nilotinib OR Nintedanib OR Osimertinib OR Palbociclib OR Panobinostat OR pazopanib OR Pexidartinib OR ponatinib OR regorafenib OR Ribociclib OR ruxolitinib OR rapamycin OR Sirolimus OR sorafenib OR sunitinib OR Temsirolimus OR Tivozanib OR Trametinib OR Vandetanib OR vemurafenib OR vismodegib OR Vorinostat OR "hormone antagonist*" OR "antihormon* drug*" OR "anti hormon* drug*" OR Abiraterone OR Anastrozole OR Apalutamide OR Bicalutamide OR Darolutamide OR Enzalutamide OR Enasidenib OR Exemestane OR Ivosidenib OR Letrozole OR "Polymerase Inhibitor*" OR PARP OR PARPS OR PARPI OR PARPIS OR Niraparib OR Olaparib OR Rucaparib OR Talazoparib OR Tamoxifen OR Venetoclax