**Drug Coding checklist**

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| **Name of codelist** | COCP\_reg\_contraception |
| **Definition of codelist** | *Combined oral contraceptive pills* |

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| **Databases searched** | **Date & version of data dictionary used** | **Yes/No** |
| IMRD |  | **Yes** |
| CPRD Aurum |  | **Yes** |
| CPRD Gold |  | **Yes** |
| HES |  | **Yes** |

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| **Existing resources available :** | **Link** |
| **BNF treatment summaries** | https://bnf.nice.org.uk/treatment-summary/ |
| **NICE CKS** | https://cks.nice.org.uk/ |
| **NHS medication browser tool** | [https://applications.nhsbsa.nhs.uk/DMDBrowser/DMDBrowser.do#](https://applications.nhsbsa.nhs.uk/DMDBrowser/DMDBrowser.do) |
| **OpenPrescribing BNF chapter** | https://openprescribing.net/bnf/ |
| **Previous Birmingham IMRD list** | https://dexter.bham.ac.uk:9999/# |
| CPRD GOLD Codelists | [CPRD product code lists of the potentially prescribed ...](https://bmjopen.bmj.com/content/bmjopen/7/12/e019382/DC1/embed/inline-supplementary-material-1.pdf?download=true)  [https://bmjopen.bmj.com › inline-supplementary-material-1](https://bmjopen.bmj.com/content/bmjopen/7/12/e019382/DC1/embed/inline-supplementary-material-1.pdf?download=true) |
| Medscape | https://reference.medscape.com/drugs |
| Condition specific? | <https://www.epilepsy.org.uk/info/treatment/uk-anti-epileptic-drugs-list>  https://www.diabetes.org.uk/guide-to-diabetes/managing-your-diabetes/treating-your-diabetes/tablets-and-medication |

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| **Validation methods (if relevant)** | **Yes/No** |
| Prevalence/ incidence |  |
| Case note review |  |
| Capture- Recapture method |  |
| Double checked |  |

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| **List the search terms included (add rows as needed)** |
| Ethinylestradiol 20 micrograms/Desogestrel 150 micrograms   * Bimizza * Gedarel® 20/150 * Mercilon® * Alenini * Lestramyl * munalea |
| Ethinylestradiol 20 micrograms/Drospirenone 3 mg   * Eloine * Daylette * Yaz tablets * yasminelle |
| Drospirenone 3mg / Estetrol 14.2mg   * Drovelis |
| Ethinylestradiol 20 micrograms/Gestodene 75 micrograms   * Akizza® 20/75 * Femodette® * Millinette® 20/75 * Sunya® 20/75 * Aidulan * Juliperla |
| Ethinylestradiol 30 micrograms/Desogestrel 150 micrograms   * Cimizt® * Gedarel® 30/150 * Marvelon® * Alenvona * Lestramyl 30/150 * Munalea 150/30 |
| Ethinylestradiol 30 micrograms/Drospirenone 3 mg   * Dretine® * Lucette® * Yacella® * Yasmin® * Yiznell® * Acondro * Cleosensa * Ellanite |
| Ethinylestradiol 30 micrograms/Gestodene 75 micrograms   * Akizza® 30/75 * Femodene® * Katya® 30/75 * Millinette® 30/75 * Aidulan 30/75 * Minulet * Sofiperla |
| Ethinylestradiol 30 micrograms/Levonorgestrel 150 micrograms   * Levest® * Microgynon® 30 * Ovranette® * Rigevidon® * Elevin® * Maexeni® * Ambelina * Elevin * Erlibelle * Leandra * Maexeni |
| Ethinylestradiol 35 micrograms/Norgestimate 250 micrograms   * Cilique® * Lizinna® * Cilest 35/250 |
| Ethinylestradiol 35 micrograms/Norethisterone 500 micrograms   * Brevinor 500 * Ovysmen 500 |
| Ethinylestradiol 35 micrograms/Norethisterone 1 mg   * Norimin® * neocon |
| Mestranol 50 micrograms/Norethisterone 1 mg   * Norinyl-1® |
| Ethinylestradiol 30 micrograms/Gestodene 75 micrograms Monophasic 28   * Femodene® ED |
| Ethinylestradiol 30 micrograms/Levonorgestrel 150 micrograms Monophasic 28   * Microgynon® 30 ED |
| Estradiol (as hemihydrate) 1.5 mg/Nomegestrol acetate 2.5 mg Monophasic 28   * Zoely® |
| Ethinylestradiol 30-40 micrograms/Levonorgestrel 50-125 micrograms Multiphasic 21   * Logynon® * TriRegol® * Synphase® |
| ethinylestradiol 20 microgram / Levonorgestrel 100 microgram   * femme tab 20/100 |
| Ethinylestradiol 30-40 micrograms/Levonorgestrel 50-125 micrograms Multiphasic 28   * Logynon® ED |
| Estradiol valerate 1-4 mg/Dienogest 2-3 mg Multiphasic 28   * Qlaira® |
| Levonorgestrel 250microgram / Ethinylestradiol 30microgram   * Eugynon 30 |
| Levonorgestrel 250microgram / Ethinylestradiol 50microgram   * Eugynon 50 * Ovran * Schering PC4 |
| Ethinylestradiol 20microgram / Norethisterone acetate 1mg   * Loestrin 20 |
| Ethinylestradiol 30microgram / Norethisterone acetate 1.5mg   * Loestrin 30 |
| Medscape - levonorgestrel oral/ethinyl estradiol   * Altavera * Amethia * Amethia Lo * Amethyst * Ashlyna * Aubra * Aviane * Camrese * Camrese Lo * Chateal * Daysee * Elifemme * Enpresse * Falmina * Introvale * Jolessa * Kurvelo * Lessina 21 * Lessina 28 * Levonest * Levora * LoSeasonique * Lybrel * Marlissa * Microgynon * Nordette * Orsythia * Ovranette * Portia 21 * Portia 28 * Quasense * Quartette * Sronyx * Trivora 28 * Seasonale * Seasonique * Setlakin * Lutera * Myzilra * FaLessa * FaLessa Kit * Delyla * Fayosim * Larissia * Lillow * Rivelsa * Vienva |
| Medscape - norethindrone/ethinyl estradiol   * Aranelle * Balziva 28 * Alyacen 1/35 * Alyacen 7/7/7 * Briellyn * Cyclafem 7/7/7 * Cyclafem 0.5/35 * Cyclafem 1/35 * Dasetta 1/35 * Dasetta 7/7/7 * Leena * Necon 0.5/35 * Norethin 1/35E * Norinyl 1+35 * Nortrel 0.5/35 * Nortrel 1/35 * Nortrel 7/7/7 * Philith * Pirmella 1/35 * Pirmella 7/7/7 * Wera * Cyonanz * Nylia 1/35 * Nylia 7/7/7 * Vyfemla |
| Medscape - desogestrel/ethinyl estradiol   * Ortho-Cept * Desogen * Apri * Caziant * Cyclessa * Emoquette * Enskyce * Kariva * Mircette * Reclipsen * Solia * Velivet * Viorele * Azurette * Kimidess * Pimtrea * Bekyree * Cyred * Cyred EQ * Isibloom * Juleber |
| Medscape - levonorgestrel oral/ethinylestradiol/ferrous bisglycinate   * Balcoltra |
| Medscape - drospirenone/ethinyl estradiol/levomefolate   * Beyaz * Safyral * Tydemy |
| Medscape - norethindrone acetate/ethinyl estradiol/ferrous fumarate (Rx)   * Loestrin 24 Fe * Loestrin Fe 1.5/30 * Loestrin Fe 1/20 * Lo Loestrin Fe * Lomedia 24 Fe * Lo Minastrin Fe * Estrostep Fe * Gildess Fe 1.5/30 * Gildess Fe 1/20 * Junel Fe 1.5/30 * Junel Fe 1/20 * Junel Fe 24 * Microgestin Fe 1.5/30 * Microgestin Fe 1/20 * Minastrin 24 FE * Tilia Fe * TriLegest Fe * Blisovi 24 Fe * Blisovi Fe 1.5/30 * Blisovi Fe 1/20 * Taytulla * Larin 24 FE * Larin FE 1/20 * Larin FE 1.5/30 * Melodetta 24 FE * Mibelas 24 FE * Tarina 24 FE * Tarina FE 1/20 * Merzee |
| Medscape - norgestrel/ethinyl estradiol   * Cryselle * Low-Ogestrel * Elinest * Ogestrel |
| Medscape - dienogest/estradiol valerate   * Natazia |
| Medscape - drospirenone/ethinyl estradiol   * Yasmin * Yaz * Gianvi * Loryna * Ocella * Syeda * Vestura * Zarah * Yaela |
| Medscape - norgestimate/ethinyl estradiol   * Mononessa * Ortho Cyclen-28 * Ortho Tri-Cyclen * Ortho Tri-Cyclen Lo * Estarylla * Tri-Estarylla * Tri-Lo-Estarylla * Mili * Mono-Linyah * Tri-Linyah * Previfem * Sprintec 28 * TriCyclen * Tri-Lo Sprintec * Tri-Mili * Tri-Lo-Mili * Trinessa * TriNessa Lo * TriPrevifem * TriSprintec * Femynor * TriFemynor * Tri-Lo-Marzia |
| Medscape - estetrol/drospirenone   * Nextstellis |
| Medscape – etynodiol(ethynodiol)/ethinyl estradiol   * Kelnor * Zovia * Conova 30 |
| Ethanodiol / mestranol   * Ovulen 50 |
| Medscape - norethindrone acetate/ethinyl estradiol   * Loestrin 1.5/30 * Loestrin 1/20 * Microgestin 1.5/30 * Microgestin 1/20 * Junel 1.5/30 * Junel 1/20 * Larin 1/20 * Larin 1.5/30 * Hailey 1.5/30 |
| Medscape - norethindrone/ethinyl estradiol/ferrous fumarate   * Generess Fe * Nexesta Fe * Kaitlib Fe * Zenchent Fe * Layolis FE * Wymzya FE |
| Medscape - mestranol/norethindrone   * Necon 1/50 * Norinyl 1+50 |
| MESTRANOL /NORETHYNODREL   * Enovid |
| Co-cyprindiol 2000microgram/35microgram   * Acnocin * Cicafem * Clairette * Dianette * Diva * Teragezza |
| Ethinylestradiol norethisterone   * Gynovlar * Minovlar * controvlar |
| Paper using IMRD codes for contraception  <https://srh.bmj.com/content/48/3/193>  Time trends in contraceptive prescribing in UK primary care 2000–2018: a repeated cross-sectional study Thomas Joshua Pasvol1, E Anne Macgregor2, Greta Rait1, Laura Horsfall1 2020 |
| Drug code Generic name  38631978 Ethinylestradiol 35microgram / Norgestimate 250microgram tablets  42618978 Ethinylestradiol 35microgram / Norgestimate 250microgram tablets  58067979 Ethinylestradiol 30microgram / Levonorgestrel 150microgram tablets  61424979 Ethinylestradiol 35microgram / Norgestimate 250microgram tablets  72983978 Ethinylestradiol 30microgram / Levonorgestrel 150microgram tablets  72984978 Ethinylestradiol 30microgram / Levonorgestrel 150microgram tablets  81388998 Ethinylestradiol 30microgram / Levonorgestrel 150microgram tablets  81713998 Ethinylestradiol 30microgram / Levonorgestrel 150microgram tablets  82039998 Generic Logynon tablets  82040998 Ethinylestradiol 30microgram / Levonorgestrel 150microgram tablets  82343998 Ethinylestradiol 30microgram / Levonorgestrel 150microgram tablets  83562978 Ethinylestradiol 35microgram / Norgestimate 250microgram tablets  89080998 Generic Microgynon 30 ED tablets  89213998 Ethinylestradiol 30microgram / Levonorgestrel 150microgram tablets  90566998 Ethinylestradiol with norethisterone - biphasic 7 x 35mcg+500mcg; 14 x  35mcg+1mg tablet  90641998 Generic Logynon ED tablets  90644998 Generic Logynon tablets  90647998 Levonorgestrel 250microgram / ethinylestradiol 50microgram tablets  90650998 Levonorgestrel 250microgram / ethinylestradiol 30microgram tablets  90654998 Ethinylestradiol 30microgram / Levonorgestrel 150microgram tablets  90658998 Ethinylestradiol & levonorgestrel 50mcg+250mcg tablets  90703997 Ethinylestradiol with norethisterone - triphasic 7 x 35+500mcg; 7 x 35+750mcg; 7  x 35mcg+1mg tablet  90972998 Ethinylestradiol 35microgram / Norgestimate 250microgram tablets  92682998 Mestranol 50microgram / Norethisterone 1mg tablets  92860979 Ethinylestradiol & levonorgestrel 50mcg+250mcg tablets  92862979 Ethinylestradiol 30microgram / Levonorgestrel 150microgram tablets  94158996 Ethinylestradiol 30microgram / Norethisterone acetate 1.5mg tablets  94158997 Ethinylestradiol 20microgram / Norethisterone acetate 1mg tablets  94997992 Ethinylestradiol 30microgram / Levonorgestrel 150microgram tablets  95885998 Mestranol 50microgram / Norethisterone 1mg tablets  97456998 Ethinylestradiol & levonorgestrel 50mcg+250mcg tablets  97462998 Generic Logynon ED tablets  97464998 Ethinylestradiol 30microgram / Levonorgestrel 150microgram tablets  97466998 Ethinylestradiol & levonorgestrel 30mcg+250mcg tablets  97563998 Generic Synphase tablets  98085997 Ethinylestradiol 35microgram / Norethisterone 1mg tablets  98085998 Ethinylestradiol 35microgram / Norethisterone 500microgram tablets  98181997 Ethinylestradiol with norethisterone - triphasic and placebo 7 x 35+500mcg; 7 x  35+750mcg; 7 x 35mcg+1mg tablet  98181998 Generic trinovum tablets   * Ethinylestradiol 35microgram / Norethisterone 750microgram   98183998 Ethinylestradiol 35microgram / Norethisterone 500microgram tablets  98185998 Mestranol & norethisterone 50mcg+1mg tablets  98187998 Ethinylestradiol & norethisterone 35mcg+1mg tablets  98189998 Generic binovum tablets  98191998 Mestranol 50microgram / Norethisterone 1mg tablets  98193998 Ethinylestradiol 35microgram / Norethisterone 500microgram tablets  98195998 Ethinylestradiol 35microgram / Norethisterone 1mg tablets  98197998 Generic Logynon tablets  98199998 Ethinylestradiol 30microgram / Levonorgestrel 150microgram tablets  98201998 Ethinylestradiol & levonorgestrel 30mcg+250mcg tablets  98203998 Ethinylestradiol & levonorgestrel 50mcg+250mcg tablets  98205998 Generic Logynon tablets  98207998 Ethinylestradiol 30microgram / Norethisterone acetate 1.5mg tablets  98209998 Ethinylestradiol 20microgram / Norethisterone acetate 1mg tablets  99036998 Ethinylestradiol 35microgram / Norgestimate 250microgram tablets  99047998 Ethinylestradiol 35microgram / Norgestimate 250microgram tablets  89341998 Ethinylestradiol with levonorgestrel 30micrograms + 50micrograms tablet  90703998 Ethinylestradiol with norethisterone - triphasic 7x35+500mcg; 9x35mcg+1mg;  5x35+500mcg tablet  93781998 Ethinylestradiol with levonorgestrel tablet  94995992 Ethinyloestradiol/norethisterone 35 mcg tab  95002992 Ethinylestradiol & levonorgestrel 50mcg+250mcg tablets |
| Drug code Generic name  39702978 Ethinylestradiol 30microgram / Desogestrel 150microgram tablets  47222978 Ethinylestradiol 20microgram / Desogestrel 150microgram tablets  52480979 Ethinylestradiol 30microgram / Desogestrel 150microgram tablets  52481979 Ethinylestradiol 20microgram / Desogestrel 150microgram tablets  53192979 Ethinylestradiol 30microgram / Desogestrel 150microgram tablets  59313978 Ethinylestradiol 30microgram / Desogestrel 150microgram tablets  72985978 Ethinylestradiol 30microgram / Desogestrel 150microgram tablets  72986978 Ethinylestradiol 30microgram / Desogestrel 150microgram tablets  82024998 Ethinylestradiol 20microgram / Gestodene 75microgram tablets  82029998 Ethinylestradiol 30microgram / Gestodene 75microgram tablets  82032998 Ethinylestradiol 20microgram / Desogestrel 150microgram tablets  82041998 Ethinylestradiol 30microgram / Desogestrel 150microgram tablets  84491998 Ethinylestradiol 20microgram / Gestodene 75microgram tablets  84492998 Ethinylestradiol 30microgram / Gestodene 75microgram tablets  90747998 Ethinylestradiol 30microgram / Desogestrel 150microgram tablets  90750998 Ethinylestradiol 20microgram / Desogestrel 150microgram tablets  90760998 Generic Femodene ED tablets  90969997 Ethinylestradiol 20microgram / Gestodene 75microgram tablets  90969998 Ethinylestradiol 30microgram / Gestodene 75microgram tablets  92485998 Ethinylestradiol 20microgram / Gestodene 75microgram tablets  92863979 Ethinylestradiol 30microgram / Desogestrel 150microgram tablets  93263998 Generic Femodene ED tablets  94398997 Ethinylestradiol 20microgram / Gestodene 75microgram tablets  94398998 Ethinylestradiol 30microgram / Gestodene 75microgram tablets  94745998 Ethinylestradiol 20microgram / Desogestrel 150microgram tablets  94773998 Ethinylestradiol 30microgram / Gestodene 75microgram tablets  96439997 Ethinylestradiol 30microgram / Desogestrel 150microgram tablets  96439998 Ethinylestradiol 20microgram / Desogestrel 150microgram tablets  96922998 Ethinylestradiol 30microgram / Gestodene 75microgram tablets  98178998 Ethinylestradiol 30microgram / Desogestrel 150microgram tablets  90757998  Ethinylestradiol with gestodene - triphasic 6 x 30+50mcg; 5 x 40+70mcg; 10 x  30+100mcg tablet  97670998 Generic tri-minulet tablets  97702998 Generic tri-minulet tablets |
| Drug code Generic name  45866978 Ethinylestradiol 20microgram / Drospirenone 3mg tablets  46090978 Ethinylestradiol 20microgram / Drospirenone 3mg tablets  47150978 Ethinylestradiol 30microgram / Drospirenone 3mg tablets  53008979 Ethinylestradiol 20microgram / Drospirenone 3mg tablets  53009979 Ethinylestradiol 20microgram / Drospirenone 3mg tablets  72966978 Ethinylestradiol 30microgram / Drospirenone 3mg tablets  74455978 Ethinylestradiol 30microgram / Drospirenone 3mg tablets  78546978 Ethinylestradiol 30microgram / Drospirenone 3mg tablets  83634998 Ethinylestradiol 20microgram / Drospirenone 3mg tablets  83740978 Estradiol 1.5mg / Nomegestrol 2.5mg tablets  83741978 Estradiol 1.5mg / Nomegestrol 2.5mg tablets  84583978 Ethinylestradiol 20microgram / Drospirenone 3mg tablets  59254978 Ethinylestradiol 30microgram / Drospirenone 3mg tablets  59255978 Ethinylestradiol 30microgram / Drospirenone 3mg tablets  82867998 Generic Qlaira tablets  82869998 Generic Qlaira tablets  89914979 Ethinylestradiol 30microgram / Drospirenone 3mg tablets  92571998 Ethinylestradiol 30microgram / Drospirenone 3mg tablets  98852998 Ethinylestradiol 30microgram / Drospirenone 3mg tablets |
| Drug code Generic name  47175978 Co-cyprindiol 2000microgram/35microgram tablets  85864998 Co-cyprindiol 2000microgram/35microgram tablets  86466998 Co-cyprindiol 2000microgram/35microgram tablets  86925998 Co-cyprindiol 2000microgram/35microgram tablets  87351998 Co-cyprindiol 2000microgram/35microgram tablets  90826979 Co-cyprindiol 2000microgram/35microgram tablets  90828979 Co-cyprindiol 2000microgram/35microgram tablets  90833979 Co-cyprindiol 2000microgram/35microgram tablets  91068998 Co-cyprindiol 2000microgram/35microgram tablets  91069998 Co-cyprindiol 2000microgram/35microgram tablets  94832990 Co-cyprindiol 2000microgram/35microgram tablets  94920998 Co-cyprindiol 2000microgram/35microgram tablets  95220990 Co-cyprindiol 2000microgram/35microgram tablets  95396990 Co-cyprindiol 2000microgram/35microgram tablets  96577998 Co-cyprindiol 2000microgram/35microgram tablets  97520998 Co-cyprindiol 2000microgram/35microgram tablets |
| <https://www.nps.org.au/assets/ef8ba906a03e7080-f2801769e605-Choosing-a-combined-oral-contraceptive-pill.pdf>  Australian prescribing guide.  VOLUME 38 : NUMBER 1 : FEBRUARY 2015 Choosing a combined oral contraceptive pill Mary Stewart, Kirsten Black  Loette  Diane |
| <https://muvs.org/en/contraception/pills/>  Museum of contraception  Anovlar  Minilyn  Trinordiol  Orlest 21  Ortho-novin  binovum |
| <https://pharmaceutical-journal.com/article/infographics/sixty-years-of-the-combined-oral-contraceptive-pill>  History of COCP article  Triadene |
| <https://www.just.edu.jo/DIC/Manuals/Oral%20Contraceptives.pdf>  List of contraceptives in Jordan – no significant frequqency results  Gracial  kliogest |
| <https://www.doctorfox.co.uk/contraceptive-pill/2nd-3rd-generation-pills.html>  All checked on this list for older brand names |
| <https://clinicalcodes.rss.mhs.man.ac.uk/medcodes/article/25/codelist/res25-contraceptives/>  Ortho-novin |
| <https://caliberresearch.org/portal/codelists>  Following codelists reviewed, none-additional generated  <https://phenotypes.healthdatagateway.org/phenotypes/PH930/version/1939/detail/>  <https://phenotypes.healthdatagateway.org/phenotypes/PH1003/version/2181/detail/>  <https://phenotypes.healthdatagateway.org/phenotypes/PH962/version/2140/detail/> |
| Also searched for alternative spellings  Estradiol/oestradiol  Lynesternol/lynoestrenol  This generated a few more codes |
| BNF1 codes   * 07030100 * 7030100 * 06040103 * 13060200 * 7030152 * 6040101   BNF 2 codes   * 07030152 * 13060202 * 7030150 * 6040102   BNF 3 codes   * 13090200   ATC codes   * G03AA07 * G03AA11 * G03AA09 * G03AA * G03HB01 * G03FB09 * G03FA11 * G03DC02 * G03CA53 * G03CA01 * G03AB06 * G03AB |
| 98897998, Mestranol with norethisterone tablet, 06040101, 06040102  06040101, G03CA, 11513    Included as in the uk this is only available as norinyl |
| **List the search terms excluded or filtered out (add rows as needed)** |
| *• Femhrt,* *Jinteli, Fyavolv, Jevantique Lo – mainly HRT* |
| * Menophase Tablet (Pharmacia Ltd) Norethisterone/Mestranol Tablet Oral 06040101 – specific menopause formulation |
| * 13810 * Ethinylestradiol with levonorgestrel for post-coital contraception 50micrograms + 250micrograms Tablet Ethinylestradiol/Levonorgestrel 50micrograms + 250micrograms Tablet Oral – suggests emergency |
| Estrovis – HRT  Harmogen - HRT |
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| **Author** | *Richard Hotham* |
| **Date completed** | *09/11/2022* |
| **Checked by** | *<name>* |