

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

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





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| <p>June-Sep 2017</p>          | <ul style="list-style-type: none"> <li>◆ <b>NEW guidelines:</b><br/>           AACE'17 for menopause<br/>           ACC'17 for Non-statin LDL lowering<br/>           ACC'17 for Syncope<br/>           ACC'17 for Heart Failure Update<br/>           ACG / CAG Management of Dyspepsia<br/>           ACR'17 Osteoporosis-Glucocorticoid Induced<br/>           ACR'17 Perioperative Management of DMARDs<br/>           Canadian Schizophrenia Guidelines 2017<br/>           CCS'17 Canadian Heart Failure<br/>           Drugs in Pregnancy &amp; Lactation Eleventh Edition <sup>2017</sup><br/>           ESC'17 Guidelines for DAPT, PAD &amp; MI.</li> </ul>                                      | <ul style="list-style-type: none"> <li>◆ New CDN:<br/>           Erelzi is biosimilar etanercept<br/>           Maviret &amp; Vosevi for hepatitis C<br/>           Ocrevus for multiple sclerosis<br/>           Tresbia is insulin degludec<br/>           Viberzi for IBS-D<br/>           Vemlidy for hepatitis b</li> <li>◆ New FDA:<br/>           Bevyxxa for VTE prophylaxis<br/>           Mavyret &amp; Vosevi for hepatitis C<br/>           Trelegy <sup>Ellipta</sup> triple therapy for COPD</li> <li>◆ ↑ cost: Dipentum &amp; Zaditen</li> <li>◆ ↓ cost: gliclazide, Truvada</li> </ul>   | <ul style="list-style-type: none"> <li>◆ <b>Sask. SPDP</b> some changes<br/>           -Full: Cyklokapron, Monurol, Proglycem, Synthroid 137mcg &amp; TactuPump Forte<br/>           -EDS: Brenzys, Campral, Grastofil, Fentanyl 37 ug patch, Genvoya, Jadenu, Neupro, Revia, Salagen, Rilutek &amp; Xigduo</li> <li>◆ <b>new NIHB:</b><br/>           -Full: Abilify Maintena, Aptivus, Arnuity, Celsentri, Intelence, Isentress, Revia, Triumeq &amp; Zeldox<br/>           -EDS: Breo Ellipta, Daklinza, Dicletel, Entresto, Epclusa, Foxiga, Inspra, Jentadueto, Modulon, Myrbetriq, Prevacid Fastab, Stratterra, Viread, &amp; Zepatier</li> <li>◆ <b>Canvas:</b> canagliflozin ↓CV events, but ↑ amputations (ie. toe or metatarsal)</li> <li>◆ <b>RE-DUAL PCI:</b> dabigatran &amp; clopidogrel- ↓bleed vs triple therapy with warfarin</li> <li>◆ <b>Compass:</b> Rivaroxaban <sup>2.5mg bid</sup> + ASA ↓CV but ↑ bleeding in 2<sup>o</sup> CAD prevention</li> <li>◆ <b>Exscl:</b> Exenatide 2mg SC weekly had non-significant CV benefit vs placebo</li> <li>◆ new generics: Atripa, Avandia, clonidine, deferasirox, Diclectin, Enbrel (with Brenzys), hydralazine, phenytoin, Truvada &amp; Viread</li> </ul> |
| <p>Apr-May 2017</p>           | <ul style="list-style-type: none"> <li>◆ <b>NEW guidelines:</b><br/>           ACP'17 Low Back Pain<br/>           ACP'17 Osteoporosis Guidelines<br/>           ACP &amp; AAFP'17 Hypertension for Adults ≥ 60yrs<br/>           AHA'17 Management of Valvular Heart Disease<br/>           CHEP'17: Canadian Hypertension Guidelines<br/>           CDN'17 Opioid Therapy &amp; Chronic Noncancer Pain<br/>           CUA'17 Adult Overactive Bladder<br/>           SOGC'17 Combined Hormonal Contraception</li> </ul>  | <ul style="list-style-type: none"> <li>◆ New CDN:<br/>           Cinqair for asthma,<br/>           Enstilar for psoriasis,<br/>           FIAST for diabetes (rapid insulin),<br/>           Glyxambi for diabetes,<br/>           Lancora for heart failure,<br/>           Mictoryl for urinary incontinence,<br/>           Odefsey for HIV, &amp;<br/>           Rexulti for schizophrenia.</li> <li>◆ new generics:<br/>           Cellcept, Exelon patch, Olmetec,<br/>           Omnaris, Reyataz &amp; Sinemet IR.</li> <li>◆ New FDA:<br/>           Ocrevus for MS (RRMS &amp; PPMS)</li> <li>◆ ↑ cost: cabergoline</li> </ul>  | <ul style="list-style-type: none"> <li>◆ <b>Sask. SPDP</b> some changes<br/>           -EDS: Acyclovir susp, Entresto, Entyvio, Plegridy &amp; for hepatitis (Daklinza, Epclusa, Sunvepra &amp; Zepatier),</li> <li>◆ <b>Einstein-Choice:</b> extended rivaroxaban better than ASA at ↓ recurrent VTE events</li> <li>◆ <b>Fourier:</b> evolocumab <sup>PCSK9 antibody</sup> ↓CV events 11.3 vs 9.8% over 2.2yr, not mortality</li> <li>◆ <b>Topic:</b> after 1 month of DAPT in ACS with ticagrelor or prasugrel, &amp; ASA, switch to clopidogrel ↓bleed</li> <li>◆ <b>Trinity:</b> Triple COPD tx (beclomethasone, formoterol &amp; glycopyrronium) &gt; tiotropium</li> <li>◆ <b>Trust:</b> levothyroxine no apparent benefit, older pts with subclinical hypothyroidism</li> <li>◆ <b>TT trials:</b> testosterone improves hemoglobin &amp; BMD, but ↑ total CV plaque</li> <li>◆ ↓cost: amlodpine, atazanavir, atorvastatin, cholestyramine, clopidogrel, Epclusa, fluoxetine liquid, gliclazide MR, indomethacin, modafinil, olmesartan, pantoprazole, ramipril, rosiglitazone, simvastatin, Sunvepra &amp; Zepatier.</li> </ul>  |
| <p>Jul 2016-<br/>Mar 2017</p> | <ul style="list-style-type: none"> <li>◆ <b>NEW guidelines:</b><br/>           AASLD'16 American Chronic Hepatitis B<br/>           ACG'17 H. pylori<br/>           ACP '16 Gout<br/>           ACP'16 Insomnia<br/>           ACP'17 Back Pain<br/>           ADA 2017: Diabetes<br/>           AHA'16 Drugs that Exacerbate Heart Failure<br/>           AHA'16 Drugs that Interact with Statins<br/>           AAN'16: Restless Leg Syndrome<br/>           ATA'16 American Hyperthyroid<br/>           Canadian Opioid DRAFT Guideline 2017<br/>           CANMAT'16 Canadian Major Depression<br/>           CCS'16 Atrial Fibrillation Update<br/>           CCS'16 Canadian Dyslipidemia</li> </ul> | <ul style="list-style-type: none"> <li>◆ New CDN:<br/>           Blexten &amp; Rupall an antihistamine,<br/>           Brenzys (etanercept) for RA,<br/>           Brivlera for epilepsy, Descovy- HIV,<br/>           Copaxone for 3x per week dosing,<br/>           Epclusa &amp; Sunvepra for hepatitis C,<br/>           Invega Trinza for schizophrenia,<br/>           Invokamet for diabetes,<br/>           Kevzara for rheumatoid arthritis,<br/>           Lixiana (edoxaban) for a fib/PE,<br/>           Natesto for andropause,<br/>           Praluent for cholesterol,<br/>           Stelara for Crohn's disease,<br/>           Synjardy for diabetes,<br/>           Taltz for plaque psoriasis,</li> </ul> | <ul style="list-style-type: none"> <li>◆ <b>Sask. SPDP</b> some changes<br/>           -Full: Arnuity Ellipta, Backup Plan Onestep &amp; Plan B, Tecta<br/>           -EDS: Cosentyx, Forxiga, Ofev, Simponi IV, Xolair, Xazine</li> <li>◆ <b>new NIHB:</b><br/>           -Full: alendronate, ezetimibe, Fosavance, levetiracetam, risedronate, solifenacin &amp; tolterodine LA,<br/>           -EDS: Actemra, Aptiom, Breo &amp; Incruse Ellipta, Cosentyx, Dapagliflozin, Duaklir Genuair, Inflectra, Inspiolto &amp; Spiriva Respimat. Jardiance, Orencia, Xeljanz.</li> <li>◆ <b>LEADER:</b> Liraglutide vs placebo in T2DM-↓CV events &amp; weight, but ↑ GI events</li> <li>◆ <b>PEGASUS-TIMI 54:</b> Ticagrelor vs placebo with prior MI-↓CV events but ↑ bleed</li> <li>◆ <b>PRECISION:</b> celecoxib was non-inferior to naproxen &amp; ibuprofen for CV safety</li> <li>◆ <b>PIONEER AF-PCI:</b> rivaroxaban ≤15mg OD + clopidogrel <u>or</u></li> </ul>   |

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|                               | <p>Gold: COPD 2017 Guidelines<br/>H. Pylori Toronto Consensus 2016<br/>IAS-USA '16 Adult HIV<br/>NACT '16: Pevnar for ≥ 65yrs<br/>SOGC '16: Nausea &amp; Vomiting in Pregnancy</p>  | <p>Viberzi for IBS,<br/>Zinbryta for multiple sclerosis.<br/>◆ new generics &amp; ↓cost: Baraclude, Bezalip, Fosavance, Inflectra, levetiracetam, Meltz, Micronor, Nasacort, Nasonex, Omnairs, quetiapine, rasagiline, Seasonale, Sensipar &amp; Tamiflu.<br/>◆ ↑ cost: Anafranil, Aventyl.<br/>◆ New FDA:<br/>Relistor orally, Stelara for Crohn's</p>   | <p>riva 2.5mg bid + DAPT, had ↓bleeding than warfarin + DAPT (triple therapy) tx</p>  |
| <p>Mar 2016-<br/>Jun 2016</p> | <p>◆ NEW <b>guidelines</b>:<br/>American JAAD '16 Acne guideline<br/>American ACC '16 Role of Non-Statins in CVD Risk<br/>American ACC/AHA '16 Update: Heart Failure<br/>American APA '16 Antipsychotics: agitation with Dementia<br/>American AACE/ACE '16 Obesity Medical Care<br/>Canadian Hypertension: CHEP '16<br/>Canadian CDA '16 Diabetes Update: Flozins etc.<br/>CDC '16 Prescribing Opioids for Chronic Pain<br/>Chest '16 VTE guideline-DOAC's option<br/>USPSTF '16 ASA Primary Prevention CVD/Cancer</p>   | <p>◆ New CDN:<br/>Bydureon for diabetes,<br/>Lunesta for sleeping,<br/>Praxbind for reversing dabigatran,<br/>Trulicity &amp; Xiguo for diabetes,<br/>Zerbaxa for infection.<br/>◆ new generics &amp; ↓cost: abacavir, alfuzosin, Clindoxyl, duloxetine, efavirenz, Estrace, Kivexa &amp; Valcyte.<br/>◆ New FDA:<br/>Descovy &amp; Odefsey for HIV.<br/>Nuplazid for psychosis with Parkinsons<br/>Zinbryta for MS</p>   | <p>◆ <b>Sask. SPDP</b> some changes<br/>-EDS: For COPD: Duaklir<sup>Genuair</sup>, Incruse<sup>Ellipta</sup>, Inspiolto<sup>Respimat</sup> &amp; Spiriva<sup>Respimat</sup>, Actemra<sup>SC</sup>, Fibrilal, Inflectra, Jardiance, Lemtrada, Prezcoibx, Vyvanse<sup>10mg</sup> &amp; Xeljanz.<br/>◆ <b>new NIHB</b>:<br/>-Full: Climara Pro, Isosrbid mononitrate, moxifloxacin &amp; Plan B.<br/>-EDS: Diastat, Fosrenol, Invokana &amp; Pennsaid.<br/>◆ <b>FLAME</b>: LAMA+LABA<sup>Ultibro</sup> less AECOPD than LABA+ICS<sup>Advair</sup> in COPD<br/>◆ <b>IRIS</b>: Pioglitazone post TIA/stroke (↓stroke/diabetes but ↑weight/edema/fractures)<br/>◆ <b>Socrates</b>: Ticagrelor in acute ischemic stroke/TIA: not superior to ASA to ↓stroke<br/>◆ <b>Summit</b>: Fluticasone + valanterol in high CV risk COPD pts, did not ↓mortality<br/>◆ Over the Counter<sup>OTC</sup> – Advil 12hr, Flonase &amp; Nexium</p>   |
| <p>Jun 2015-<br/>Feb-2016</p> | <p>◆ NEW <b>guidelines</b>:<br/>ACIP '16 USA Adult &amp; Pediatric Vaccine Guides<br/>ACOG '15 Emergency Contraception<br/>ACOG '15 Nausea and Vomiting of Pregnancy<br/>American <b>Diabetes</b> Association Update 2016<br/>American Geriatrics Society 2015 <b>Beers Update</b><br/>American ACR '15: Rheumatoid Arthritis<br/>American –ASBMR '16-Bisphosphonates long term<br/>ATA '15 Thyroid Nodules<br/>CDN '15 Acne Guidelines<br/>CDN '15 Guide for Primary Care Mgt of Headache<br/>CDN '15 CMHF Testosterone Deficiency Syndrome ♂<br/>CTS '15 Asthma in Preschoolers<br/>IDSA: Management of Candidiasis Update 2016<br/>SOGC '15: Folic acid<br/>SOGC '15: Contraception<br/><br/>◆ ↑cost: tizanidine</p> | <p>◆ New CDN:<br/>Arnuity Ellipta for asthma,<br/>Basaglar insulin for diabetes,<br/>Entyvio for ulcerative colitis,<br/>Daklinza for hepatitis C,<br/>Duaklir &amp; Inspiolto for COPD,<br/>Ella for emergency contraception,<br/>Entresto for heart failure,<br/>Fetzima for depression,<br/>Genvoya for HIV,<br/>Movantik for constipation,<br/>Nucala for asthma,<br/>Plegridy for multiple sclerosis,<br/>Repatha for cholesterol<br/>TactuoPump Forte for acne,<br/>Vibativ for pneumonia,<br/>Zepatier for hepatitis C.<br/>◆ New FDA:<br/>Addyi for female sexual dysfx;<br/>Genvoya for HIV,<br/>Nucala for asthma,<br/>Praluent &amp; Repatha for lipids.</p> | <p>◆ <b>Sask. SPDP</b> some changes<br/>-EDS: Abilify Maintena for Schizophrenia, Anoro Ellipta for COPD, Aptiom for seizures, Diacomit for seizures, Eliquis for PE/DVT, Holkira Pak for hepatitis C, Inpra for heart failure, Invokana for diabetes, Latuda for Schizophrenia, Myrbetriq for overactive bladder, Tivicay &amp; Triumeq for HIV &amp; Ultibro Breezhaler for COPD.<br/>-Full: Androcur, Clavulin, colesevelam susp, gabapentin 600 &amp; 800mg tabs, midodrine, minocycline, Prevacid DR, Simbrinza &amp; zuclopenthixol.<br/>◆ <b>new NIHB</b>:<br/>-Full: Alphagan P, Buspar, Cipro<sup>susp</sup>, Cytomel, Edarbi, Fibrilal, LoLo, Mona Lisa<sup>IUD</sup>, Prezcoibx<br/>-EDS: Abilify<sup>Maintena</sup>, Anoro<sup>Ellipta</sup>, Fosfomycin, Harvoni, Latuda, Toviaz, Ultibro<sup>Breezhaler</sup><br/>◆ <b>SPRINT</b>: Intensive BP &lt;120 vs Standard BP &lt;140; beneficial but ↑ adverse effects<br/>◆ <b>EMPA-REG</b>: Empagliflozin in diabetes pts ↓ CV events &amp; mortality<br/>◆ new generics &amp;/or ↓cost: alendronate, alfuzosin, Azilect, cefixime, Cellcept, ciprofloxacin, Clindoxyl, Detrol LA, dextroamphetamine, donepezil, dronabinol, Duotrav, efavirine, esomeprazole, ezetimibe, gabapentin, hydroxychloroquine, moxifloxacin, olanzapine, Prometrium, quetiapine, rasagiline, solifenacin, tadalafil, Tecta, tolterodine ER, Trizivir, valacyclovir &amp; zolpidem.</p> |
| <p>Mar-May 2015</p>           | <p>◆ NEW <b>guidelines</b>:<br/>AHA/ACC/ASH '15 Hypertension Tx with CAD<br/>SOGC '15: Vulvovaginitis</p>   | <p>◆ New CDN: Dymista for rhinitis,<br/>Exelon 15mg patch for Alzheimer's,<br/>Simbrinza for glaucoma.<br/>◆ new generics &amp; ↓cost: Clindamycin, donepezil, fluconazole, losartan, pregabalin, topiramate, zolmitriptan</p>  | <p>◆ <b>Sask. SPDP</b> some changes<br/>-EDS: Breo Ellipta for COPD, Harvoni &amp; Sovaldi for HCV, Orencia SC for RA.<br/>◆ <b>new NIHB</b>:<br/>-Full: Aggrenox, Alendronate, BenzaClin, Benzamycin, Clindoxyl, Clopixon, Combivent Respimat, Divigel, Ferrlecit, Jaydess, Tivicay, Vigamox, Viramune XR &amp; Zymar.<br/>-EDS: Brillinta<sup>for ACS</sup>, Galexos, Kadian Komboglyze, Sovaldi, Turdorza &amp; Vit E.</p>   |
| <p>Dec- Feb 2015</p>          | <p>◆ NEW <b>guidelines</b>:<br/>ACIP '15 USA Adult &amp; Pediatric Vaccine Guides<br/>ADA '15 Diabetes (Target Diastolic BP 90mm Hg)</p>  | <p>◆ New FDA: Auryxia for ↑ phosphate,<br/>Gardasil 9 for HPV,<br/>Rapivab IV for influenza,</p>  | <p>◆ <b>Sask. SPDP</b> some changes<br/>-Full: carvedilol,<br/>Combivent Respimat,<br/><br/>◆ new generics: cefixime, celecoxib, Suboxone, valganciclovir<br/>◆ <b>Paradigm-HF</b><sup>trial</sup>: valsartan + sacubitril</p>  |

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|               | <p>AGA'14 Irritable Bowel Syndrome<br/>         AHA'14 Primary Stroke Prevention<br/>         AHS'15 American Acute Adult Migraine Treatment<br/>         Canadian CIHR Hepatitis &amp; HIV Coinfected<br/>         Canadian CASL'15 Chronic Hepatitis C<br/>         Canadian CCS'14 Heart Failure Focus Update<br/>         Canadian CTFPHC'15 Obesity in Adults<br/>         Drugs in Pregnancy &amp; Lactation Tenth Edition<br/>         Endocrine Society'15 Obesity Guidelines<br/>         Gold'15 COPD Guidelines<br/>         OTO-HNS'15 Allergic Rhinitis Guidelines</p> | <p>Saxenda for weight loss.<br/>         ◆New CDN: Dovobet Gel –psoriasis,<br/>         Forxiga for diabetes,<br/>         Gardasil 9 –for HPV,<br/>         Holkira for hepatitis C,<br/>         Kazano &amp; Nesina for diabetes,<br/>         Spiriva Respimat for COPD,<br/>         Triumeq for HIV.</p>   | <p>escitalopram, Jaydess<br/>         -EDS: Difucid, Komboglyze</p>   | <p>better than enalapril in heart failure<br/>         ◆ <b>Improve-IT</b> <sup>ACS trial</sup>: ezetimibe + simva slightly better than simvastatin alone<br/>         ◆ Updated Stopp/Start Criteria Version 2<br/>         ◆ Risperdone only indicated for Alzheimers' type BPSD<br/>         ◆ new <b>lower Pan-Canadian pricing</b> for: -clopidogrel, gabapentin, metformin, &amp; olanzapine</p>          |
| Oct-Nov 2014  | <p>◆ NEW <u>guidelines</u>:<br/>         AHA14 NSTE-ACS,<br/>         AUA Overactive Bladder,<br/>         CCS 2014 Atrial Fibrillation Focused Update,<br/>         SOGC Managing Menopause</p>  | <p>◆New FDA: Contrave for weight loss,<br/>         Dulaglutide for diabetes,<br/>         Olodaterol for COPD<br/>         ◆dopamine receptor agonists:<br/>         associated with impulse control disorders with tx of Parkinson's dx<br/>         ◆<b>Paradigm-HF</b>: sacubitril &amp; valsartan<br/>         ↓ mortality in heart failure<br/>         ◆<b>DAPT</b>: 30 vs 12 months of ASA + clopidogrel <sup>+DES</sup> ↓ CV event but ↑bleed</p> | <p>◆ Sask. <b>SPDP</b> some changes<br/>         -EDS: Aubagio, Fosrenol, Galexos, Tudorza Genuair<br/>         ◆ new NIHB:<br/>         -Full Lodalis <sup>for lipids</sup>, Nyda <sup>for lice</sup>.<br/>         -EDS: Invega Sustena <sup>for schizo</sup>, Risperdal Consta <sup>for schizo</sup>, Xgeva <sup>if skeletal events with prostate cancer</sup>.<br/>         ◆<b>Wisdom</b>: slow withdrawal of inhaled corticosteroids in COPD was safe</p> | <p>◆ new generics: Biaxin XL, celecoxib, escitalopram ezetimibe, frovatriptan, linezolid, Lipidil EZ, travoprost<br/>         ◆ Diclofenac lower max of 100mg/day: since ↑ CV risk with this NSAID<br/>         ◆ OTC soon: hydrocortisone 1% topical<br/>         ◆New CDN: Aptiom for seizures, Fentora for pain, Harvoni: hepatitis C, Nocurna for urinary incontinence, Prezcofix for HIV, Zostavax II.</p> |
| Jul-Sept 2014 | <p>◆ NEW <u>guidelines</u>:<br/>         ACG'14 IBS &amp; Chronic idiopathic constipation<br/>         ADA'14 Pediatric A1C targets: &lt;7.5% for &lt;18yrs<br/>         CDN'14 Management: Anxiety, PTSD &amp; OCD<br/>         CDN Hypertensive Disorders of Pregnancy (HDP)</p>  | <p>◆New CDN:<br/>         Jaydess &amp; LoLo for birth control,<br/>         Nimenrix for meningitis serotype A,C,W &amp;Y.<br/>         Ultibro Breezhaler for COPD</p>   | <p>◆ Sask. <b>SPDP</b> some changes<br/>         Full: Apidra, Humalog, Lodalis, Pantoprazole<br/>         EDS: Janumet XR, Perampanel<br/>         ◆ Varenicline x52wk helped <sup>abstinence: Evins</sup></p>   | <p>◆ new generics: adefovir, clarithromycin susp, Combivir, dutaseride, Myfortic, Pennsaid &amp; zoledronic acid<br/>         ◆ <b>PD Med</b> <sup>trial</sup>: levodopa initially best<br/>         ◆ OTC soon: omeprazole &amp; Nasocort</p>  |
| May-Jun 2014  | <p>◆New CDN:<br/>         Abilify Maintena for schizophrenia, Actemra SC &amp; Xeljanz <sup>oral</sup> for rheumatoid arthritis; Constella for IBS, Invokana for diabetes.<br/>         ◆NACI update: pneumococcal vaccine in asthmatics<br/>         ◆Lithium: ↑calcium level warning</p>  | <p>◆ new NIHB:<br/>         -Full: Arava, Cymbalta, Humalog Mix, Mezavant, Plavix <sup>x 1yr</sup>, Seasonale, Seasonique, Seroquel XR, Vyvanse, &amp; Xalacom.</p>  | <p>◆ new NIHB:<br/>         -EDS: Eliquis <sup>for AF</sup>, Janumet XR <sup>for diabetes</sup>, Saphris <sup>for BPAD</sup>, Seebri Breezhaler <sup>for COPD</sup> &amp; Zenhale <sup>for asthma</sup>.<br/>         ◆<b>Topcat</b> : spironolactone NS HF-PEF<br/>         ◆↑price: Valtrex since generic removed</p>   | <p>◆ new generics: almotriptan, Elocom cream, efavirenz, Fosavance, mercaptopurine, Risperdal ODT, Sinemet CR, Wellbutrin XL, vancomycin, voriconazole &amp; Yaz.<br/>         ◆ RLS: pregabalin restless leg Sx option<br/>         ◆<b>Poise-2</b>: ASA &amp; clonidine NS pre-op</p>   |
| Feb-Apr 2014  | <p>◆ NEW <u>guidelines</u>:<br/>         ACIP'14 USA Adult &amp; Child Vaccine Schedule<br/>         AHA/ACC/HRS'14: Atrial Fibrillation<br/>         CIHR'13 Canadian Hepatitis C/HIV <sup>Adult</sup> Coinfection</p>   | <p>◆ <b>Lower price</b>: metformin, pioglitazone<br/>         ◆New CDN: Aubagio for MS, Anoro Ellipta for COPD, Bexsero for meningitis serotype B, Tybost &amp; Vitekta for HIV</p>  | <p>◆ Sask. <b>SPDP</b> some changes<br/>         Full: Fluconazole, Tactuo<br/>         EDS: Jentaducto, Tecfidera<br/>         ◆ Remeron reports of ↑QT</p>  | <p>◆ new generics: Arthrotec, Cipro XL, Elocom lotion, entecavir, Nasonex, Risperdal M-tab, Uniphyl<br/>         ◆ <b>CitAD</b>: citalopram ↓ agitation in AD, but ↑QT &amp; worsened cognition</p>   |
| Nov-Jan 2014  | <p>◆ NEW <u>guidelines</u>:<br/>         ACOG: HRT &amp; Heart Dx ADA'14 (Diabetes)<br/>         AHA'13 Lipid Guideline AHA'13 Obesity Guide<br/>         ASH/ISH BP Guide Canadian MS Guide<br/>         Canadian Society Nephrology Anemia Guideline<br/>         Canadian HTN: CHEP'14 JNC 8: Hypertension</p>   | <p>◆ <b>Lower prices</b>: quetiapine XR, rizatriptan, testosterone undecanoate<br/>         ◆New CDN: Emtrix- onychomycosis, Guanfacine <sup>Intuniv XR</sup> for ADHD, Rifaximin <sup>Zaxine</sup> -encephalopathy <sup>hepatic</sup>, Simeprevir <sup>Galexos</sup>, Sofosbuvir <sup>Sovaldi</sup> .hepC</p>   | <p>◆ Sask. <b>SPDP</b> some changes<br/>         EDS: Biphentin, Cimzia, Eliquis &amp; Stribild<br/>         ◆ Placide: probiotics not help AAD or C. difficile in older adults</p>   | <p>◆ <b>Sammpri</b> <sup>Collaboration</sup>: medical tx better than stenting for intracranial stenosis<br/>         ◆ DI: nifedipine + clarithromycin⇒AKI<br/>         ◆ new generic: Actonel 150mg, atomoxetine, bupropion XL, donepezil, Fosavance, Relpax, Yasmin</p>   |
| July-Oct 2013 | <p>◆ NEW <u>guidelines</u>:<br/>         AAP'13 Pediatric Sinusitis WHO'13: HIV<br/>         AAP 2013: Drugs into Human Breast Milk/Lactation<br/>         ◆ PAACT: new antibiotic orange book released<br/>         ◆ FDA black box warnings: <b>red</b> shading<br/>         ◆ Calcitonin nasal discontinued due to cancer concern<br/>         ◆ Rivaroxaban: EDS <sup>SK</sup> for acute DVT<br/>         ◆ <b>Savor-Timi 53</b>: Saxagliptin: CV outcomes <sup>NS; ↑ HF hosp.</sup></p>  | <p>◆ <b>Lower prices</b>: amlodipine, atorvastatin, omeprazole, pregabalin, rabeprazole, ramipril, venlafaxine<br/>         ◆ <b>Higher prices</b>: cabergoline, natalizumab, zidovudine<br/>         ◆ Double dose Tamiflu no more effect<br/>         ◆ Ketoconazole: adrenal &amp; liver <sup>warnings</sup><br/>         ◆ Metoclopramide ok in pregnancy<br/>         ◆ NSAID lactation ratings updated</p>   | <p>◆ Sask. <b>SPDP</b> some changes<br/>         Full: Cymbalta, Epuris, Jurnista, Losec <sup>20mg</sup>, Lyrica, Pariet<br/>         EDS: Divigel, Ezetrol, Januvia 25 &amp; 50mg, Onbrez, Seebri Breezhaler, Zofran ODT.<br/>         ◆ New in CDN: Breo Ellipta, Emtrix, Jublia, Fycompa, Intuniv, Tecfidera, Tudorza<br/>         ◆ COPD: 5day≈14day po prednisone <sup>Reduce</sup></p>  | <p>◆ new <b>NIHB</b>: Full: Asmanex, Cipralax, Magic bullet, &amp; Ondissolve.<br/> <b>EDS</b>: Banzel, Cimzia, Lyrica, Onbrez, Trajenta &amp; Vimpat.<br/> <b>Removed</b>: Demerol<br/>         ◆ <b>CNT</b> <sup>Collaboration</sup>: naproxen low CV risk<br/>         ◆ <b>Addition</b> to book: Estrogel Propak<br/>         ◆ new generics: Accupril, Axert, Lescol, Sustiva, Xalacom</p>                 |



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|--------------|---|--|---|--|
| Mar-Jun 2013 | <ul style="list-style-type: none"> <li>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 &gt;80yr ⇒ SBP &lt;150mm Hg</li> <li>♦ Reflux trial: surgery or PPI's good GERD options</li> <li>♦ <b>Bruise Control</b> trial: warfarin continuation better than heparin bridging before ICD/pacemaker surgery</li> </ul>  | <ul style="list-style-type: none"> <li>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 <sup>propionate</sup>) steroid Silenor (doxepin) for insomnia Stribild (a quad pill daily) for HIV Tecfidera (dimethyl fumarate) for MS</li> </ul>             | <ul style="list-style-type: none"> <li>Sask. SPDP changes Full: Asmanex Twisthaler EDS: Asenapine for BPAD, Toviaz for OAB, Vyvanse for ADHD, Zenhale for Asthma</li> <li>♦ new NIHB: -EDS: dabigatran, nabilone, rivaroxaban, saxagliptin</li> <li>-Removed: Ketorolac, OxyNeo</li> </ul>                              | <ul style="list-style-type: none"> <li>↓cost/new generics: Caduet, eletriptan, fluvastatin, malarone, pregabalin</li> <li>♦ New Formulations: Hydromorph Contin 4.5mg Prevista 150mg tab</li> <li>♦ Mononucleosis study: amoxicillin rash only occurred in 30% of the pts</li> <li>♦ FDA approved: Canagliflozin for diabetes, Vilanterol/fluticasone: COPD</li> </ul>                                   |
| Dec-Feb 2013 | <ul style="list-style-type: none"> <li>NEW <u>guidelines</u>: ADA 2013 Diabetes: <b>SBP &lt;140 mmHg</b> rather than 130 AHA'13 Stable Ischemic Heart Disease (SIHD) AHA'13 STEMI Management ♦ CANMAT:BPAD</li> <li>♦ <b>Freedom</b>: CABG superior to PCI in diabetics</li> <li>♦ <b>Aspire &amp; WarfASA</b>: low dose ASA ↓'s recurrent VTE</li> <li>♦ <b>HPS2-THRIVE</b>: niacin/laropiprant did not reach 1<sup>0</sup> outcome</li> <li>♦ <b>Keeps/Dops</b>: HRT in young reassuring <small>but under powered</small></li> </ul>  | <ul style="list-style-type: none"> <li>FDA approved &amp; book <u>additions</u>: Aubagio (teriflunomide) for MS Fycompa (perampanel) for seizures Linzess (linaclotide) for IBS Potiga (ezogabine) for seizures Seebri (glycopyrronium) COPD<sup>Canada</sup> Tudorza (aclidinium) for COPD Xeljanz (tofacitinib) for RA</li> </ul>  | <ul style="list-style-type: none"> <li>Sask. SPDP EDS: Saphris for BPAD Toviaz for urinary incontinence</li> <li>♦ new NIHB: -Full: Concerta, Evra, Levemir, Nuvaring, Twynsta</li> <li>-EDS: Atripila, inj opiates, Intellece</li> <li>-Removed: Tylenol #4, Ritalin <small>Brand only</small></li> </ul>              | <ul style="list-style-type: none"> <li>♦ ↓cost: rivaroxaban, sildenafil</li> <li>♦ New Formulations: Januvia 25 &amp; 50mg tabs Sublinox 5mg tab (lower dose in women)</li> <li>♦ Apixaban: Health Canada AF approved</li> <li>♦ Echinacea not for &lt;12yrs in Britian</li> <li>♦ Deet/icaridin: changes <small>Public Health: Canada</small></li> </ul>  |
| Sep-Nov 2012 | <ul style="list-style-type: none"> <li>NEW <u>guidelines</u>: AASM Restless Leg AHA &amp; ESC A. Fib CDN Fibromyalgia Endocrine Society: Thyroid in Pregnancy/Postpartum HIV: IAS-USA Adult</li> <li>Anemia CKD: KDIGO ACR Gout AACE/ATA Hypothyroid ESC Acute MI NACI: Influenza 2012-13</li> </ul>  | <ul style="list-style-type: none"> <li>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</li> <li>♦ CDC'12: not cefixime for gonorrhea</li> </ul>  | <ul style="list-style-type: none"> <li>new Sask. SPDP changes: EDS: Xarelto for A. Fib</li> <li>♦ Miacalcin: ? long term cancer risk<sup>EU</sup></li> <li>♦ ICS: ↓growth ~1cm long term<sup>CAMP</sup></li> <li>♦ Clopidogrel ≈ prasugrel<sup>Trilogy ACS</sup></li> <li>♦ Ondansetron: max 16mg due to ↑QT</li> </ul> | <ul style="list-style-type: none"> <li>♦ generics ↓cost: Atacand Plus, Zidovudine</li> <li>♦ <b>GuidAge</b>: ginkgo <u>not</u> help Alzheimer's</li> <li>♦ Milk thistle: <u>not</u> help hepatitis C</li> <li>♦ <b>SPS3</b>: ASA + Clopidogrel combo <u>not</u> better than ASA only for lacunar strokes</li> </ul>  |
| Jun-Aug 2012 | <ul style="list-style-type: none"> <li>10 NEW <u>charts</u>: A Fibrillation Anticholinergics Diabetes Overview Diabetes Trials: Lipids/ASA/BP Ederly/LTC Hepatitis B &amp; C Hirsutism Pain: Acute/Pall/CNCP Palliative Care Peri-Pregnancy</li> <li>♦ NEW <u>guidelines</u>: Canadian PSC 2012 Parkinson's Canadian Thoracic Society 2012 Asthma American-AAN/AHS Migraine Prevention</li> </ul>   | <ul style="list-style-type: none"> <li>A few new <u>additions</u> to the book: Belviqu (lorcaserin) for weight loss Dificid (fidaxomicin) – C.diff diarrhea Myrbetriq (mirabegron) – incontinence<sup>CKD</sup> Omontys (peginesatide) for anemia Resotran (prucalopride) – constipation Stendra (avanafil) for erectile dysfunx Toviaz (fesoterodine) – incontinence Zioptan (tafluprost) for glaucoma</li> </ul> | <ul style="list-style-type: none"> <li>new Sask. SPDP changes: -EDS: Aclasta, Actonel DR, Banzel Complera, Linagliptin, Rilpivirine, Saxagliptin 2.5mg</li> <li>♦ new NIHB: -Full: Wellbutrin XL, Yaz</li> <li>-EDS: Januvia, Janumet</li> </ul>  | <ul style="list-style-type: none"> <li>♦ generics ↓cost: Combivir, lamivudine, meropenem, rizatriptan</li> <li>♦ ↓cost: entacapone, galantamine, raloxifene</li> <li>♦ <b>Warfasa</b>: aspirin (100mg od) ↓ recurrent VTE &amp; ↔ bleeding risk<sup>vs placebo</sup></li> </ul>  |
| Mar-May 2012 | <ul style="list-style-type: none"> <li>NEW <u>guidelines</u>: ADA 2012 Diabetes American-ACR 2012 Rheumatoid Arthritis Canadian CHEP 2012 Hypertension Chest 2012 Antithrombotics IDSA 2012 Sinusitis</li> </ul>  | <ul style="list-style-type: none"> <li>A few new <u>additions</u> to the book: Asmanex <sup>Twisthaler</sup> (mometasone) asthma Lodalis (colesevalam) for cholesterol Fampyra (dalfampridine) -↑walking<sup>MS</sup> Onbrez <sup>Breezhaler</sup> (indacaterol) for COPD Saphris (asenapine) for schizophrenia</li> </ul>   | <ul style="list-style-type: none"> <li>new Sask. SPDP changes: -Full: Twynsta -EDS: Brilinta, Gilenya, Incivek, OxyNeo, Victrelis</li> <li>♦ new NIHB EDS: Abilify, Advagraft, Prolia, Suboxone, Uloric</li> </ul>  | <ul style="list-style-type: none"> <li>♦ generics ↓cost: candesartan, finasteride, montelukast, telmisartan, &amp; rosuvastatin</li> <li>♦ √ Prednisone ↓dose x2yr in RA <small>Camera II</small></li> <li>♦ ASA ≈ warfarin in heart failure <small>Warcef</small></li> <li>♦ ⊕ memantine to donepezil-no <small>Dominio NS</small></li> <li>♦ √ rivaroxaban in PE <small>Einstein PE</small></li> </ul> |
| Jan-Feb 2012 | <ul style="list-style-type: none"> <li>NEW <u>guidelines</u>: Antiepileptic &amp; HIV Drug Interactions –AAN 2012 Vaccine –ACIP<sup>USA</sup> &amp; NACI<sup>CDN</sup> 2012 updates<sup>HPV,HB</sup></li> <li>♦ Altitude: Type 2 diabetes with aliskiren &amp; ACE/ARB had ↑ stroke &amp; renal complications</li> </ul>  | <ul style="list-style-type: none"> <li>A few new <u>additions</u> to the book: Gelnique (oxybutynin 10% gel) for UI Luxiq (betamethasone <sup>val</sup> 0.12% foam) NYDA (dimeticone 50% soln) for lice Rapaflo (silodosin) for BPH</li> </ul>   | <ul style="list-style-type: none"> <li>new Sask. SPDP changes: -EDS: Effient, Janumet, Januvia, Onglyza</li> <li>♦ Gonorrhea Public Health Canada: ↑ dose for cefixime &amp; ceftriaxone</li> </ul>   | <ul style="list-style-type: none"> <li>♦ generic ↓\$: clopidogrel, esomeprazole,latanoprost, losartan, mycophenolate</li> <li>♦ DIs: Citalopram ≥40mg &amp; ↑QT meds</li> <li>♦ Cold-FX extraction process in China</li> <li>♦ Antiepileptics: special access meds<sup>listed</sup></li> </ul>   |
| Nov-Dec 2011 | <p>New Pregnancy &amp; Lactation symbols based on color:</p> <ul style="list-style-type: none"> <li>♦ <b>PREGNANCY (P):</b> Safe = , Likely Safe = ,</li> <li>Caution = , Contraindicated = , Unknown = .</li> <li>♦ <b>LACTATION (L):</b> Safe = , Likely Safe = ,</li> <li>Caution = , Contraindicated = , Unknown = .</li> </ul> <p>(See also p. 137 of RxFiles book or Abbreviations &amp; Symbols)</p> | <ul style="list-style-type: none"> <li>A few new <u>additions</u> to the book: Aczone (dapsone 5% gel) for acne Edurant (rilpivirine) for HIV Jalyn (tamsulosin &amp; dutasteride) for BPH Onsolis (fentanyl buccal film) for pain Staxyn (vardenafil) for erectile dysfx Sublinox (zolpidem) for insomnia Zuacta (zucapsaicin) for pain</li> </ul>  | <ul style="list-style-type: none"> <li>new Sask. SPDP changes: -full formulary: Lantus &amp; Levemir -EDS: Abilify &amp; Invega Sustenna</li> <li>♦ NEW <u>guidelines</u>: AHA-CABG Hypertrophic cardiomyopathy PCI</li> </ul>  | <ul style="list-style-type: none"> <li>♦ generics ↓cost: amlodipine &amp; atorvastatin combo, azithromycin IV, ceftriaxone, ramipril &amp; HCTZ combo &amp; sumatriptan SC.</li> <li>♦ <b>HPS</b> 11yr simvastatin follow up good</li> <li>♦ <b>SATURN</b>: similar atherosclerosis regression with atorvastatin or rosuvastatin</li> </ul>  |
| Sep-Oct 2011 | <ul style="list-style-type: none"> <li>NEW <u>guidelines</u>: ADHD -AAP<sup>eds</sup> Anti-Infective Book (PAACT- orange book) Essential Tremor -AAN<sup>neurology</sup></li> </ul>   | <ul style="list-style-type: none"> <li>A few new <u>additions</u> to the book: Banzel (Rufinamide) for seizures Complera (emtricitabine, rilpivirine, tenofovir), Seasonique (Estradiol &amp; levonorgestrel),</li> </ul>  | <ul style="list-style-type: none"> <li>♦ <b>Aristotle</b>: apixaban useful for A. fib</li> <li>♦ <b>Sammpris</b>: med tx of symptomatic intracranial arterial stenosis superior to angioplasty plus stenting</li> </ul>   | <ul style="list-style-type: none"> <li>♦ generics ↓cost: imipenem</li> <li>♦ NSAIDs's may ↑ abortion rate</li> <li>♦ DIs: Bactrim &amp; ACEI/ARB/NSAIDs, Simvastatin expanded list⇒ myopathy</li> </ul>  |

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|                | Hypertension -NICE UK<br>Thyroid disease during Pregnancy -ATA  | Trajenta (Linagliptin) for diabetes,<br>Twynsta (amlodipine & telmisartan)  | ◆ <b>AZURE:</b> zoledronic acid <u>not</u><br>beneficial adjuvant in breast cancer  | ◆ Saw palmetto <u>not</u> useful for BPH<br>◆ Flu vaccine: age ≥ 6month get 0.5mls   |
| Aug 2011       | ◆ Acetaminophen ↓agitation/pain in BPSD <sup>Dementia: Husebo '11</sup><br>◆ QT prolongation concerns with quetiapine & doses<br>≥ 40mg/day of citalopram <sup>FDA</sup><br>◆ Fluconazole for long term doses ≥ 400mg, pregnancy<br>rating has changed from a “C” to a “D” <sup>more concerning</sup> | ◆ A few new <u>additions</u> to the book:<br>Renvela (Sevelamer <sup>carbonate</sup> ) for CKD,<br>Verdeso (desonide foam) steroid <sup>topical</sup><br>◆ Product changes: New Avonex pen<br>& Daypro discontinued.  | ◆ new EDS criteria for Sask:<br>Adecirca -for pulmonary hypertension<br>Uloric -for select gout cases<br>Vimpat-for adjunctive <sup>refractory</sup> seizure<br>Prolia -for select osteoporosis cases | ◆ <b>Rocket-AF:</b> A. fib pts on warfarin<br>or rivaroxaban: non-inferior to<br>warfarin, similar bleeding but ↑↑cost<br>◆ Postpartum use of birth control:<br>Restart date based on VTE risk <sup>CDC '11</sup>  |
| June-July 2011 | ◆ NEW <u>guidelines</u><br>ACCF/AHA Expert <sup>Consensus:</sup> Hypertension in Elderly<br>◆ FDA Warnings: Actos long term ? bladder cancer,<br>ESA's <sup>Epoetin</sup> Hg >110g/L ⇒ ↑MI/stroke<br>◆ new formulations:<br>Hydromorph Contin 4.5mg & 9mg capsules                                    | ◆ A few new <u>additions</u> to the book:<br>Abstral (fentanyl SL for pain),<br>Brilinta (ticagrelor for ACS).<br>◆ Varenicline concern of ↑CV events<br>◆ NIHB Addition: Diamicron MR 60mg<br>Prior approval: Actemra, methadone                                       | ◆ new DIs: organic anion<br>transporting peptid (OATP) in<br>juices <sup>orange, apple, grapefruit</sup> interactions<br>with: aliskiren, atenolol,<br>ciprofloxacin, fexofenadine                    | ◆ <b>SHARP:</b> CKD pts on ezetimibe +<br>simvastatin vs Placebo:<br>↓atherosclerotic <sup>events</sup> , but not mortality<br>◆ generics ↓cost: atomoxetine,<br>esomeprazole, nevirapine, zolmitriptan            |
| Apr-May 2011   | ◆ NEW <u>guidelines</u><br>CDN Thoracic Society: Dyspnea with COPD<br>CDN CHEP'11: Hypertension<br>◆ VTE controversy continues with Yaz & Yasmin  | ◆ A few new <u>additions</u> to the book:<br>Byetta (exenatide SC for diabetes),<br>Seasonique (91 day birth control),<br>Tactuo (adapalene & benzoyl <sup>peroxide</sup> ),<br>Zenhale (mometasone & formoterol)   | ◆ new formulations:<br>Fluad: flu vaccine for elderly<br>◆ NIHB Additions: Lantus<br>Prior approval: Concerta   | ◆ <b>AIM-HIGH:</b> trial halted, Niaspan<br>↑stroke vs simvastatin background tx<br>◆ generics ↓cost: alendronate, cefuroxime,<br>irbesartan, levetiracetam, nevirapine,<br>quetiapine, ramipril & repaglinide ... |
| Feb-Mar 2011   | ◆ NEW <u>guidelines</u><br>ACC/AHA NSTEMI/Unstable angina guidelines<br>ACIP-USA Adult vaccine recommendations<br>ADHD-Canadian Caddra guidelines<br>A. fib Canadian CCS guideline: dabigatran an option<br>◆ DI: hypotension with CCB's & erylc / clarithromycin                                     | ◆ A few new <u>additions</u> to the book:<br>Biacna (clindamycin & tretinoin gel),<br>Daxas (roflumilast: severe COPD),<br>Gilenya (fingolimod oral for MS),<br>Nucynta (tapentadol CR for pain),<br>Targin (oxycodone + naloxone),<br>Vimovo (naproxen + esomeprazole) | ◆ antipsychotics: may have EPS &<br>withdrawl in neonates<br>◆ topiramate was pregnancy “C”<br>but now downgraded to a “D”<br>◆ new Diamicron MR 60mg tab<br>◆ new LithMax SR lithium tablet          | ◆ carbamazepine: ↑ rash if HLA-B<br>A-3101 allele present<br>◆ new generic valsartan & repaglinide<br>◆ candesartan no benefit in acute<br>stroke ( <b>Scast</b> trial)  |
| Dec'10-Jan'11  | ◆ new Institute of Medicine calcium & Vit D limits<br>◆ Zyban & Champix on formularies <sup>some</sup> 1x/yr coverage<br>◆ Gardasil: FDA anorectal cancer prevention indication   | ◆ ginseng lacks cognitive benefit<br>◆ opiate concern of fractures & ↑<br>CV harm in the elderly  | ◆ ↓ MS cost for interferon: Extavia<br>◆ ↓ cost for generic Cosopt & Trusopt<br>◆ new generic repaglinide   | ◆ CDC updated STD tx guidelines<br>◆ Ibuprofen & naproxen DI's with ASA<br>◆ bedtime Eltroxin dosing option  |
| Oct-Nov 2010   | ◆ new CDN Osteoporosis Guidelines<br>◆ ↑ CVD risks with testosterone replacement<br>◆ pantoprazole Tecta ↓ cost   | ◆ Uloric for gout<br>◆ CCS antiplatelet therapy update<br>◆ NOUGG guidelines for opiate use<br>in chronic pain  | ◆ ↓ cost for Cervarix<br>◆ rivastigmine in delirium: ↑mortality<br>◆ VADT: ↑ CVD events when DBP<br><70mmHg   | ◆ Avandia restrictions in USA & CDN<br>◆ ↓calcium total intake to 1200mg/day<br>◆ lower Hg target with Epo in cancer<br>pts by ASCO  |