

What is **Changed or New** for the RxFiles?

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









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Feb-May 2018	<p>NEW guidelines: ACG'18 Crohn's disease in Adults ACIP'18 Adult & Child Vaccine Recommendations ACP'18 A1C^{targets} for Nonpregnant adult Type 2 diabetes AHA/ASA'18 Acute Ischemic Stroke APA'18 Alcohol Use Disorder ASCO'17 Antiemetics Guideline CADDRA'18 Canadian ADHD 4th Edition Guide Diabetes Canada Guidelines'18 Endocrine Soc'18: Testosterone tx-male Hypogonadism Hypertension Canada'18 Adult/Children & Pregnancy KDIGO'17 Chronic Kidney Disease-Mineral & Bone Dx</p>	<p>◆ New CDN: Addyi for female sexual desire Adyline for diabetes Akynzeo for nausea Mavencad for multiple sclerosis Ozanem for impetigo Ozempic for diabetes Trumenba for meningitis Xiidra for dry eyes</p> <p>◆ New FDA: Biktarvy for HIV</p>	<p>◆ Sask. SPDP some changes -Full: Benzotropine 1mg, Ciclopirox & Methotrexate SC inj; -EDS: Erelzi (generic Enbrel), Invega Trinza, Ravicti, Taltz, Upravi & Vosevi.</p> <p>◆ new NIHB: -Full: Enstilar, Entocort 3mg, magnesium oxide 835mg & methotrexate SC inj; -EDS: Entyvio, Rotigotine, Tatum, tenofovir & Xigduo.</p> <p>◆ Odyssey ACC'18: Alirocumab over 2.8yrs in ACS pts ↓all-cause death: 4.1 to 3.5% ◆ Cares: Allopurinol or febuxostat in gout+CVD pts: ↑all-cause death with febuxostat ◆ Impact: Trelegy in COPD had ↓exacerbations but ↑ pneumonia, many on previous ICS vs (Breo or Anoro) ◆ new generics: budesonide nebs, Coversyl Plus, hydralazine, perindopril, Suboxone & ziprasidone. (Lower Pan-Canadian prices: amlodipine, metformin, rabeprazole, rosuvastatin...)</p>
Jan 2018	<p>◆ NEW guidelines: ACC/AHA'17 Hypertension in Adults ACC'17 Manage Bleeding on Oral Anticoagulants ADA'18 American Diabetes Guidelines CCS'18 Antiplatelet Therapy Focused Update CTS'17 COPD Pharmacotherapy SOGC '18 Overactive Bladder Pharmacotherapy USPSTF'17 HRT Primary Prevention-Chronic Conditions VA/DoD'17 American Type 2 Diabetes</p>	<p>◆ New CDN: Entuzity insulin for diabetes Foquest for ADHD Glatect for multiple sclerosis Tremfya for plaque psoriasis</p> <p>◆ New FDA: Admelog insulin for diabetes Juluca for HIV Ozempic for diabetes (semaglutide) Steglatro for diabetes (ertugliflozin)</p>	<p>◆ Sask. SPDP some changes -Full: Basaglar, Enstilar, Humalog Kwikpen 200 IU/mL, M-Ediat IR & Truvada</p> <p>◆ Tardis: triple antiplatelet therapy (ASA+clopidogrel+dipyridamole) NS vs standard (clopidogrel or ASA+dipyridamole) for stroke, but had ↑ major bleeding ◆ VERO: ↓ fractures with teriparatide vs risedronate in severe PMO osteoporosis</p> <p>◆ new generics: metformin ER, desvenlafaxine</p>
June-Dec 2017	<p>◆ NEW guidelines: AACE'17 for menopause ACC'17 for Non-statin LDL lowering ACC'17 for Syncope ACC'17 for Heart Failure Update ACG / CAG Management of Dyspepsia ACR'17 Osteoporosis-Glucocorticoid Induced ACR'17 Perioperative Management of DMARDs Canadian Schizophrenia Guidelines 2017 CCS'17 Canadian Heart Failure Drugs in Pregnancy & Lactation Eleventh Edition 2017 ESC'17 Guidelines for DAPT, PAD & MI.</p>	<p>◆ New CDN: Duavive for vasomotor HRT Erelzi is biosimilar etanercept Mavret & Vosevi for hepatitis C Ocrevus for multiple sclerosis Shingrix for shingles vaccine Tresbia is insulin degludec Viberzi for IBS-D Vemlidy for hepatitis b</p> <p>◆ New FDA: Bevyxxa for VTE prophylaxis Mavyret & Vosevi for hepatitis C Trelegy^{Ellipta} triple therapy for COPD</p> <p>◆ ↑ cost: Dipentum & Zaditen ◆ ↓ cost: flecainide, gliclazide, Truvada</p>	<p>◆ Sask. SPDP some changes -Full: Cyklokapron, Monurol, Proglycem, Synthroid 137mcg & TactuPump Forte -EDS: Brenzys, Campral, Grastofil, Fentanyl 37ug patch, Genvoya, Jadenu, Neupro, Revia, Salagen, Rilutek & Xigduo</p> <p>◆ new NIHB: -Full: Abilify Maintena, Aptivus, Arnuity, Celebrex, Celsentri, Intelence, Isentress, Revia, Triumeq & Zeldox -EDS: Breo Ellipta, Daklinza, Dicletel, Entresto, Epclusa, Foxiga, Inspra, Jentadueto, Modulon, Myrbetriq, Prevacid Fastab, Strattera, Viread, & Zepatier</p> <p>◆ Canvas: canagliflozin ↓CV events, but ↑ amputations (ie. toe or metatarsal) ◆ RE-DUAL PCI: dabigatran & clopidogrel- ↓bleed vs triple therapy with warfarin ◆ Compass: Rivaroxaban 2.5mg bid + ASA ↓CV but ↑ bleeding in 2^o CAD prevention ◆ Exscl: Exenatide 2mg SC weekly had non-significant CV benefit vs placebo ◆ new generics: Atripla, Avandia, caspofungin, clonidine, deferasirox, Dicletin, Enbrel (with Brenzys), hydralazine, phenytoin, Sporanox, Truvada & Viread</p>
Apr-May 2017	<p>◆ NEW guidelines: ACP'17 Low Back Pain ACP'17 Osteoporosis Guidelines ACP & AAFP'17 Hypertension for Adults ≥ 60yrs AHA'17 Management of Valvular Heart Disease CHEP'17: Canadian Hypertension Guidelines CDN'17 Opioid Therapy & Chronic Noncancer Pain CUA'17 Adult Overactive Bladder</p>	<p>◆ New CDN: Cinqair for asthma, Enstilar for psoriasis, FIAST for diabetes (rapid insulin), Glyxambi for diabetes, Lancora for heart failure, Mictoryl for urinary incontinence, Odefsey for HIV, &</p>	<p>◆ Sask. SPDP some changes -EDS: Acyclovir susp, Entresto, Entyvio, Plegridy & for hepatitis (Daklinza, Epclusa, Sunvepra & Zepatier),</p> <p>◆ Einstein-Choice: extended rivaroxaban better than ASA at ↓ recurrent VTE events ◆ Fourier: evolocumab PCSK9 antibody ↓CV events 11.3 vs 9.8% over 2.2yr, not mortality ◆ Topic: after 1 month of DAPT in ACS with ticagrelor or prasugrel, & ASA, switch to clopidogrel ↓bleed ◆ Trinity: Triple COPD tx (beclomethasone, formoterol & glycopyrronium) > tiotropium</p>

	<p>SOGC'17 Combined Hormonal Contraception</p>	<p>Rexulti for schizophrenia. ◆ new generics: Cellcept, Exelon patch, Olmetec, Omnaris, Reyataz & Sinemet IR. ◆ New FDA: Ocrevus for MS (RRMS & PPMS) ◆ ↑ cost: cabergoline</p>	<p>◆ Trust: levothyroxine no apparent benefit, older pts with subclinical hypothyroidism ◆ TT trials: testosterone improves hemoglobin & BMD, but ↑ total CV plaque ◆ ↓cost: amlodpine, atazanavir, atorvastatin, cholestyramine, clopidogrel, Eplclusa, fluoxetine liquid, gliclazide MR, indomethacin, modafinil, olmesartan, pantoprazole, ramipril, rosiglitazone, simvastatin, Sunvepra & Zepatier.</p>
<p>Jul 2016- Mar 2017</p>	<p>◆ NEW guidelines: AASLD'16 American Chronic Hepatitis B ACG'17 H. pylori ACP '16 Gout ACP'16 Insomnia ACP'17 Back Pain ADA 2017: Diabetes AHA'16 Drugs that Exacerbate Heart Failure AHA'16 Drugs that Interact with Statins AAN'16: Restless Leg Syndrome ATA'16 American Hyperthyroid Canadian Opioid DRAFT Guideline 2017 CANMAT'16 Canadian Major Depression CCS'16 Atrial Fibrillation Update CCS'16 Canadian Dyslipidemia Gold: COPD 2017 Guidelines H. Pylori Tortonto Consensus 2016 IAS-USA'16 Adult HIV NACI'16: Prevnar for ≥ 65yrs SOGC'16: Nausea & Vomiting in Pregnancy</p>	<p>◆ New CDN: Blexten & Rupall an antihistamine, Brenzys (etanercept) for RA, Brivlera for epilepsy, Descovy- HIV, Copaxone for 3x per week dosing, Eplclusa & Sunvepra for hepatitis C, Invega Trinza for schizophrenia, Invokamet for diabetes, Kevzara for rheumatoid arthritis, Lixiana (edoxaban) for a fib/PE, Natesto for andropause, Praluent for cholesterol, Stelara for Crohn's disease, Synjardy for diabetes, Taltz for plaque psoriasis, Viberzi for IBS, Zinbryta for multiple sclerosis. ◆ new generics & ↓cost: Baraclude, Bezalip, Fosavance, Inflectra, levetiracetam, Meltz, Micronor, Nasacort, Nasonex, Omnairs, quetiapine, rasagiline, Seasonale, Sensipar & Tamiflu. ◆ ↑ cost: Anafranil, Aventyl. ◆ New FDA: Relistor orally, Stelara for Crohn's</p>	<p>◆ Sask. SPDP some changes -Full: Arnuity Ellipta, Backup Plan Onestep & Plan B, Tecta -EDS: Cosentyx, Forxiga, Ofev, Simponi IV, Xolair, Zaxine ◆ new NIHB: -Full: alendronate, ezetimibe, Fosavance, levetiracetam, risedronate, solifenacin & tolterodine LA, -EDS: Actemra, Aptiom, Breo & Incruse Ellipta, Cosentyx, Dapagliflozin, Duaklir Genuair, Inflectra, Inspiolto & Spiriva Respimat. Jardiance, Orencia, Xeljanz. ◆ LEADER: Liraglutide vs placebo in T2DM-↓CV events & weight, but ↑ GI events ◆ PEGASUS-TIMI 54: Ticagrelor vs placebo with prior MI-↓CV events but ↑ bleed ◆ PRECISION: celecoxib was non-inferior to naproxen & ibuprofen for CV safety ◆ PIONEER AF-PCI: rivaroxaban ≤15mg OD + clopidogrel <u>or</u> riva 2.5mg bid + DAPT, had ↓bleeding than warfarin + DAPT (triple therapy) tx</p>
<p>Mar 2016- Jun 2016</p>	<p>◆ NEW guidelines: American JAAD'16 Acne guideline American ACC'16 Role of Non-Statins in CVD Risk American ACC/AHA'16 Update: Heart Failure American APA'16 Antipsychotics: agitation with Dementia American AACE/ACE'16 Obesity Medical Care Canadian Hypertension: CHEP'16 Canadian CDA'16 Diabetes Update: Flozins etc. CDC'16 Prescribing Opioids for Chronic Pain Chest'16 VTE guideline-DOAC's option USPSTF'16 ASA Primary Prevention CVD/Cancer</p>	<p>◆ New CDN: Bydureon for diabetes, Lunesta for sleeping, Praxbind for reversing dabigatran, Trulicity & Xiguo for diabetes, Zerbaxa for infection. ◆ new generics & ↓cost: abacavir, alfuzosin, Clindoxyl, duloxetine, efavirenz, Estrace, Kivexa & Valcyte. ◆ New FDA: Descovy & Odefsey for HIV. Nuplazid for psychosis with Parkinsons Zinbryta for MS</p>	<p>◆ Sask. SPDP some changes -EDS: For COPD: Duaklir Genuair, Incruse Ellipta, Inspiolto Respimat & Spiriva Respimat; Actemra^{SC}, Fibrystal, Inflectra, Jardiance, Lemtrada, Prezcoibix, Vyvanse^{10mg} & Xeljanz. ◆ new NIHB: -Full: Climara Pro, Isosrbid mononitrate, moxifloxacin & Plan B. -EDS: Diastat, Fosrenol, Invokana & Pennsaid. ◆ FLAME: LAMA+LABA^{Utiibro} less AECOPD than LABA+ICS^{Advair} in COPD ◆ IRIS: Pioglitazone post TIA/stroke (↓stroke/diabetes but ↑weight/edema/fractures) ◆ Socrates: Ticagrelor in acute ischemic stroke/TIA: not superior to ASA to ↓stroke ◆ Summit: Fluticasone + vilanterol in high CV risk COPD pts, did not ↓mortality ◆ Over the Counter^{OTC} – Advil 12hr, Flonase & Nexium</p>
<p>Jun 2015- Feb-2016</p>	<p>◆ NEW guidelines: ACIP'16 USA Adult & Pediatric Vaccine Guides ACOG'15 Emergency Contraception ACOG'15 Nausea and Vomiting of Pregnancy American Diabetes Association Update 2016 American Geriatrics Society 2015 Beers Update American ACR'15: Rheumatoid Arthritis American –ASBMR'16-Bisphosphonates long term ATA'15 Thyroid Nodules CDN'15 Acne Guidelines</p>	<p>◆ New CDN: Arnuity Ellipta for asthma, Basaglar insulin for diabetes, Entyvio for ulcerative colitis, Daklinza for hepatitis C, Duaklir & Inspiolto for COPD, Ella for emergency contraception, Entresto for heart failure, Fetzima for depression, Genvoya for HIV,</p>	<p>◆ Sask. SPDP some changes -EDS: Abilify Maintena for Schizophrenia, Anoro Ellipta for COPD, Aptiom for seizures, Diacomit for seizures, Eliquis for PE/DVT, Holkira Pak for hepatitis C, Inspra for heart failure, Invokana for diabetes, Latuda for Schizophrenia, Myrbetriq for overactive bladder, Tivicay & Trumeq for HIV & Ultibro Breezhaler for COPD. -Full: Androcur, Clavulin, colesevelam susp, gabapentin 600 & 800mg tabs, midodrine, minocycline, Prevacid DR, Simbrinza & zuclopenthixol. ◆ new NIHB:</p>

	<p>CDN'15 Guide for Primary Care Mgt of Headache CDN'15 CMHF Testosterone Deficiency Syndrome ♂ CTS'15 Asthma in Preschoolers IDSA: Management of Candidiasis Update 2016 SOGC'15: Folic acid SOGC'15: Contraception</p> <p>◆ ↑cost: tizanidine</p>	<p>Movantik for constipation, Nucala for asthma, Plegridy for multiple sclerosis, Repatha for cholesterol TactuoPump Forte for acne, Vibativ for pneumonia, Zepatier for hepatitis C.</p> <p>◆ New FDA: Addyi for female sexual dysfx; Genvoya for HIV, Nucala for asthma, Praluent & Repatha for lipids.</p>	<p>-Full: Alphagan P, Buspar, Cipro ^{susp}, Cytomel, Edarbi, Fibrystal, LoLo, Mona Lisa ^{IUD}, Prezcobix</p> <p>-EDS: Abilify ^{Maintena}, Anoro ^{Ellipta}, Fosfomycin, Harvoni, Latuda, Toviaz, Ultibro ^{Breezhaler}</p> <p>◆ SPRINT: Intensive BP <120 vs Standard BP <140; beneficial but ↑ adverse effects</p> <p>◆ EMPA-REG: Empagliflozin in diabetes pts ↓ CV events & mortality</p> <p>◆ new generics &/or ↓cost: alendronate, alfuzosin, Azilect, cefixime, Cellcept, ciprofloxacin, Clindoxyl, Detrol LA, dextroamphetamine, donepezil, dronabinol, Duotrav, efavirnez, esomeprazole, ezetimibe, gabapentin, hydroxychloroquine, moxifloxacin, olanzapine, Prometrium, quetiapine, rasagiline, solifenacin, tadalafil, Tecta, tolterodine ER, Trizivir, valacyclovir & zolpidem.</p>	
Mar-May 2015	<p>◆ NEW guidelines: AHA/ACC/ASH'15 Hypertension Tx with CAD SOGC'15: Vulvovaginitis</p>	<p>◆ New CDN: Dymista for rhinitis, Exelon 15mg patch for Alzheimer's, Simbrinza for glaucoma.</p> <p>◆ new generics & ↓cost: Clindamycin, donepezil, fluconazole, losartan, pregabalin, topiramate, zolmitriptan</p>	<p>◆ Sask. SPDP some changes -EDS: Breo Ellipta for COPD, Harvoni & Sovaldi for HCV, Orenicia SC for RA.</p> <p>◆ new NIHB: -Full: Aggrenox, Alendronate, BenzaClin, Benzamycin, Clindoxyl, Clopixol, Combivent Respimat, Divigel, Ferlecit, Jaydess, Tivicay, Vigamox, Viramune XR & Zymar.</p> <p>-EDS: Brillinta ^{for ACS}, Galecos, Kadian Komboglyze, Sovaldi, Turdorza & Vit E.</p>	
Dec- Feb 2015	<p>◆ NEW guidelines: ACIP'15 USA Adult & Pediatric Vaccine Guides ADA'15 Diabetes (Target Diastolic BP 90mm Hg) AGA'14 Irritable Bowel Syndrome AHA'14 Primary Stroke Prevention AHS'15 American Acute Adult Migraine Treatment Canadian CIHR Hepatitis & HIV Coinfected Canadian CASL'15 Chronic Hepatitis C Canadian CCS'14 Heart Failure Focus Update Canadian CTFPHC'15 Obesity in Adults Drugs in Pregnancy & Lactation Tenth Edition Endocrine Society'15 Obesity Guidelines Gold'15 COPD Guidelines OTO-HNS'15 Allergic Rhinitis Guidelines</p>	<p>◆ New FDA: Auryxia for ↑ phosphate, Gardasil 9 for HPV, Rapivab IV for influenza, Saxenda for weight loss.</p> <p>◆ New CDN: Dovobet Gel –psoriasis, Forxiga for diabetes, Gardasil 9 –for HPV, Holkira for hepatitis C, Kazano & Nesina for diabetes, Spiriva Respimat for COPD, Triumeq for HIV.</p>	<p>◆ Sask. SPDP some changes -Full: carvedilol, Combivent Respimat, escitalopram, Jaydess</p> <p>-EDS: Difucid, Komboglyze</p>	<p>◆ new generics: cefixime, celecoxib, Suboxone, valganciclovir</p> <p>◆ Paradigm-HF ^{trial}: valsartan + sacubitril better than enalapril in heart failure</p> <p>◆ Improve-IT ^{ACS trial}: ezetimibe + simva slightly better than simvastatin alone</p> <p>◆ Updated Stopp/Start Criteria Version 2</p> <p>◆ Risperdone only indicated for Alzheimer's type BPSD</p> <p>◆ new lower Pan-Canadian pricing for: -clopidogrel, gabapentin, metformin, & olanzapine</p>
Oct-Nov 2014	<p>◆ NEW guidelines: AHA14 NSTE-ACS, AUA Overactive Bladder, CCS 2014 Atrial Fibrillation Focused Update, SOGC Managing Menopause</p>	<p>◆ New FDA: Contrave for weight loss, Dulaglutide for diabetes, Olodaterol for COPD</p> <p>◆ dopamine receptor agonists: associated with impulse control disorders with tx of Parkinson's dx</p> <p>◆ Paradigm-HF: sacubitril & valsartan ↓ mortality in heart failure</p> <p>◆ DAPT: 30 vs 12 months of ASA + clopidogrel ^{+DES} ↓ CV event but ↑ bleed</p>	<p>◆ Sask. SPDP some changes -EDS: Aubagio, Fosrenol, Galecos, Tudorza Genuair</p> <p>◆ new NIHB: -Full Lodalis ^{for lipids}, Nyda ^{for lice}. -EDS: Invega Sustena ^{for schizo}, Risperdal Consta ^{for schizo}, Xgeva ^{if skeletal events with prostate cancer}.</p> <p>◆ Wisdom: slow withdrawal of inhaled corticosteroids in COPD was safe</p>	<p>◆ new generics: Biaxin XL, celecoxib, escitalopram ezetimibe, frovatriptan, linezolid, Lipidil EZ, travoprost</p> <p>◆ Diclofenac lower max of 100mg/day: since ↑ CV risk with this NSAID</p> <p>◆ OTC soon: hydrocortisone 1% topical</p> <p>◆ New CDN: Aptiom for seizures, Fentora for pain, Harvoni: hepatitis C, Nocurna for urinary incontinence, Prezcobix for HIV, Zostavax II.</p>
Jul-Sept 2014	<p>◆ NEW guidelines: ACG'14 IBS & Chronic idiopathic constipation ADA'14 Pediatric A1C targets: <7.5% for <18yrs CDN'14 Management: Anxiety, PTSD & OCD CDN Hypertensive Disorders of Pregnancy (HDP)</p>	<p>◆ New CDN: Jaydess & LoLo for birth control, Nimenrix for meningitis serotype A,C,W & Y. Ultibro Breezhaler for COPD</p>	<p>◆ Sask. SPDP some changes Full: Apidra, Humalog, Lodalis, Pantoprazole EDS: Janumet XR, Perampanel</p> <p>◆ Varenicline x52wk helped ^{abstinence: Evins}</p>	<p>◆ new generics: adefovir, clarithromycin susp, Combivir, dutasteride, Myfortic, Pennsaid & zoledronic acid</p> <p>◆ PD Med ^{trial}: levodopa initially best</p> <p>◆ OTC soon: omeprazole & Nasocort</p>
May-Jun 2014	<p>◆ New CDN: Abilify Maintena for schizophrenia, Actemra SC & Xeljanz ^{oral} for rheumatoid arthritis; Constella for IBS, Invokana for diabetes.</p> <p>◆ NACI update: pneumococcal vaccine in asthmatics</p> <p>◆ Lithium: ↑calcium level warning</p>	<p>◆ new NIHB: -Full: Arava, Cymbalta, Humalog Mix, Mezavant, Plavix ^{x 1yr}, Seasonale, Seasonique, Seroquel XR, Vyvanse, & Xalacom.</p>	<p>◆ new NIHB: -EDS: Eliquis ^{for AF}, Janumet XR ^{for diabetes}, Saphris ^{for BPAD}, Seebri Breezhaler ^{for COPD} & Zenhale ^{for asthma}.</p> <p>◆ Topcat : spironolactone NS HF-PEF</p> <p>◆ ↑price: Valtrex since generic removed</p>	<p>◆ new generics: almotriptan, Elocom cream, efavirenz, Fosavance, mercaptopurine, Risperdal ODT, Sinemet CR, Wellbutrin XL, vancomycin, voriconazole & Yaz.</p> <p>◆ RLS: pregabalin restless leg Sx option</p> <p>◆ Poise-2: ASA & clonidine NS pre-op</p>

Feb-Apr 2014	<ul style="list-style-type: none"> NEW <u>guidelines</u>: ACIP'14 USA Adult & Child Vaccine Schedule AHA/ACC/HRS'14: Atrial Fibrillation CIHR'13 Canadian Hepatitis C/HIV ^{Adult} Coinfection 	<ul style="list-style-type: none"> <u>Lower price</u>: metformin, pioglitazone New CDN: Aubagio for MS, Anoro Ellipta for COPD, Bexsero for meningitis serotype B, Tybost & Vitekta for HIV 	<ul style="list-style-type: none"> Sask. SPDP some changes Full: Fluconazole, Tactuo EDS: Jentadueto, Tecfidera Remeron reports of ↑QT 	<ul style="list-style-type: none"> new generics: Arthrotec, Cipro XL, Elocom lotion, entecavir, Nasonex, Risperdal M-tab, Uniphyll CitAD: citalopram ↓ agitation in AD, but ↑QT & worsened cognition
Nov-Jan 2014	<ul style="list-style-type: none"> NEW <u>guidelines</u>: ACOG: HRT & Heart Dx ADA'14 (Diabetes) AHA'13 Lipid Guideline AHA'13 Obesity Guide ASH/ISH BP Guide Canadian MS Guide Canadian Society Nephrology Anemia Guideline Canadian HTN: CHEP'14 JNC 8: Hypertension 	<ul style="list-style-type: none"> <u>Lower prices</u>: quetiapine XR, rizatriptan, testosterone undecanoate New CDN: Emtrix- onychomycosis, Guanfacine ^{Intuniv XR} for ADHD, Rifaximin ^{Zaxine}-encephalopathy ^{hepatic} Simeprevir ^{Galaxos}, Sofosbuvir ^{Sovaldi}; hep C 	<ul style="list-style-type: none"> Sask. SPDP some changes EDS: Biphentin, Cimzia, Eliquis & Stribild Placide: probiotics not help AAD or C. difficile in older adults 	<ul style="list-style-type: none"> Sammpris ^{Collaboration}, medical tx better than stenting for intracranial stenosis DI: nifedipine + clarithromycin ⇒ AKI new generic: Actonel 150mg, atomoxetine, bupropion XL, donepezil, Fosavance, Relpax, Yasmin
July-Oct 2013	<ul style="list-style-type: none"> NEW <u>guidelines</u>: AAP'13 Pediatric Sinusitis WHO'13: HIV AAP 2013: Drugs into Human Breast Milk/Lactation AACT: new antibiotic orange book released FDA black box warnings: red shading Calcitonin nasal discontinued due to cancer concern Rivaroxaban: EDS ^{SK} for acute DVT Savor-Timi 53: Saxagliptin: CV outcomes ^{NS}; ↑ HF hosp. 	<ul style="list-style-type: none"> <u>Lower prices</u>: amlodipine, atorvastatin, omeprazole, pregabalin, rabeprazole, ramipril, venlafaxine <u>Higher prices</u>: cabergoline, natalizumab, zidovudine Double dose Tamiflu no more effect Ketoconazole: adrenal & liver ^{warnings} Metoclopramide ok in pregnancy NSAID lactation ratings updated 	<ul style="list-style-type: none"> Sask. SPDP some changes Full: Cymbalta, Epuris, Jumista, Losec ^{20mg}, Lyrica, Pariet EDS: Divigel, Ezetrol, Januvia 25 & 50mg, Onbrez, Seebri Breezhaler, Zofran ODT. New in CDN: Breo Ellipta, Emtrix, Jublia, Fycompa, Intuniv, Tecfidera, Tudorza COPD: 5day ≈ 14day po prednisone ^{Reduce} 	<ul style="list-style-type: none"> new NIHB: Full: Asmanex, Cipralax, Magic bullet, & Ondissolve. EDS: Banzel, Cimzia, Lyrica, Onbrez, Trajenta & Vimpat. Removed: Demerol CNT ^{Collaboration}: naproxen low CV risk Addition to book: Estrogel Propak new generics: Accupril, Axert, Lescol, Sustiva, Xalacom
Mar-Jun 2013	<ul style="list-style-type: none"> NEW <u>guidelines</u>: ACG'13: GERD Guidelines AHA Heart Failure'13 CCS'12 Heart Failure Guideline Update CCS'12 Dyslipidemia Guideline Update CDA'13 Diabetes Guideline: frail, ASA, pregnancy Δ's CHEP'13: ISH elderly >80yr ⇒ SBP <150mm Hg Reflux trial: surgery or PPI's good GERD options Bruise Control trial: warfarin continuation better than heparin bridging before ICD/pacemaker surgery 	<ul style="list-style-type: none"> A few new <u>additions</u> to the book: Axiron (testosterone) underarm soln Bystolic (nebivolol) new beta-blocker Myrbetriq (mirabegron) for OAB Neupro (rotigotine) for Parkinson's Olux-E foam (clobetasol ^{propionate}) steroid Silenor (doxepin) for insomnia Stribild (a quad pill daily) for HIV Tecfidera (dimethyl fumarate) for MS 	<ul style="list-style-type: none"> Sask. SPDP changes Full: Asmanex Twisthaler EDS: Asenapine for BPAD, Toviaz for OAB, Vyvanse for ADHD, Zenhale for Asthma new NIHB: -EDS: dabigatran, nabilone, rivaroxaban, saxagliptin -Removed: Ketorolac, OxyNeo 	<ul style="list-style-type: none"> ↓cost/new generics: Caduet, eletriptan, fluvastatin, malarone, pregabalin New Formulations: Hydromorph Contin 4.5mg Prevista 150mg tab Mononucleosis study: amoxicillin rash only occurred in 30% of the pts FDA approved: Canagliflozin for diabetes, Vilanterol/fluticasone: COPD
Dec-Feb 2013	<ul style="list-style-type: none"> NEW <u>guidelines</u>: ADA 2013 Diabetes: SBP <140 mmHg rather than 130 AHA'13 Stable Ischemic Heart Disease (SIHD) AHA'13 STEMI Management CANMAT:BPAD Freedom: CABG superior to PCI in diabetics Aspire & WarfASA: low dose ASA ↓'s recurrent VTE HPS2-Thrive: niacin/laropiprant did not reach 1⁰ outcome Keeps/Dops: HRT in young reassuring ^{but under powered} 	<ul style="list-style-type: none"> FDA approved & book <u>additions</u>: Aubagio (teriflunomide) for MS Fycompa (perampanel) for seizures Linzess (linaclotide) for IBS Potiga (ezogabine) for seizures Seebri (glycopyrronium) COPD ^{Canada} Tudorza (aclidinium) for COPD Xeljanz (tofacitinib) for RA 	<ul style="list-style-type: none"> Sask. SPDP EDS: Saphris for BPAD Toviaz for urinary incontinence new NIHB: -Full: Concerta, Evra, Levemir, Nuvaring, Twynsta -EDS: Atripla, inj opiates, Intellece -Removed: Tylenol #4, Ritalin ^{Brand only} 	<ul style="list-style-type: none"> ↓cost: rivaroxaban, sildenafil New Formulations: Januvia 25 & 50mg tabs Sublinox 5mg tab (lower dose in women) Apixaban: Health Canada AF approved Echinacea not for <12yrs in Britain Deet/icaridin: changes ^{Public Health: Canada}
Sep-Nov 2012	<ul style="list-style-type: none"> NEW <u>guidelines</u>: AASM Restless Leg Anemia CKD: KDIGO AHA & ESC A. Fib ACR Gout AACE/ATA Hypothyroid CDN Fibromyalgia ESC Acute MI Endocrine Society: Thyroid in Pregnancy/Postpartum HIV: IAS-USA Adult NACI: Influenza 2012-13 	<ul style="list-style-type: none"> A few new <u>additions</u> to the book: Copper IUD Divigel (estradiol gel) for HRT Latuda (lurasidone) for schizophrenia Stribild (a quad pill daily) for HIV CDC'12: not cefixime for gonorrhea 	<ul style="list-style-type: none"> new Sask. SPDP changes: EDS: Xarelto for A. Fib Miacalcin: ? long term cancer risk ^{EU} ICS: ↓growth ~1cm long term ^{CAMP} Clopidogrel ≈ prasugrel ^{Trilogy ACS} Ondansetron: max 16mg due to ↑QT 	<ul style="list-style-type: none"> generics ↓cost: Atacand Plus, Zidovudine GuidAge: ginkgo <u>not</u> help Alzheimer's Milk thistle: <u>not</u> help hepatitis C SPS3: ASA + Clopidogrel combo <u>not</u> better than ASA only for lacunar strokes
Jun-Aug 2012	<ul style="list-style-type: none"> 10 NEW <u>charts</u>: A Fibrillation Anticholinergics Diabetes Overview Diabetes Trials: Lipids/ASA/BP Elderly/LTC Hepatitis B & C Hirsutism Pain: Acute/Pall/CNCP Palliative Care Peri-Pregnancy NEW <u>guidelines</u>: Canadian PSC 2012 Parkinson's Canadian Thoracic Society 2012 Asthma American-AAN/AHS Migraine Prevention 	<ul style="list-style-type: none"> A few new <u>additions</u> to the book: Belvigi (lorcaserin) for weight loss Difidic (fidaxomicin) – C.diff diarrhea Myrbetriq (mirabegron) – incontinence Omontys (peginesatide) for anemia ^{CKD} Resotran (prucalopride) – constipation Stendra (avanafil) for erectile dysfunx Toviaz (fesoterodine) – incontinence Zioptan (tafluprost) for glaucoma 	<ul style="list-style-type: none"> new Sask. SPDP changes: -EDS: Aclasta, Actonel DR, Banzel Complera, Linagliptin, Rilpivirine, Saxagliptin 2.5mg new NIHB: -Full: Wellbutrin XL, Yaz -EDS: Januvia, Janumet 	<ul style="list-style-type: none"> generics ↓cost: Combivir, lamivudine, meropenem, rizatriptan ↓cost: entacapone, galantamine, raloxifene Warfasa: aspirin (100mg od) ↓ recurrent VTE & ↔ bleeding risk ^{vs placebo}
Mar-May 2012	<ul style="list-style-type: none"> NEW <u>guidelines</u>: ADA 2012 Diabetes American-ACR 2012 Rheumatoid Arthritis 	<ul style="list-style-type: none"> A few new <u>additions</u> to the book: Asmanex ^{Twisthaler} (mometasone) asthma Lodalis (colesevalam) for cholesterol 	<ul style="list-style-type: none"> new Sask. SPDP changes: -Full: Twynsta -EDS: Brilinta, Gilenya, Incivek, 	<ul style="list-style-type: none"> generics ↓cost: candesartan, finasteride, montelukast, telmisartan, & rosuvastatin √ Prednisone ↓dose x2yr in RA ^{Camera II}

	Canadian CHEP 2012 Hypertension Chest 2012 Antithrombotics IDSA 2012 Sinusitis	Fampyra (dalfampridine) -↑walking ^{MS} Onbrez ^{Breezhaler} (indacaterol) for COPD Saphris (asenapine) for schizophrenia	OxyNeo, Victrelis ◆ new NIHB EDS: Abilify, Advagraft, Prolia, Suboxone, Uloric	◆ ASA ≈ warfarin in heart failure ^{Warcef} ◆ ⊕ memantine to donepezil-no ^{Domino NS} ◆ √ rivaroxaban in PE ^{Einstein PE}
Jan-Feb 2012	◆ NEW <u>guidelines</u> Antiepileptic & HIV Drug Interactions –AAN 2012 Vaccine –ACIP ^{USA} & NACI ^{CDN} 2012 updates ^{HPV,HB} ◆ Altitude: Type 2 diabetes with aliskiren & ACE/ARB had ↑ stroke & renal complications	◆ A few new <u>additions</u> to the book: Gelnique (oxybutynin 10% gel) for UI Luxiq (betamethasone ^{val} 0.12% foam) NYDA (dimeticone 50% soln) for lice Rapaflo (silodosin) for BPH	◆ new Sask. SPDP changes: -EDS: Effient, Janumet, Januvia, Onglyza ◆ Gonorrhoea Public Health Canada: ↑ dose for cefixime & ceftriaxone	◆ generic ↓\$: clopidogrel, esomeprazole, latanoprost, losartan, mycophenolate ◆ DIs: Citalopram ≥40mg & ↑QT meds ◆ Cold-FX extraction process in China ◆ Antiepileptics: special access meds ^{listed}
Nov-Dec 2011	New Pregnancy & Lactation symbols based on color: ◆ PREGNANCY (P): Safe =  , Likely Safe =  , Caution =  , Contraindicated =  , Unknown =  ◆ LACTATION (L): Safe =  , Likely Safe =  , Caution =  , Contraindicated =  , Unknown =  (See also p. 137 of RxFiles book or Abbreviations & Symbols)	◆ A few new <u>additions</u> to the book: Aczone (dapsone 5% gel) for acne Edurant (rilpivirine) for HIV Jalyn (tamsulosin & dutasteride) for BPH Onsolis (fentanyl buccal film) for pain Staxyn (vardenafil) for erectile dysfx Sublinox (zolpidem) for insomnia Zuacta (zucapsaicin) for pain	◆ new Sask. SPDP changes: -full formulary: Lantus & Levemir -EDS: Abilify & Invega Sustenna ◆ NEW <u>guidelines</u> AHA-CABG Hypertrophic cardiomyopathy PCI	◆ generics ↓cost: amlodipine & atorvastatin combo, azithromycin IV, ceftriaxone, ramipril & HCTZ combo & sumatriptan SC. ◆ HPS 11yr simvastatin follow up good ◆ SATURN: similar atherosclerosis regression with atorvastatin or rosuvastatin
Sep-Oct 2011	◆ NEW <u>guidelines</u> ADHD -AAP ^{eds} Anti-Infective Book (PAACT- orange book) Essential Tremor -AAN ^{neurology} Hypertension -NICE UK Thyroid disease during Pregnancy -ATA	◆ A few new <u>additions</u> to the book: Banzel (Rufinamide) for seizures Complera (emtricitabine, rilpivirine, tenofovir), Seasonique (Estradiol & levonorgestrel), Trajenta (Linagliptin) for diabetes, Twynsta (amlodipine & telmisartan)	◆ Aristotle: apixaban useful for A. fib ◆ Sammpri: med tx of symptomatic intracranial arterial stenosis superior to angioplasty plus stenting ◆ AZURE: zoledronic acid <u>not</u> beneficial adjuvant in breast cancer	◆ generics ↓cost: imipenem ◆ NSAIDs's may ↑ abortion rate ◆ DIs: Bactrim & ACEI/ARB/NSAIDs, Simvastatin expanded list⇒ myopathy ◆ Saw palmetto <u>not</u> useful for BPH ◆ Flu vaccine: age ≥ 6month get 0.5mls
Aug 2011	◆ Acetaminophen ↓agitation/pain in BPSD ^{Dementia: Husebo '11} ◆ QT prolongation concerns with quetiapine & doses ≥ 40mg/day of citalopram ^{FDA} ◆ Fluconazole for long term doses ≥ 400mg, pregnancy rating has changed from a "C" to a "D" more concerning	◆ A few new <u>additions</u> to the book: Renvela (Sevelamer ^{carbonate}) for CKD, Verdeso (desonide foam) steroid ^{topical} ◆ Product changes: New Avonex pen & Daypro discontinued.	◆ new EDS criteria for Sask: Adcirca -for pulmonary hypertension Uloric -for select gout cases Vimpat-for adjunctive ^{refractory} seizure Prolia -for select osteoporosis cases	◆ Rocket-AF: A. fib pts on warfarin or rivaroxaban: non-inferior to warfarin, similar bleeding but ↑↑cost ◆ Postpartum use of birth control: Restart date based on VTE risk ^{CDC '11}
June-July 2011	◆ NEW <u>guidelines</u> ACCF/AHA Expert ^{Consensus} : Hypertension in Elderly ◆ FDA Warnings: Actos long term ? bladder cancer, ESA's Epoetin Hg >110g/L ⇒ ↑MI/stroke ◆ new formulations: Hydromorph Contin 4.5mg & 9mg capsules	◆ A few new <u>additions</u> to the book: Abstral (fentanyl SL for pain), Brilinta (ticagrelor for ACS). ◆ Varenicline concern of ↑CV events ◆ NIHB Addition: Diamicon MR 60mg Prior approval: Actemra, methadone	◆ new DIs: organic anion transporting peptid (OATP) in juices ^{orange ,apple, grapefruit} interactions with: aliskiren, atenolol, ciprofloxacin, fexofenadine	◆ SHARP: CKD pts on ezetimibe + simvastatin vs Placebo: ↓atherosclerotic ^{events} , but not mortality ◆ generics ↓cost: atomoxetine, esomeprazole, nevirapine, zolmitriptan
Apr-May 2011	◆ NEW <u>guidelines</u> CDN Thoracic Society: Dyspnea with COPD CDN CHEP'11: Hypertension ◆ VTE controversy continues with Yaz & Yasmin	◆ A few new <u>additions</u> to the book: Byetta (exenatide SC for diabetes), Seasonique (91 day birth control), Tactuo (adapalene & benzoyl ^{peroxide}), Zenhale (mometasone & formoterol)	◆ new formulations: Fluad: flu vaccine for elderly ◆ NIHB Additions: Lantus Prior approval: Concerta	◆ AIM-HIGH: trial halted, Niaspan ↑stroke vs simvastatin background tx ◆ generics ↓cost: alendronate, cefuroxime, irbesartan, levetiracetam, nevirapine, quetiapine, ramipril & repaglinide ...
Feb-Mar 2011	◆ NEW <u>guidelines</u> ACC/AHA NSTEMI/Unstable angina guidelines ACIP-USA Adult vaccine recommendations ADHD-Canadian Caddra guidelines A. fib Canadian CCS guideline: dabigatran an option ◆ DI: hypotension with CCB's & erylc / clarithromycin	◆ A few new <u>additions</u> to the book: Biacna (clindamycin & tretinoin gel), Daxas (roflumilast: severe COPD), Gilenya (fingolimod oral for MS), Nucynta (tapentadol CR for pain), Targin (oxycodone + naloxone), Vimovo (naproxen + esomeprazole)	◆ antipsychotics: may have EPS & withdrawl in neonates ◆ topiramate was pregnancy "C" but now downgraded to a "D" ◆ new Diamicon MR 60mg tab ◆ new LithMax SR lithium tablet	◆ carbamazepine: ↑ rash if HLA-B A-3101 allele present ◆ new generic valsartan & repaglinide ◆ candesartan no benefit in acute stroke (<u>Scast</u> trial)
Dec'10-Jan'11	◆ new Institute of Medicine calcium & Vit D limits ◆ Zyban & Champix on formularies ^{some} 1x/yr coverage ◆ Gardasil: FDA anorectal cancer prevention indication	◆ ginseng lacks cognitive benefit ◆ opiate concern of fractures & ↑ CV harm in the elderly	◆ ↓ MS cost for interferon: Extavia ◆ ↓ cost for generic Cosopt & Trusopt ◆ new generic repaglinide	◆ CDC updated STD tx guidelines ◆ Ibuprofen & naproxen DI's with ASA ◆ bedtime Eltroxin dosing option
Oct-Nov 2010	◆ new CDN Osteoporosis Guidelines ◆ ↑ CVD risks with testosterone replacement ◆ pantoprazole Tecta ↓ cost	◆ Uloric for gout ◆ CCS antiplatelet therapy update ◆ NOUGG guidelines for opiate use in chronic pain	◆ ↓ cost for Cervarix ◆ rivastigmine in delirium: ↑mortality ◆ VADT: ↑ CVD events when DBP <70mmHg	◆ Avandia restrictions in USA & CDN ◆ ↓calcium total intake to 1200mg/day ◆ lower Hg target with Epo in cancer pts by ASCO