



**List of Drugs to be Avoided by Patients with Congenital Long QT Syndrome (LQTS)\* updated April 2015**

\*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 a health care provider. A complete up to date list is available at [www.qt drugs.org](http://www.qt drugs.org)

Drugs with <u>ABSOLUTE</u> <u>CONTRAINDICATION</u>	Drugs with <u>RELATIVE/THEORETICAL</u> CONTRAINDICATION	
PRESCRIPTION DRUGS	PRESCRIPTION DRUGS	
<b>Amiodarone</b> <b>Amitriptyline (Elavil)</b> <b>Atomoxetine (Stattera)</b> <b>Azithromycin (Zithromax)</b> <b>Chloroquine (Aralen)</b> <b>Chlorpromazine</b> <b>Ciprofloxacin</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>Fluconazole</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>Propofol (Diprivan, Provoven)</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> ) Bretylium Buprenorphine ( <i>BuTrans 5, 10, 20 and in Suboxone</i> ) Chloral hydrate 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> ) Fluoxetine ( <i>Prozac</i> ) Formoterol ( <i>Oxeze Turbuhaler and in Symbicort</i> ), theoretical Furosemide ( <i>Lasix</i> ) Galantamine ( <i>Reminyl</i> ) Gatifloxacin ( <i>Tequin</i> ) Granisetron ( <i>Kytril</i> ) <i>Hydroxychloroquine (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> ) <i>Mefloquine (Larium)</i> <i>Methylphenidate (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 Quetiapine ( <i>Seroquel</i> ) 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> ) <i>Sorafenib (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> ) Torsemide ( <i>Demdex</i> ) Trimethoprim / Sulfamethoxazole ( <i>Septra</i> ) Vardenafil ( <i>Levitra</i> ) Venlafaxine ( <i>Effexor</i> ) Voriconazole ( <i>VFend</i> ) <i>Vorinostat (Zolinza)</i>
<b>Drugs with RELATIVE/THEORETICAL CONTRAINDICATION (continued)</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> ) <i>Oxycodone (killers, OCs, oxycotton, oxys)</i> <i>Quetiapine (baby heroin, Suzie-Q) [mixed with other drugs]</i>	