

## Supplementary Online Content

Tseng HF, Smith N, Harpaz R, Bialek SR, Sy LS, Jacobsen SJ. Herpes zoster vaccine in older adults and the risk of subsequent herpes zoster disease. *JAMA*. 2011;305(2):160-166.

**eBox.** List of Immunosuppressing Agents

**eTable 1.** ICD-9 Codes and Diagnosis of 13 Indicator Conditions

**eTable 2.** Comparison of Incidence Rates of 13 Indicator Conditions Between the Vaccinated and Unvaccinated Population

This supplementary material has been provided by the authors to give readers additional information about their work.

## eBox. List of Immunosuppressing Agents

### I. Antineoplastics

#### Medication Name

ABARELIX  
ABARELIX 100 MG IM RECON SUSP  
ABARELIX IM  
ABRAXANE IV  
ACTIMMUNE SUBQ  
ADRIAMYCIN IV  
ADRIAMYCIN PFS IV  
ADRIAMYCIN RDF IV  
ADRUCIL IV  
AFINITOR ORAL  
ALDESLEUKIN  
ALDESLEUKIN 18,000,000 UNIT/ML IN SW INJ SYRINGE  
ALDESLEUKIN 22,000,000 UNIT IV RECON SOLN  
ALDESLEUKIN IV  
ALEMTUZUMAB  
ALEMTUZUMAB 10 MG/ML IV SOLN  
ALEMTUZUMAB 30 MG/ML IV SOLN  
ALEMTUZUMAB IV  
ALFERON N INJ  
ALIMTA IV  
ALITRETINOIN  
ALITRETINOIN 0.1 % TOP GEL  
ALITRETINOIN TOP  
ALKERAN IV  
ALKERAN ORAL  
ALTRETAMINE  
ALTRETAMINE 50 MG ORAL CAP  
ALTRETAMINE ORAL

AMINOGLUTETHIMIDE  
AMINOGLUTETHIMIDE 250 MG ORAL TAB  
AMINOGLUTETHIMIDE ORAL  
AMINOLEVULINIC ACID HCL  
AMINOLEVULINIC ACID HCL 20 % TOP SOLN  
AMINOLEVULINIC ACID HCL TOP  
ANASTROZOLE  
ANASTROZOLE 1 MG ORAL TAB  
ANASTROZOLE ORAL  
ARIMIDEX 30-DAY PACK ORAL  
ARIMIDEX ORAL  
AROMASIN ORAL  
ARRANON IV  
ARSENIC TRIOXIDE  
ARSENIC TRIOXIDE 10 MG/10 ML IV SOLN  
ARSENIC TRIOXIDE IV  
ASPARAGINASE  
ASPARAGINASE 10,000 UNIT INJ RECON SOLN  
ASPARAGINASE 5000 UNIT/ML IN NS INJ SYRINGE  
ASPARAGINASE IN NS INJ SYRINGE (UW)  
ASPARAGINASE INJ  
AVASTIN IV  
AZACITIDINE  
AZACITIDINE 100 MG SUBQ RECON SOLN  
AZACITIDINE SUBQ  
BCG LIVE  
BCG LIVE 50 MG IVES RECON SUSP  
BCG LIVE 81 MG IVES RECON SUSP  
BCG LIVE IVES  
BCG-INTERFERON A-2B 16.7MG-50MU IN 50ML NS  
INTRAVESICUL SOLN

BCG-INTERFERON A-2B 25MG-50MU IN 50ML NS  
INTRAVESICULAR SOLN

BCG-INTERFERON A-2B 50MG-50MU IN 50ML NS  
INTRAVESICULAR SOLN

BCG-INTERFERON A-2B 5MG-50MU IN 50ML NS  
INTRAVESICULAR SOLN

BENDAMUSTINE 100 MG IV RECON SOLN

BENDAMUSTINE HCL

BENDAMUSTINE IV

BEVACIZUMAB

BEVACIZUMAB 2.5 MG/0.1 ML INTRAOCULAR INJ

BEVACIZUMAB 25 MG/ML IV SOLN

BEVACIZUMAB IV

BEXAROTENE

BEXAROTENE 1 % TOP GEL

BEXAROTENE 75 MG ORAL CAP

BEXAROTENE ORAL

BEXAROTENE TOP

BEXXAR 131 IODINE IV

BEXXAR IV

BICALUTAMIDE

BICALUTAMIDE 50 MG ORAL TAB

BICALUTAMIDE ORAL

BICNU IV

BLENOXANE INJ

BLEOMYCIN 0.5 UNITS/ML IN LIDOCAINE 1 % TOP SOLN

BLEOMYCIN 1 UNIT/ML IN NS INJ SYRINGE

BLEOMYCIN 15 UNIT INJ RECON SOLN

BLEOMYCIN 3 UNIT/ML IN SW INJ SYRINGE PED

BLEOMYCIN 30 UNIT INJ RECON SOLN

BLEOMYCIN INJ

BLEOMYCIN SULFATE

BORTEZOMIB

BORTEZOMIB 1 MG/ML IN NS IV SYRINGE  
BORTEZOMIB 3.5 MG IV RECON SOLN  
BORTEZOMIB IV  
BUSULFAN  
BUSULFAN 2 MG ORAL TAB  
BUSULFAN 60 MG/10 ML IV SOLN  
BUSULFAN IV  
BUSULFAN ORAL  
BUSULFEX IV  
CAMPATH IV  
CAMPTOSAR IV  
CAPECITABINE  
CAPECITABINE 150 MG ORAL TAB  
CAPECITABINE 500 MG ORAL TAB  
CAPECITABINE ORAL  
CARAC TOP  
CARBOPLATIN  
CARBOPLATIN 50 MG INJ RECON SOLN  
CARBOPLATIN 10 MG/ML IV SOLN  
CARBOPLATIN 150 MG IV RECON SOLN  
CARBOPLATIN 450 MG IV RECON SOLN  
CARBOPLATIN INJ  
CARBOPLATIN IV  
CARMUSTINE  
CARMUSTINE 100 MG IV RECON SOLN  
CARMUSTINE IN POLIFEPROSAN 7.7 MG IMPL WAFER  
CARMUSTINE IN POLIFEPROSAN IMPL  
CARMUSTINE IV  
CARMUSTINE/POLIFEPROSAN 20  
CASODEX ORAL  
CEENU ORAL  
CERUBIDINE IV

CETUXIMAB  
CETUXIMAB 100 MG/50 ML IV SOLN  
CETUXIMAB 200 MG/100 ML IV SOLN  
CETUXIMAB IV  
CHLORAMBUCIL  
CHLORAMBUCIL 2 MG ORAL TAB  
CHLORAMBUCIL ORAL  
CISPLATIN  
CISPLATIN 1 MG/ML IN STERILE DILUENT INJ SYG (UW)  
CISPLATIN 1 MG/ML IV SOLN  
CISPLATIN IV  
CLADRIBINE  
CLADRIBINE 1 MG/ML IV SOLN  
CLADRIBINE IV  
CLOFARABINE  
CLOFARABINE 1 MG/ML IV SOLN  
CLOFARABINE IV  
CLOLAR IV  
COSMEGEN IV  
CYCLOPHOSPHAMIDE  
CYCLOPHOSPHAMIDE 25 MG ORAL TAB  
CYCLOPHOSPHAMIDE 50 MG ORAL TAB  
CYCLOPHOSPHAMIDE 1 GRAM IV RECON SOLN  
CYCLOPHOSPHAMIDE 100 MG IV RECON SOLN  
CYCLOPHOSPHAMIDE 2 GRAM IV RECON SOLN  
CYCLOPHOSPHAMIDE 200 MG IV RECON SOLN  
CYCLOPHOSPHAMIDE 500 MG IV RECON SOLN  
CYCLOPHOSPHAMIDE IV  
CYCLOPHOSPHAMIDE ORAL  
CYTADREN ORAL  
CYTARABINE  
CYTARABINE 20 MG/ML INJ SOLN

CYTARABINE 1 GRAM INJ RECON SOLN  
CYTARABINE 100 MG INJ RECON SOLN  
CYTARABINE 2 GRAM INJ RECON SOLN  
CYTARABINE 500 MG INJ RECON SOLN  
CYTARABINE INJ  
CYTARABINE LIPOSOME  
CYTARABINE LIPOSOME IT  
CYTOSAR-U INJ  
CYTOXAN IV  
CYTOXAN LYOPHILIZED IV  
CYTOXAN ORAL  
DACARBAZINE  
DACARBAZINE 100 MG IV RECON SOLN  
DACARBAZINE 200 MG IV RECON SOLN  
DACARBAZINE IV  
DACOGEN IV  
DACTINOMYCIN  
DACTINOMYCIN 0.5 MG IV RECON SOLN  
DACTINOMYCIN 0.5 MG/ML IN STERILE DILUENT IV  
SYRINGE PED (UW)  
DACTINOMYCIN IV  
DASATINIB  
DASATINIB 20 MG ORAL TAB  
DASATINIB 50 MG ORAL TAB  
DASATINIB 70 MG ORAL TAB  
DASATINIB 100 MG ORAL TAB  
DASATINIB ORAL  
DAUNORUBICIN 20 MG IV RECON SOLN  
DAUNORUBICIN 5 MG/ML IN STERILE DILUENT INJ SYRINGE  
PED (UW)  
DAUNORUBICIN 5 MG/ML IV INJ  
DAUNORUBICIN CITRATE LIPOSOMAL

DAUNORUBICIN HCL  
DAUNORUBICIN IV  
DAUNORUBICIN LIPOSOME 2 MG/ML IV INJ  
DAUNORUBICIN LIPOSOME IV  
DAUNOXOME IV  
DECITABINE  
DECITABINE 50 MG IV RECON SOLN  
DECITABINE IV  
DEGARELIX 80 MG SUBQ RECON SOLN  
DEGARELIX 120 MG SUBQ RECON SOLN  
DEGARELIX ACETATE  
DEGARELIX SUBQ  
DENILEUKIN DIFTITOX  
DENILEUKIN DIFTITOX 150 MCG/ML IV SOLN  
DENILEUKIN DIFTITOX IV  
DEPOCYT IT  
DICLOFENAC SODIUM 3 % TOP GEL  
DOCETAXEL  
DOCETAXEL 20 MG/2 ML (FINAL) IV SOLN  
DOCETAXEL 80 MG/8 ML (FINAL) IV SOLN  
DOCETAXEL IV  
DOXIL IV  
DOXORUBICIN 10 MG IV RECON SOLN  
DOXORUBICIN 20 MG IV RECON SOLN  
DOXORUBICIN 50 MG IV RECON SOLN  
DOXORUBICIN 10 MG/5 ML IV SOLN  
DOXORUBICIN 100 MG IV RECON SOLN  
DOXORUBICIN 150 MG IV RECON SOLN  
DOXORUBICIN 2 MG/ML IN STERILE DILUENT INJ SYG (UW)  
DOXORUBICIN 2 MG/ML IV SOLN  
DOXORUBICIN 20 MG/10 ML IV SOLN  
DOXORUBICIN 50 MG/25 ML IV SOLN

DOXORUBICIN HCL  
DOXORUBICIN HCL LIPOSOMAL  
DOXORUBICIN IV  
DOXORUBICIN IV  
DOXORUBICIN LIPOSOMAL 2 MG/ML IV INJ  
DOXORUBICIN LIPOSOMAL IV  
DROXIA ORAL  
DTIC-DOME IV  
EFUDEX OCCLUSION PACK TOP  
EFUDEX TOP  
ELIGARD SUBQ  
ELLEENCE IV  
ELOXATIN IV  
ELSPAR INJ  
EMCYT ORAL  
EPIRUBICIN 50 MG IV RECON SOLN  
EPIRUBICIN 10 MG/5 ML IV SOLN  
EPIRUBICIN 150 MG/75 ML IV SOLN  
EPIRUBICIN 200 MG IV RECON SOLN  
EPIRUBICIN 200 MG/100 ML IV SOLN  
EPIRUBICIN 50 MG/25 ML IV SOLN  
EPIRUBICIN HCL  
EPIRUBICIN IV  
ERBITUX IV  
ERLOTINIB 25 MG ORAL TAB  
ERLOTINIB 100 MG ORAL TAB  
ERLOTINIB 150 MG ORAL TAB  
ERLOTINIB HCL  
ERLOTINIB ORAL  
ESTRAMUSTINE 140 MG ORAL CAP  
ESTRAMUSTINE ORAL  
ESTRAMUSTINE PHOSPHATE SODIUM

ETOPOPHOS IV  
ETOPOSIDE  
ETOPOSIDE 20 MG/ML IV SOLN  
ETOPOSIDE 50 MG ORAL CAP  
ETOPOSIDE IV  
ETOPOSIDE ORAL  
ETOPOSIDE PHOSPHATE  
ETOPOSIDE PHOSPHATE 100 MG IV RECON SOLN  
ETOPOSIDE PHOSPHATE IV  
EULEXIN ORAL  
EVEROLIMUS  
EVEROLIMUS 5 MG ORAL TAB  
EVEROLIMUS 10 MG ORAL TAB  
EVEROLIMUS ORAL  
EXEMESTANE  
EXEMESTANE 25 MG ORAL TAB  
EXEMESTANE ORAL  
FARESTON ORAL  
FASLODEX IM  
FEMARA ORAL  
FLOXURIDINE  
FLOXURIDINE 0.5 G INJ RECON SOLN  
FLOXURIDINE INJ  
FLUDARA IV  
FLUDARABINE 50 MG IV RECON SOLN  
FLUDARABINE 50 MG/2 ML IV SOLN  
FLUDARABINE IV  
FLUDARABINE PHOSPHATE  
FLUOROPLEX TOP  
FLUOROURACIL  
FLUOROURACIL 0.5 % TOP CREA  
FLUOROURACIL 1 % TOP CREA

FLUOROURACIL 1 GRAM/20 ML IV SOLN  
FLUOROURACIL 2 % TOP SOLN  
FLUOROURACIL 2.5 GRAM/50 ML IV SOLN  
FLUOROURACIL 5 % CRM - VANICREAM (1:1) TOP CRM  
FLUOROURACIL 5 % TOP CREA  
FLUOROURACIL 5 % TOP SOLN  
FLUOROURACIL 5 GRAM/100 ML IV SOLN  
FLUOROURACIL 500 MG/10 ML IV SOLN  
FLUOROURACIL IV  
FLUOROURACIL TOP  
FLUOROURACIL-ADHESIVE BANDAGE 5 % TOP KIT  
FLUOROURACIL-ADHESIVE BANDAGE TOP  
FLUOROURACIL-TRIAMCINOLONE 20-1 MG/0.5 ML  
INTRALESIONAL INJ  
FLUOROURACIL/ADHESIVE BANDAGE  
FLUTAMIDE  
FLUTAMIDE 125 MG ORAL CAP  
FLUTAMIDE ORAL  
FUDR INJ  
FULVESTRANT  
FULVESTRANT 125 MG/2.5 IM SYRINGE  
FULVESTRANT 250 MG/5 ML IM SYRINGE  
FULVESTRANT IM  
GEFITINIB  
GEFITINIB 250 MG ORAL TAB  
GEFITINIB ORAL  
GEMCITABINE 1 GRAM IV RECON SOLN  
GEMCITABINE 200 MG IV RECON SOLN  
GEMCITABINE HCL  
GEMCITABINE IV  
GEMTUZUMAB OZOGAMICIN  
GEMTUZUMAB OZOGAMICIN 5 MG IV RECON SOLN

GEMTUZUMAB OZOGAMICIN IV  
GEMZAR IV  
GLEEVEC ORAL  
GLIADEL WAFER IMPL  
GOSERELIN 3.6 MG SUBQ IMPLANT  
GOSERELIN 10.8 MG SUBQ IMPLANT  
GOSERELIN ACETATE  
GOSERELIN SUBQ  
HERCEPTIN IV  
HEXALEN ORAL  
HYCAMTIN IV  
HYCAMTIN ORAL  
HYDREA ORAL  
HYDROXYUREA  
HYDROXYUREA 200 MG ORAL CAP  
HYDROXYUREA 300 MG ORAL CAP  
HYDROXYUREA 400 MG ORAL CAP  
HYDROXYUREA 500 MG ORAL CAP  
HYDROXYUREA 1,000 MG ORAL TAB  
HYDROXYUREA 100 MG/ML ORAL SUSP  
HYDROXYUREA 50 MG/ML ORAL SUSP  
HYDROXYUREA ORAL  
IBRITUMOMAB/INDIUM-111/ALBUMIN  
IBRITUMOMAB/YTTRIUM-90/ALBUMIN  
IDAMYCIN PFS IV  
IDARUBICIN 5 MG IV RECON SOLN  
IDARUBICIN 1 MG/ML IV SOLN  
IDARUBICIN 10 MG IV RECON SOLN  
IDARUBICIN 20 MG IV RECON SOLN  
IDARUBICIN HCL  
IDARUBICIN IV  
IDARUBICIN IV

IFEX IV  
IFEX/MESNEX IV  
IFOSFAMIDE  
IFOSFAMIDE 1 GRAM IV RECON SOLN  
IFOSFAMIDE 1 GRAM/20 ML IV SOLN  
IFOSFAMIDE 3 GRAM IV RECON SOLN  
IFOSFAMIDE 3 GRAM/60 ML IV SOLN  
IFOSFAMIDE IV  
IFOSFAMIDE-MESNA 1-1 GRAM IV KIT  
IFOSFAMIDE-MESNA 3,000-1,000 MG IV KIT  
IFOSFAMIDE-MESNA IV  
IFOSFAMIDE/MESNA  
IMATINIB 100 MG ORAL TAB  
IMATINIB 400 MG ORAL TAB  
IMATINIB MESYLATE  
IMATINIB ORAL  
INTERFERON ALFA-2A 18,000,000 UNIT INJ RECON SOLN  
INTERFERON ALFA-2A 3,000,000 UNIT/0.5 ML SUBQ KIT  
INTERFERON ALFA-2A 3,000,000 UNIT/ML INJ SOLN  
INTERFERON ALFA-2A 36,000,000 UNIT/ML INJ SOLN  
INTERFERON ALFA-2A 6,000,000 UNIT/0.5 ML SUBQ KIT  
INTERFERON ALFA-2A 6,000,000 UNIT/ML INJ SOLN  
INTERFERON ALFA-2A 9,000,000 UNIT/0.5 ML SUBQ KIT  
INTERFERON ALFA-2A 9,000,000 UNIT/0.9 ML INJ SOLN  
INTERFERON ALFA-2A INJ  
INTERFERON ALFA-2A SUBQ  
INTERFERON ALFA-2A,RECOMB.  
INTERFERON ALFA-2B 10,000,000 UNIT INJ RECON SOLN  
INTERFERON ALFA-2B 10,000,000 UNIT/0.2 ML SUBQ PEN INJ  
KIT  
INTERFERON ALFA-2B 10,000,000 UNIT/ML INJ KIT  
INTERFERON ALFA-2B 10,000,000 UNIT/ML INJ SOLN

INTERFERON ALFA-2B 18,000,000 UNIT INJ RECON SOLN  
INTERFERON ALFA-2B 3,000,000 UNIT/0.2 ML SUBQ PEN INJ  
KIT  
INTERFERON ALFA-2B 3,000,000 UNIT/0.5 ML INJ KIT  
INTERFERON ALFA-2B 3,000,000 UNIT/0.5ML INJ SOLN  
INTERFERON ALFA-2B 5,000,000 UNIT/0.2 ML SUBQ PEN INJ  
KIT  
INTERFERON ALFA-2B 5,000,000 UNIT/0.5 ML INJ KIT  
INTERFERON ALFA-2B 5,000,000 UNIT/0.5 ML INJ SOLN  
INTERFERON ALFA-2B 50,000,000 UNIT INJ RECON SOLN  
INTERFERON ALFA-2B 6,000,000 UNIT/ML INJ SOLN  
INTERFERON ALFA-2B INJ  
INTERFERON ALFA-2B SUBQ  
INTERFERON ALFA-2B,RECOMB.  
INTERFERON ALFA-N3  
INTERFERON ALFA-N3 5,000,000 UNIT/ML INJ SOLN  
INTERFERON ALFA-N3 INJ  
INTERFERON GAMMA-1B 2,000,000 UNIT/0.5 ML SUBQ SOLN  
INTERFERON GAMMA-1B SUBQ  
INTERFERON GAMMA-1B,RECOMB.  
INTRON A INJ  
INTRON A SUBQ  
IRESSA ORAL  
IRINOTECAN 100 MG/5 ML IV SOLN  
IRINOTECAN 40 MG/2 ML IV SOLN  
IRINOTECAN 500 MG/25 ML IV SOLN  
IRINOTECAN HCL  
IRINOTECAN IV  
IXABEPILONE  
IXABEPILONE 15 MG IV RECON SOLN  
IXABEPILONE 45 MG IV RECON SOLN  
IXABEPILONE IV

IXEMPRA IV  
KIT FOR I-111/IBRITUMOMAB/ALBM  
KIT FOR INDIUM-111-IBRITUMOMAB 3.2 MG/2 ML IV KIT  
KIT FOR INDIUM-111-IBRITUMOMAB IV  
KIT FOR Y-90/IBRITUMOMAB/ALBMN  
KIT FOR YTTRIUM-90-IBRITUMOMAB 3.2 MG/2 ML IV KIT  
KIT FOR YTTRIUM-90-IBRITUMOMAB IV  
LAPATINIB 250 MG ORAL TAB  
LAPATINIB DITOSYLATE  
LAPATINIB ORAL  
LENALIDOMIDE  
LENALIDOMIDE 5 MG ORAL CAP  
LENALIDOMIDE 10 MG ORAL CAP  
LENALIDOMIDE 15 MG ORAL CAP  
LENALIDOMIDE 25 MG ORAL CAP  
LENALIDOMIDE ORAL  
LETROZOLE  
LETROZOLE 2.5 MG ORAL TAB  
LETROZOLE ORAL  
LEUKERAN ORAL  
LEUPROLIDE 7.5 MG IM INJ  
LEUPROLIDE 7.5 MG IM SYRINGE  
LEUPROLIDE 7.5 MG SUBQ SYRINGE  
LEUPROLIDE (3 MONTH) 22.5 MG IM INJ  
LEUPROLIDE (3 MONTH) 22.5 MG IM SYRINGE  
LEUPROLIDE (3 MONTH) IM  
LEUPROLIDE (4 MONTH) 30 MG IM INJ  
LEUPROLIDE (4 MONTH) 30 MG IM KIT  
LEUPROLIDE (4 MONTH) IM  
LEUPROLIDE 1 MG/0.2 ML SUBQ KIT  
LEUPROLIDE 1 MG/0.2 ML SUBQ SOLN  
LEUPROLIDE 120 MCG/24 HR IMPL KIT

LEUPROLIDE 22.5 MG SUBQ SYRINGE  
LEUPROLIDE 30 MG SUBQ SYRINGE  
LEUPROLIDE 40 MCG/0.2 ML INJ SOLN  
LEUPROLIDE 45 MG SUBQ SYRINGE  
LEUPROLIDE ACETATE  
LEUPROLIDE IM  
LEUPROLIDE IMPL  
LEUPROLIDE SUBQ  
LEUPROLIDE/LIDOCAINE HCL  
LEUSTATIN IV  
LEVAMISOLE HCL  
LEVAMISOLE ORAL  
LEVULAN TOP  
LOMUSTINE  
LOMUSTINE 10 MG ORAL CAP  
LOMUSTINE 40 MG ORAL CAP  
LOMUSTINE 10-40-100 MG ORAL CAP  
LOMUSTINE 100 MG ORAL CAP  
LOMUSTINE ORAL  
LUPRON DEPOT (3 MONTH) IM  
LUPRON DEPOT (4 MONTH) IM  
LUPRON DEPOT IM  
LUPRON SUBQ  
LYSODREN ORAL  
MATULANE ORAL  
MECHLORETHAMINE 0.015 % IN AQUAPHOR TOP OINT  
MECHLORETHAMINE 0.02 % IN ANHYDROUS TOP GEL  
MECHLORETHAMINE 0.03 % IN ANHYDROUS TOP GEL  
MECHLORETHAMINE 0.04 % IN ANHYDROUS TOP GEL  
MECHLORETHAMINE 0.04 % IN AQUAPHOR TOP OINT  
MECHLORETHAMINE 10 MG INJ RECON SOLN  
MECHLORETHAMINE HCL

MECHLORETHAMINE INJ  
MEGESTROL 20 MG ORAL TAB  
MEGESTROL 40 MG ORAL TAB  
MEGESTROL ACETATE  
MEGESTROL ORAL  
MELPHALAN  
MELPHALAN 2 MG ORAL TAB  
MELPHALAN 50 MG IV RECON SOLN  
MELPHALAN HCL  
MELPHALAN IV  
MELPHALAN ORAL  
MERCAPTOPYRINE  
MERCAPTOPYRINE 50 MG ORAL TAB  
MERCAPTOPYRINE ORAL  
METHOTREXATE 2.5 MG/ML ORAL SOLN  
METHOTREXATE LPF INJ  
METHOTREXATE NA (PRESERV FREE) 1 GRAM INJ RECON  
SOLN  
METHOTREXATE NA (PRESERV FREE) 100 MG INJ RECON  
SOLN  
METHOTREXATE NA (PRESERV FREE) 25 MG/ML INJ SOLN  
METHOTREXATE NA (PRESERV FREE) INJ  
METHOTREXATE SODIUM 2.5 MG ORAL TAB  
METHOTREXATE SODIUM 5 MG ORAL TAB  
METHOTREXATE SODIUM 7.5 MG ORAL TAB  
METHOTREXATE SODIUM 10 MG ORAL TAB  
METHOTREXATE SODIUM 15 MG ORAL TAB  
METHOTREXATE SODIUM 20 MG INJ RECON SOLN  
METHOTREXATE SODIUM 25 MG/ML INJ SOLN  
METHOTREXATE SODIUM 50 MG/ML INJ SYRINGE  
METHOTREXATE SODIUM INJ  
METHOTREXATE SODIUM/PF

METHOXSALLEN  
METHOXSALLEN 20 MCG/ML INJ SOLN  
METHOXSALLEN INJ  
MITOMYCIN  
MITOMYCIN 5 MG IV RECON SOLN  
MITOMYCIN 20 MG IV RECON SOLN  
MITOMYCIN 40 MG IV RECON SOLN  
MITOMYCIN IV  
MITOTANE  
MITOTANE 500 MG ORAL TAB  
MITOTANE ORAL  
MITOXANTRONE 2 MG/ML IV CONC  
MITOXANTRONE HCL  
MITOXANTRONE IV  
MUSTARGEN INJ  
MUTAMYCIN IV  
MYLERAN ORAL  
MYLOCEL ORAL  
MYLOTARG IV  
NAVELBINE IV  
NELARABINE  
NELARABINE 250 MG/50 ML IV SOLN  
NELARABINE IV  
NEOSAR IV  
NEXAVAR ORAL  
NILANDRON ORAL  
NILOTINIB 200 MG ORAL CAP  
NILOTINIB HYDROCHLORIDE  
NILOTINIB ORAL  
NILUTAMIDE  
NILUTAMIDE 50 MG ORAL TAB  
NILUTAMIDE 150 MG ORAL TAB

NILUTAMIDE ORAL  
NIPENT IV  
NOLVADEX ORAL  
NOVANTRONE IV  
ONCASPAR INJ  
ONTAK IV  
ONXOL IV  
OXALIPLATIN  
OXALIPLATIN 100 MG/20 ML IV SOLN  
OXALIPLATIN 200 MG/40 ML IV SOLN  
OXALIPLATIN 50 MG/10 ML (5 MG/ML) IV SOLN  
OXALIPLATIN IV  
PACLITAXEL 6 MG/ML IV CONC  
PACLITAXEL IV  
PACLITAXEL PROTEIN-BOUND  
PACLITAXEL,SEMI-SYNTHETIC  
PACLITAXEL-PROTEIN BOUND 100 MG IV RECON SOLN  
PACLITAXEL-PROTEIN BOUND IV  
PANITUMUMAB  
PANITUMUMAB 100 MG/5 ML IV SOLN  
PANITUMUMAB 200 MG/10 ML IV SOLN  
PANITUMUMAB 400 MG/20 ML IV SOLN  
PANITUMUMAB IV  
PANRETIN TOP  
PARAPLATIN IV  
PEGASPARGASE  
PEGASPARGASE 750 UNIT/ML IN STERILE DILUENT INJ SOLN  
SYRINGE PED (UW)  
PEGASPARGASE 750 UNIT/ML INJ SOLN  
PEGASPARGASE INJ  
PEMETREXED 100 MG IV RECON SOLN  
PEMETREXED 500 MG IV RECON SOLN

PEMETREXED DISODIUM  
PEMETREXED IV  
PENTOSTATIN  
PENTOSTATIN 10 MG IV RECON SOLN  
PENTOSTATIN IV  
PHOTOFRIN IV  
PLATINOL AQ IV  
PLENAXIS IM  
PLICAMYCIN  
PLICAMYCIN INJ  
PORFIMER 75 MG IV RECON SOLN  
PORFIMER IV  
PORFIMER SODIUM  
PROCARBAZINE 50 MG ORAL CAP  
PROCARBAZINE HCL  
PROCARBAZINE ORAL  
PROLEUKIN IV  
PURINETHOL ORAL  
REVLIMID ORAL  
RITUXAN IV  
RITUXIMAB  
RITUXIMAB 10 MG/ML IV CONC  
RITUXIMAB IV  
ROFERON-A SUBQ  
SOLARAZE TOP  
SOLTAMOX ORAL  
SORAFENIB 200 MG ORAL TAB  
SORAFENIB ORAL  
SORAFENIB TOSYLATE  
SPRYCEL ORAL  
STREPTOZOCIN  
STREPTOZOCIN 1 GRAM IV RECON SOLN

STREPTOZOCIN IV

STUDY A6181094: BEVACIZUMAB

STUDY A6181094: SUNITINIB 12.5 MG ORAL CAP

STUDY AVF-3770: BEVACIZUMAB

STUDY AVF3671G DRUG B: ERLOTINIB 150 MG ORAL TAB

STUDY AVF3671G: BEVACIZUMAB

STUDY AVF4096G: BEVACIZUMAB

STUDY AVF4167G: BEVACIZUMAB

STUDY B-41: LAPATINIB 250 MG ORAL TAB

STUDY B-44: BEVACIZUMAB

STUDY C-10: BEVACIZUMAB

STUDY CALGB 10501: RITUXIMAB

STUDY CALGB 30406: ERLOTINIB 100 MG ORAL TAB

STUDY CALGB 30406: ERLOTINIB 150 MG ORAL TAB

STUDY CALGB 30406: ERLOTINIB 25 MG ORAL TAB

STUDY CALGB 30602: DASATINIB 20 MG ORAL TAB

STUDY CALGB 30602: DASATINIB 50 MG ORAL TAB

STUDY CALGB 30704: SUNITINIB 12.5 MG ORAL CAP

STUDY CALGB 30704: SUNITINIB 25 MG ORAL CAP

STUDY CALGB 30704: SUNITINIB 50 MG ORAL CAP

STUDY CALGB 50401: LENALIDOMIDE 5 MG ORAL CAP

STUDY CALGB-40302: FULVESTRANT 250 MG/ 5 ML IM  
SYRINGE

STUDY CALGB-40302: LAPATINIB 250 MG ORAL TAB OR  
PLACEBO

STUDY CALGB50501: BORTEZOMIB 3.5 MG

STUDY CALGB50501: LENALIDOMIDE 5 MG ORAL CAP

STUDY CALGB80405: CETUXIMAB

STUDY COG AALL0434: NELARABINE

STUDY E-2805: SORAFENIB 200 MG ORAL TAB OR PLACEBO

STUDY E-2805: SUNITINIB 12.5 MG ORAL CAP OR PLACEBO

STUDY E1505: BEVACIZUMAB

STUDY E1697: INTERFERON ALFA-2B INJ  
STUDY E1A05: BORTEZOMIB  
STUDY E1A05: LENALIDOMIDE 5 MG ORAL CAP  
STUDY E1A06: LENALIDOMIDE 5 MG ORAL CAP  
STUDY E2603: SORAFENIB (BAY 43-9006) 200 MG ORAL TAB  
OR PLACEBO  
STUDY E5103 ARM A, B AND C: BEVACIZUMAB OR PLACEBO  
STUDY E5103 ARM D: BEVACIZUMAB  
STUDY E5202: BEVACIZUMAB  
STUDY E5204: BEVACIZUMAB  
STUDY E5204: OXALIPLATIN  
STUDY FB-5: BEVACIZUMAB  
STUDY GOG 0218: BEVACIZUMAB OR PLACEBO  
STUDY IBCSG 24-02: EXEMESTANE 25 MG ORAL TAB  
STUDY IBCSG 24-02: TRIPTORELIN 3.75 MG IM RECON SUSP  
STUDY ML18491B: CAPECITABINE 500 MG ORAL TAB  
STUDY N0147: CETUXIMAB  
STUDY N0147: OXALIPLATIN  
STUDY NSABP B-40: BEVACIZUMAB  
STUDY NSABP B-40: CAPECITABINE 150 MG ORAL TAB  
STUDY NSABP B-40: CAPECITABINE 500 MG ORAL TAB  
STUDY NSABP B-40: GEMCITABINE  
STUDY NSABP B-42: LETROZOLE 2.5 MG ORAL TAB FOR  
REGISTRATION ARM  
STUDY NSABP B-42: LETROZOLE 2.5 MG ORAL TAB OR  
PLACEBO  
STUDY NSABP R-04: CAPECITABINE 150 MG ORAL TAB  
STUDY NSABP R-04: CAPECITABINE 500 MG ORAL TAB  
STUDY NSABP R-04: OXALIPLATIN  
STUDY OSI 3364G DRUG A: BEVACIZUMAB OR PLACEBO  
STUDY OSI 3364G DRUG B: ERLOTINIB 150 MG ORAL TAB  
STUDY OSI 3995G DRUG A: BEVACIZUMAB OR PLACEBO  
STUDY RENAL CELL - BAY: SORAFENIB 200MG

STUDY RTOG-0617: CETUXIMAB  
STUDY S0518: BEVACIZUMAB  
STUDY S0636: BEVACIZUMAB  
STUDY S0636: ERLOTINIB 100 MG ORAL TAB  
STUDY S0636: ERLOTINIB 150 MG ORAL TAB  
STUDY S0636: ERLOTINIB 25 MG ORAL TAB  
STUDY TDM 4374G: TRASTUZUMAB-MCC-DM1  
STUDY TEAR: METHOTREXATE 10MG  
STUDY TK001: PACLITAXEL PROTEIN BOUND  
STUDY UCSF-04458: BEVACIZUMAB  
STUDY UCSF-04458: OXALIPLATIN  
SUNITINIB 12.5 MG ORAL CAP  
SUNITINIB 25 MG ORAL CAP  
SUNITINIB 50 MG ORAL CAP  
SUNITINIB MALATE  
SUNITINIB ORAL  
SUTENT ORAL  
TAMOXIFEN 10 MG ORAL TAB  
TAMOXIFEN 10 MG/5 ML ORAL SOLN  
TAMOXIFEN 20 MG ORAL TAB  
TAMOXIFEN CITRATE  
TAMOXIFEN ORAL  
TARABINE PFS INJ  
TARCEVA ORAL  
TARGRETIN ORAL  
TARGRETIN TOP  
TASIGNA ORAL  
TAXOL IV  
TAXOTERE IV  
TEMODAR IV  
TEMODAR ORAL  
TEMOZOLOMIDE

TEMOZOLOMIDE 5 MG ORAL CAP  
TEMOZOLOMIDE 20 MG ORAL CAP  
TEMOZOLOMIDE 100 MG IV RECON SOLN  
TEMOZOLOMIDE 100 MG ORAL CAP  
TEMOZOLOMIDE 140 MG ORAL CAP  
TEMOZOLOMIDE 180 MG ORAL CAP  
TEMOZOLOMIDE 250 MG ORAL CAP  
TEMOZOLOMIDE IV  
TEMOZOLOMIDE ORAL  
TEMSIROLIMUS  
TEMSIROLIMUS 25 MG/ML IV RECON SOLN  
TEMSIROLIMUS IV  
TENIPOSIDE  
TENIPOSIDE 10 MG/ML IV SOLN  
TENIPOSIDE IV  
TESLAC ORAL  
TESTOLACTONE  
TESTOLACTONE 50 MG ORAL TAB  
TESTOLACTONE ORAL  
THERACYS IVES  
THIOGUANINE  
THIOGUANINE 40 MG ORAL TAB  
THIOGUANINE ORAL  
THIOPLEX INJ  
THIOTEPA  
THIOTEPA 15 MG INJ RECON SOLN  
THIOTEPA 30 MG INJ RECON SOLN  
THIOTEPA INJ  
TICE BCG IVES  
TOPOSAR IV  
TOPOTECAN 0.25 MG ORAL CAP  
TOPOTECAN 1 MG ORAL CAP

TOPOTECAN 4 MG IV RECON SOLN  
TOPOTECAN HCL  
TOPOTECAN IV  
TOPOTECAN ORAL  
TOREMIFENE 60 MG ORAL TAB  
TOREMIFENE CITRATE  
TOREMIFENE ORAL  
TORISEL IV  
TOSITUMOMAB  
TOSITUMOMAB 14 MG/ML IV SOLN  
TOSITUMOMAB AND IODINE-131 0.61 MCI/ML IV SOLN  
TOSITUMOMAB AND IODINE-131 5.6 MCI/ML IV SOLN  
TOSITUMOMAB AND IODINE-131 IV  
TOSITUMOMAB IODINE-131  
TOSITUMOMAB IV  
TRASTUZUMAB  
TRASTUZUMAB 440 MG IV RECON SOLN  
TRASTUZUMAB IV  
TREANDA IV  
TRELSTAR DEPOT IM  
TRELSTAR LA IM  
TRETINOIN  
TRETINOIN (CHEMOTHERAPY) 10 MG ORAL CAP  
TRETINOIN (CHEMOTHERAPY) ORAL  
Trexall ORAL  
TRIPTORELIN PAMOATE  
TRIPTORELIN PAMOATE 3.75 MG IM RECON SUSP  
TRIPTORELIN PAMOATE 3.75 MG IM SYRINGE  
TRIPTORELIN PAMOATE 11.25 MG IM RECON SUSP  
TRIPTORELIN PAMOATE 11.25 MG IM SYRINGE  
TRIPTORELIN PAMOATE IM  
TRISENOX IV

TYKERB ORAL  
URACIL MUSTARD  
URACIL MUSTARD 1 MG ORAL CAP  
URACIL MUSTARD ORAL  
UVADEX INJ  
VALRUBICIN  
VALRUBICIN 40 MG/ML IVES SOLN  
VALRUBICIN IVES  
VALSTAR IVES  
VECTIBIX IV  
VELCADE IV  
VEPESID IV  
VEPESID ORAL  
VESANOID ORAL  
VIADUR IMPL  
VIDAZA SUBQ  
VINBLASTINE 1 MG/ML IN NS IV SYRINGE PED  
VINBLASTINE 1 MG/ML IN SW IV SYRINGE PED  
VINBLASTINE 1 MG/ML IV SOLN  
VINBLASTINE 10 MG IV RECON SOLN  
VINBLASTINE IV  
VINBLASTINE SULFATE  
VINCASAR PFS IV  
VINCRISTINE 1 MG/ML IN STERILE DILUENT IV SYRINGE  
(UW)  
VINCRISTINE 1 MG/ML IV SOLN  
VINCRISTINE 1 MG/ML IV SOLN  
VINCRISTINE 1 MG/ML IV SYRINGE  
VINCRISTINE 2 MG/2 ML IV SOLN  
VINCRISTINE IV  
VINCRISTINE SULFATE  
VINOURELBINE 10 MG/ML IV SOLN

VINORELBINE 50 MG/5 ML IV SOLN  
VINORELBINE IV  
VINORELBINE TARTRATE  
VORINOSTAT  
VORINOSTAT 100 MG ORAL CAP  
VORINOSTAT ORAL  
VUMON IV  
XELODA ORAL  
ZANOSAR IV  
ZEVALIN (IN-111) IV  
ZEVALIN (Y-90) IV  
ZOLADEX SUBQ  
ZOLINZA ORAL

## II. Antiarthritics

### Medication Name

PENICILLAMINE 125 MG ORAL CAP  
PENICILLAMINE 250 MG ORAL CAP  
PENICILLAMINE 250 MG ORAL TAB  
METHOTREXATE SODIUM 2.5 MG ORAL DOSE PK TAB  
ANAKINRA  
ANAKINRA 100 MG/0.67 ML SUBQ SYRINGE  
ADALIMUMAB  
ADALIMUMAB 20 MG/0.4 ML SUBQ KIT  
ADALIMUMAB 40 MG/0.8 ML SUBQ KIT  
ADALIMUMAB 40 MG/0.8 ML SUBQ PEN INJ KIT  
ENBREL SUBQ  
ETANERCEPT  
ETANERCEPT 25 MG SUBQ KIT  
ETANERCEPT 25 MG/0.5ML (0.51) SUBQ SYRINGE  
ETANERCEPT 50 MG/ML (0.98 ML) SUBQ PEN INJECTOR  
ETANERCEPT 50 MG/ML (0.98 ML) SUBQ SYRINGE  
HUMIRA SUBQ  
LEFLUNOMIDE  
LEFLUNOMIDE 10 MG ORAL TAB  
LEFLUNOMIDE 20 MG ORAL TAB  
METHOTREXATE SODIUM  
METHOTREXATE SODIUM ORAL  
PENICILLAMINE  
AURANOFIN  
AURANOFIN 3 MG ORAL CAP  
AUROTHIOGLUCOSE  
GOLD SODIUM THIOMALATE  
GOLD SODIUM THIOMALATE 50 MG/ML INJ SOLN  
ABATACEPT 250 MG IV RECON SOLN  
ABATACEPT/MALTOSE

### III. Immunosuppressants

#### Medication Name

AZASAN ORAL

AZATHIOPRINE

AZATHIOPRINE 50 MG ORAL TAB

AZATHIOPRINE 75 MG ORAL TAB

AZATHIOPRINE 100 MG ORAL TAB

AZATHIOPRINE ORAL

AZATHIOPRINE SODIUM

AZATHIOPRINE SODIUM 100 MG INJ RECON SOLN

AZATHIOPRINE SODIUM INJ

BASILIXIMAB

BASILIXIMAB 10 MG IV RECON SOLN

BASILIXIMAB 20 MG IV RECON SOLN

BASILIXIMAB IV

CELLCEPT INTRAVENOUS IV

CELLCEPT ORAL

CYCLOSPORINE 25 MG ORAL CAP

CYCLOSPORINE 100 MG ORAL CAP

CYCLOSPORINE 100 MG/ML ORAL SOLN

CYCLOSPORINE 100 MG/ML ORAL SOLN

CYCLOSPORINE 100 MG/ML ORAL SOLN SYRINGE PED (UW)

CYCLOSPORINE 2% EYE DROPS

CYCLOSPORINE 250 MG/5 ML IV SOLN

CYCLOSPORINE IV

CYCLOSPORINE MODIFIED 25 MG ORAL CAP

CYCLOSPORINE MODIFIED 50 MG ORAL CAP

CYCLOSPORINE MODIFIED 100 MG ORAL CAP

CYCLOSPORINE MODIFIED 100 MG ORAL CAP (GENGRAF)  
(UW)

CYCLOSPORINE MODIFIED 100 MG ORAL CAP (NEORAL)  
(UW)

CYCLOSPORINE MODIFIED 100 MG/ML ORAL SOLN  
CYCLOSPORINE MODIFIED 100 MG/ML ORAL SOLN  
CYCLOSPORINE MODIFIED 100 MG/ML ORAL SOLN  
(GENGRAF) (UW)  
CYCLOSPORINE MODIFIED 100 MG/ML ORAL SOLN  
(NEORAL) (UW)  
CYCLOSPORINE MODIFIED 25 MG ORAL CAP (GENGRAF)  
(UW)  
CYCLOSPORINE MODIFIED 25 MG ORAL CAP (NEORAL) (UW)  
CYCLOSPORINE MODIFIED ORAL  
CYCLOSPORINE ORAL  
CYCLOSPORINE, MODIFIED  
DACLIZUMAB  
DACLIZUMAB 5 MG/ML IV CONC  
DACLIZUMAB IV  
GENGRAF ORAL  
IMURAN INJ  
IMURAN ORAL  
MUROMONAB CD3 1 MG/ML IV INJ  
MUROMONAB CD3 IV  
MUROMONAB-CD3  
MYCOPHENOLATE MOFETIL  
MYCOPHENOLATE MOFETIL 200 MG/ML ORAL RECON SUSP  
MYCOPHENOLATE MOFETIL 200 MG/ML ORAL SUSR  
SYRINGE PED (UW)  
MYCOPHENOLATE MOFETIL 250 MG ORAL CAP  
MYCOPHENOLATE MOFETIL 500 MG ORAL TAB  
MYCOPHENOLATE MOFETIL HCL  
MYCOPHENOLATE MOFETIL HCL 500 MG IV RECON SOLN  
MYCOPHENOLATE MOFETIL HCL IV  
MYCOPHENOLATE MOFETIL ORAL  
MYCOPHENOLATE SODIUM  
MYCOPHENOLATE SODIUM 180 MG ORAL TBEC DR TAB

MYCOPHENOLATE SODIUM 360 MG ORAL TBEC DR TAB  
MYCOPHENOLATE SODIUM ORAL  
MYFORTIC ORAL  
NEORAL ORAL  
ORTHOCLONE OKT3 IV  
PROGRAF IV  
PROGRAF ORAL  
RAPAMUNE ORAL  
SANDIMMUNE IV  
SANDIMMUNE ORAL  
SIMULECT IV  
SIROLIMUS  
SIROLIMUS 1 MG ORAL TAB  
SIROLIMUS 1 MG/ML ORAL SOLN  
SIROLIMUS 1 MG/ML ORAL SOLN SYRINGE PED (UW)  
SIROLIMUS 2 MG ORAL TAB  
SIROLIMUS ORAL  
TACROLIMUS 0.5 MG ORAL CAP  
TACROLIMUS 1 MG ORAL CAP  
TACROLIMUS 1 MG/ML ORAL SUSP  
TACROLIMUS 5 MG ORAL CAP  
TACROLIMUS 5 MG/ML IV SOLN  
TACROLIMUS ANHYDROUS  
TACROLIMUS IV  
TACROLIMUS ORAL  
ZENAPAX IV

**eTable 1. ICD-9 Codes and Diagnosis of 13 Indicator Conditions**

<b>ICD -9</b>	<b>Diagnosis</b>	<b>Diagnosis</b>
2141	Lipoma Skin NEC	Lipomas
2148	Lipoma NEC	
2149	Lipoma NOS	
2740	Gouty Arthropathy	Gout
2749	Gout NOS	
37300	Blepharitis NOS	Eyelid disorders
3732	Chalazion	
37311	Hordeolum Externum	
4519	Thrombophlebitis NOS	Thrombosis
4538	Venous Thrombosis NEC	
4539	Venous Thrombosis NOS	
4550	Int Hemorrhoid w/o Compl	Hemorrhoids
4552	Int Hemorrhoid w Comp NEC	
4553	Ext Hemorrhoid w/o Compl	
4556	Hemorrhoids NOS	
5920	Calculus of Kidney	Renal stones
5929	Urinary Calculus NOS	
7880	Renal Colic	
7030	Ingrowing Nail	Ingrown nail
7847	Epistaxis	Epistaxis
8820	Open Wound of Hand	Wound of hand or finger
8830	Open Wound of Finger	
8831	Open Wound Finger-compl	
8832	Open Wnd Finger w Tendon	
3669	Cataract NOS	Cataracts
36610	Senile Cataract NOS	
36614	Post Subcap Senile Catar	
36616	Senile Nuclear Cataract	
36617	Mature Cataract	
36619	Senile Cataract NEC	
57400	Cholelith w Ac Cholecyst	Cholelithiasis and cholecystitis
57410	Cholelith w Cholecys NEC	
57510	Cholecystitis NOS	
81305	Fx Radius Head-closed	Wrist fracture
81323	Fx Shaft Rad w Ulna-clos	
81341	Colles' Fracture-closed	
81342	Fx Distal Radius NEC-cl	
81344	Fx Low Radius w Ulna-cl	
81381	Fx Radius NOS-closed	
82000	Fx Femur Intrcaps NOS-cl	Hip fracture
82001	Fx Up Femur Epiphy-clos	
82002	Fx Femur, Midcervic-clos	
82003	Fx Base Femoral Nck-clos	
8208	Fx Neck of Femur NOS-cl	
8209	Fx Neck of Femur NOS-opn	
82009	Fx Femur Intrcaps NEC-cl	

<b>ICD -9</b>	<b>Diagnosis</b>	<b>Diagnosis</b>
82010	Fx Femur Intrcap NOS-open	
82011	Fx Up Femur Epiphy-open	
82012	Fx Femur, Midcervic-open	
82013	Fx Base Femoral Nck-open	
82019	Fx Femur Intrcap NEC-open	

**eTable 2.** Comparison of Incidence Rates of 13 Indicator Conditions Between the Vaccinated and Unvaccinated Population

Indicator Conditions	Vaccinated Group (n=75761)		Unvaccinated Group (n=227283)		P Value	Rate Ratio (95% CI)
	No. of Cases/Total No. of Person-years	Incidence Rate (95% CI)	No. of Cases/Total No. of Person-years	Incidence Rate (95% CI)		
Hip fracture	237/130 937.62	1.81 (1.59-2.06)	811/359 676.22	2.25 (2.10-2.42)	.00	0.80 (0.69-0.93)
Thrombosis	171/131 015.82	1.31 (1.12-1.52)	623/359 851.70	1.73 (1.60-1.87)	.00	0.75 (0.64-0.89)
Gout	1947/128 919.90	15.10 (14.44-15.79)	6886/352 565.29	19.53 (19.07-20.00)	.00	0.77 (0.74-0.81)
Cholelithiasis/cholecystitis	401/130 731.55	3.07 (2.77-3.38)	1114/359 268.38	3.10 (2.92-3.29)	.85	0.99 (0.88-1.11)
Wrist fracture	471/130 667.30	3.60 (3.29-3.95)	1172/359 223.92	3.26 (3.08-3.45)	.07	1.10 (0.99-1.23)
Renal stone	1213/129 863.07	9.34 (8.82-9.88)	3349/356 847.16	9.38 (9.07-9.71)	.89	1.00 (0.93-1.06)
Epistaxis	1025/130 155.34	7.88 (7.40-8.37)	2513/357 889.09	7.02 (6.00-7.30)	.00	1.12 (1.04-1.21)
Lipomas	1066/130 105.65	8.19 (7.71-8.70)	2457/357 925.65	6.86 (6.60-7.14)	.00	1.19 (1.11-1.28)
Eyelid disorder	3744/127 224.24	29.43 (28.49-30.39)	7895/352 454.00	22.40 (21.91-22.90)	.00	1.31 (1.26-1.37)
Cataract	19730/108 180.94	182.38 (179.84-184.94)	46609/309 964.28	150.37 (142.58-145.26)	.00	1.21 (1.19-1.23)
Ingrown nail	2133/128 849.29	16.55 (15.88-17.27)	4716/355 579.93	13.26 (12.89-13.65)	.00	1.25 (1.19-1.31)
Wound of and or finger	806/130 360.33	6.18 (5.76-6.62)	1759/358 635.53	4.90 (4.68-5.14)	.00	1.26 (1.16-1.37)
Hemorrhoids	6790/123 826.30	54.83 (53.54-56.15)	13184/347 299.08	37.96 (37.32-38.62)	.00	1.44 (1.40-1.49)