

Drugs with QT Prolonging Effects (Categorized into TdP Risk)

Drugs to Avoid in Congenital Long QT (Known Risk of TdP)		
Risk Level	Physical Health	Behavioral Health
<u>Known Risk of TdP</u>	<p><u>Anesthetic:</u> propofol, sevoflurane, droperidol, cocaine</p> <p><u>Antiarrhythmic:</u> amiodarone, disopyramide, dronedarone, dofetilide, flecainide, ibutilide, procainamide, quinidine, sotalol</p> <p><u>Anticancer:</u> arsenic, vandetanib, oxaliplatin</p> <p><u>Antimalarial:</u> chloroquine</p> <p><u>PDE3 inhibitor:</u> anagrelide, cilostazol</p> <p><u>ABX:</u> azithromycin, chloroquine, ciprofloxacin, clarithromycin, erythromycin, levofloxacin, moxifloxacin</p> <p><u>Cholinesterase Inhibitor:</u> donepezil</p> <p><u>Antifungal:</u> fluconazole, pentamidine</p> <p><u>Opioids:</u> methadone</p> <p><u>Antiemetic:</u> ondansetron, droperidol</p> <p><u>Vasodilator:</u> papaverine</p>	<p><u>Antipsychotics:</u> chlorpromazine, droperidol, haloperidol, pimozide, thioridazine</p> <p><u>SSRI:</u> citalopram, escitalopram</p>

Drugs to Avoid in Congenital Long QT (Possible Risk of TdP)

Risk Level	Physical Health	Behavioral Health
<p>Possible Risk of TdP</p>	<p><u>Alpha 1 blocker:</u> alfuzosin</p> <p><u>DA agonist:</u> apomorphine</p> <p><u>HIV:</u> efavirenz, lopinavir+ritonavir, rilpivirine, saquinavir</p> <p><u>Anticancer:</u> apalutamide, bendamustine, bortezomib, bosutinib, cabozantinib, capecitabine, certinib, crizotinib, dabrafenib, dasatinib, degarelix, encorafenib, epirubicin, eribulin, fluorouracil, inotuzumab, lapatinib, leuprolide, lenvatinib, midostaurin, necitumumab, nilotinib, osimertinib, panobinostat, pazopanib, romidepsin, ribociclib, sorafenib, sunitinib, tamoxifen, tipiracil + trifluridine, toremifene, vemurafenib, vorinostat</p> <p><u>Immunosuppressant:</u> tacrolimus</p> <p><u>Antiemetic:</u> dolasetron, granisetron, palonosetron</p> <p><u>Somatostatin analog:</u> pasireotide</p> <p><u>Opioid:</u> buprenorphine, hydrocodone ER, tramadol</p> <p><u>Sedative:</u> dexmedetomidine</p> <p><u>Anticonvulsant:</u> ezogabine, felbamate,</p> <p><u>NMDA receptor antagonist:</u> memantine</p> <p><u>ABX:</u> bedaquiline, gemifloxacin, ofloxacin, telavancin, telithromycin</p> <p><u>Antimalaria:</u> artemether + lumefantrine, primaquine</p> <p><u>Bladder:</u> mirabegron, tolterodine</p> <p><u>Muscle relaxant:</u> tizanidine</p> <p><u>Antihypertensive:</u> isradipine, moexipril/HCTZ, nifedipine</p> <p><u>Anticoagulant:</u> betrixaban</p> <p><u>PDE5 inhibitor:</u> vardenafil</p> <p><u>Vesicular monoamine transporter 2 inhibitor:</u> deuterabenazine, valbenazine, tetrabenazine</p>	<p><u>Antipsychotics:</u> aripiprazole, asenapine, clozapine, iloperidone, paliperidone, perphenazine, risperidone</p> <p><u>Antiemetic/psychotic:</u> promethazine</p> <p><u>Antimania:</u> Lithium</p> <p><u>ADHD:</u> atomoxetine</p> <p><u>TCA:</u> clomipramine, desipramine, imipramine, nortriptyline, trimipramine</p> <p><u>SNRI:</u> venlafaxine</p> <p><u>Tetracyclic anti-depressant:</u> maprotiline, mirtazapine</p>

*Disclaimer: this is not an all-inclusive list. Please refer to crediblemeds.org for full listing with updates
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Drugs to Avoid in Congenital Long QT (Conditional Risk of TdP)

Risk Level	Physical Health	Behavioral Health
<p><u>Conditional Risk of TdP</u></p>	<p><u>DA agonist:</u> amantadine</p> <p><u>Antifungal:</u> amphotericin B, itraconazole, ketoconazole, posaconazole, voriconazole</p> <p><u>HIV:</u> atazanavir, nelfinavir, ritonavir</p> <p><u>ABX:</u> metronidazole, piperacillin/tazobactam</p> <p><u>Antiarrhythmic:</u> propafenone</p> <p><u>Antiemetic:</u> metoclopramide</p> <p><u>Antihistamine:</u> diphenhydramine, hydroxyzine</p> <p><u>Antacid:</u> cimetidine</p> <p><u>H2-receptor antagonist:</u> famotidine</p> <p><u>PPI:</u> Esomeprazole, lansoprazole, pantoprazole, omeprazole</p> <p><u>Diuretic:</u> furosemide, hydrochlorothiazide, indapamide, torsemide, metolazone, Bendroflumethiazide or bendrofluazide</p> <p><u>Cholinesterase Inhibitor:</u> galantamine</p> <p><u>Anti-inflammatory:</u> hydroxychloroquine</p> <p><u>Anti-diarrheal:</u> loperamide</p> <p><u>Anti-anginal:</u> ranolazine, ivabradine</p> <p><u>Hepatitis C:</u> telaprevir</p> <p><u>Anti-malarial:</u> quinine, hydroxychloroquine</p> <p><u>Muscle relaxant:</u> solifenacin</p> <p><u>Sedative:</u> chloral hydrate</p>	<p><u>Antipsychotic:</u> quetiapine, ziprasidone, olanzapine</p> <p><u>TCA:</u> amitriptyline, doxepin</p> <p><u>SSRI:</u> fluoxetine, paroxetine, sertraline, fluvoxamine</p> <p><u>SARI:</u> trazodone</p>

Drugs to Avoid in Congenital Long QT (not associated with TdP)		
Risk Level	Physical Health	Behavioral Health
<p>Drugs to Avoid in Congenital Long QT</p>	<p><u>Vasoconstrictor:</u> phenylephrine, midodrine, norepinephrine, epinephrine</p> <p><u>Inotrope:</u> dopamine, dobutamine</p> <p><u>Decongestant:</u> pseudoephedrine</p> <p><u>Bronchodilator:</u> albuterol, arformoterol, formoterol, indacaterol, isoproterenol, levalbuterol, olodaterol, salmeterol, terbutaline, metaproterenol, vilanterol/fluticasone, ephedrine</p> <p><u>Hypotension:</u> droxidopa</p> <p><u>Obesity agents:</u> phentermine, phenylpropanolamine</p> <p><u>ABX:</u> trimethoprim-sulfamethoxazole</p>	<p><u>ADHD:</u> dextroamphetamine, lisdexamfetamine, methamphetamine, methylphenidate, dexmethylphenidate, amphetamine</p>

Reference: Pharmacist's Letter and Credible Meds