

**List of Drugs to be Avoided by Patients with Congenital Long QT Syndrome (LQTS)\* updated July 2013**

\*This list is **not comprehensive** but is meant to be a practical list for those clinicians managing patients with LQTS in Canada. Patients with LQTS should discuss ALL new medications (prescription and over the counter) with their health care provider

Drugs with <u>ABSOLUTE CONTRAINDICATION</u>	Drugs with <u>RELATIVE/THEORETICAL CONTRAINDICATION</u>	
PRESCRIPTION DRUGS	PRESCRIPTION DRUGS	
<b>Amiodarone</b> <b>Amitriptyline (Elavil)</b> <b>Azithromycin (Zithromax)</b> <b>Chloroquine (Aralen)</b> <b>Chlorpromazine</b> <b>Citalopram (Celexa)</b> <b>Clarithromycin</b> <b>Clomipramine</b> <b>Desipramine</b> <b>Disopyramide (Rythmodan)</b> <b>Dolasetron (Anzemet)</b> <b>Domperidone</b> <b>Doxepin</b> <b>Dronedarone (Multaq)</b> <b>Droperidol</b> <b>Erythromycin</b> <b>Escitalopram (Cipralext)</b> <b>Flecainide (Tambocor)</b> <b>Haloperidol (Haldol)</b> <b>Ibutilide (Corvert)</b> <b>Imipramine</b> <b>Maprotiline</b> <b>Methadone (Metadol)</b> <b>Mexiletine</b> <b>Moxifloxacin (Avelox)</b> <b>Nortriptyline</b> <b>Ondansetron (Zofran)</b> <b>Pentamidine</b> <b>Pimozide</b> <b>Procainamide</b> <b>Propafenone (Rythmol)</b> <b>Propoxyphene</b> <b>Quetiapine (Seroquel)</b> <b>Quinidine</b> <b>Saquinavir (Invirase)</b> <b>Sotalol</b> <b>Trazodone</b> <b>Trimipramine</b> <b>Vandetanib (Caprelsa)</b> <b>Ziprasidone (Zeldox)</b>	Alfuzosin ( <i>Xatrol</i> ) Amantadine Aripiprazole ( <i>Abilify</i> ) Atazanavir ( <i>Reyataz</i> ) Atomoxetine ( <i>Stattera</i> ) Bretylium Buprenorphine ( <i>BuTrans 5, 10, 20 and in Suboxone</i> ) Chloral hydrate Ciprofloxacin Clozapine Cyclobenzaprine, theoretical Cyclosporin ( <i>Neoral</i> ) Dasatinib ( <i>Sprycel</i> ) Degarelix ( <i>Firmagon</i> ) Desvenlafaxine ( <i>Pristiq</i> ) Dextroamphetamine ( <i>Dexedrine and in Adderall</i> ) Dobutamine Donepezil ( <i>Aricept</i> ) Dopamine Ephedrine Fingolimod ( <i>Gilenya</i> ) Fluconazole Fluoxetine ( <i>Prozac</i> ) Formoterol ( <i>Oxeze Turbuhaler and in Symbicort</i> ), theoretical Fosphenytoin ( <i>Cerebyx</i> ) Galantamine ( <i>Reminyl</i> ) Gatifloxacin ( <i>Tequin</i> ) Granisetron ( <i>Kytril</i> ) Hydroxychloroquine ( <i>Plaquenil</i> ) Hydroxyzine Indapamide ( <i>Lozide and in Coversyl Plus</i> ) Isoproterenol Itraconazole ( <i>Sporanox</i> ) Ketoconazole ( <i>Nizoral</i> ) Lapatinib ( <i>Tykerb</i> ) Levofloxacin ( <i>Levaquin</i> ) Lisdexamfetamine ( <i>Vyvanse</i> ) Lithium ( <i>Carbolith</i> ) Mefloquine ( <i>Larium</i> ) Methylphenidate ( <i>Ritalin, Concerta</i> )	Metoclopramide Midodrine Mirtazapine ( <i>Remeron</i> ) Nilotinib ( <i>Tasigna</i> ) Norepinephrine Norfloxacin Octreotide ( <i>Sandostatin</i> ) Olanzapine ( <i>Zyprexa</i> ) Ofloxacin Orciprenaline Orphenadrine ( <i>Norflex</i> ) Oxycodone ( <i>OxyNEO and in Oxycocet</i> ) Oxytocin Paliperidone ( <i>Invega</i> ) Paroxetine ( <i>Paxil</i> ) <i>Papaverine</i> Pazopanib ( <i>Votrient</i> ) Perflutren lipid microspheres ( <i>Definity</i> ) Perphenazine Posaconazole ( <i>Posanol</i> ) Promethazine Quinine Risperidone ( <i>Risperdal</i> ) Ritonavir ( <i>Norvir</i> ) Ritonavir / Lopinavir ( <i>Kaletra</i> ) Salbutamol ( <i>Ventolin</i> ) Salmeterol ( <i>Serevent and in Advair</i> ) Sertraline ( <i>Zoloft</i> ) Solifenacin ( <i>Vesicare</i> ) Sorafenib ( <i>Nexavar</i> ) <i>Spiramycin (Rovamycine)</i> Sunitinib ( <i>Sutent</i> ) Tacrolimus ( <i>Prograf, Protopic</i> ) Tamoxifen Terbutaline ( <i>Bricanyl Turbuhaler</i> ) Thiothixene ( <i>Navane</i> ) Tizanidine ( <i>Zanaflex</i> ) Tolterodine ( <i>Detrol</i> ) Trimethoprim / Sulfamethoxazole ( <i>Septra</i> ) Vardenafil ( <i>Levitra</i> ) Venlafaxine ( <i>Effexor</i> ) Voriconazole ( <i>VFend</i> ) Vorinostat ( <i>Zolinza</i> )
<b>Drugs with <u>RELATIVE/THEORETICAL CONTRAINDICATION (continued)</u></b>		
<b>OVER-THE-COUNTER DRUGS</b>		
Cetirizine ( <i>Reactine</i> ), minor Diphenhydramine ( <i>Benadryl</i> ), minor Epinephrine ( <i>EpiPen, Twinject</i> ) Famotidine ( <i>Pepcid</i> )	Ginseng ( <i>Cold – FX</i> ) Loratidine ( <i>Claritin</i> ), theoretical (no reports)	Phenylephrine ( <i>Sudafed PE and in combination Decongestants</i> ) Pseudoephedrine ( <i>Sudafed and in combination Decongestants</i> )
<b>STREET DRUGS</b>		
Amphetamine ( <i>bennies, speed, uppers</i> ) Cocaine ( <i>blow, C, coke, crack, rock, snow</i> ) Methamphetamine ( <i>chalk, crystal meth, ice, meth</i> ),	Methylendioxy-methamphetamine or MDMA ( <i>E, ecstasy, MDA, X</i> ) Oxycodone ( <i>killers, OCs, oxycotton, oxy</i> ) Quetiapine ( <i>baby heroin, Suzie-Q</i> ) [mixed with other drugs]	