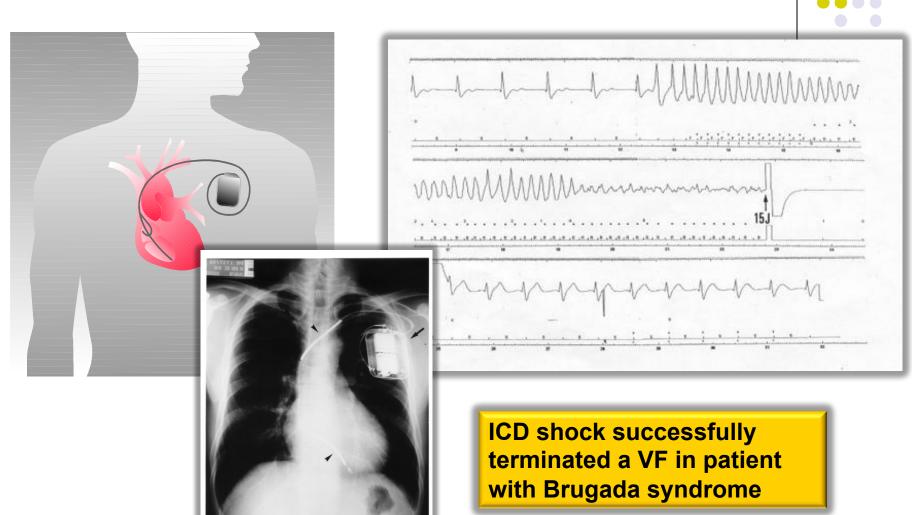
ICD implantation for patients with VT/VF and underlying heart diseases

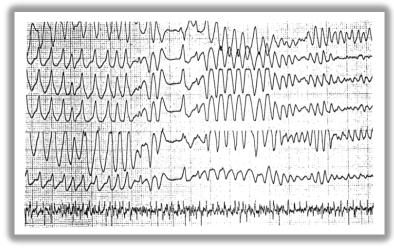
Penetroted Film

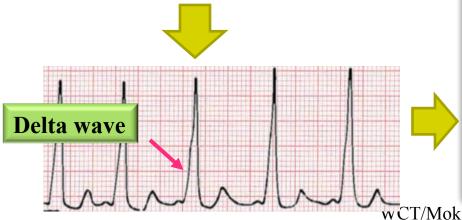


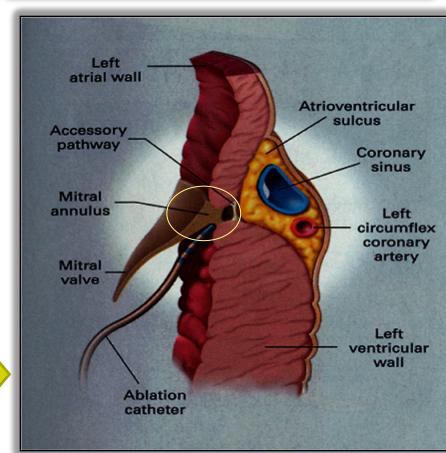


WPW syndrome

RF ablation of accessory pathway



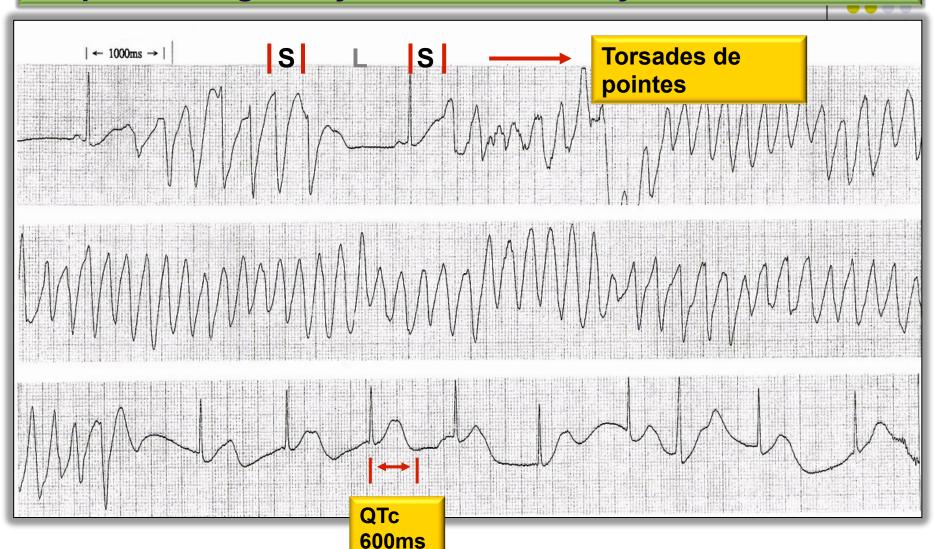




Non-cardiac cause of VT/VF



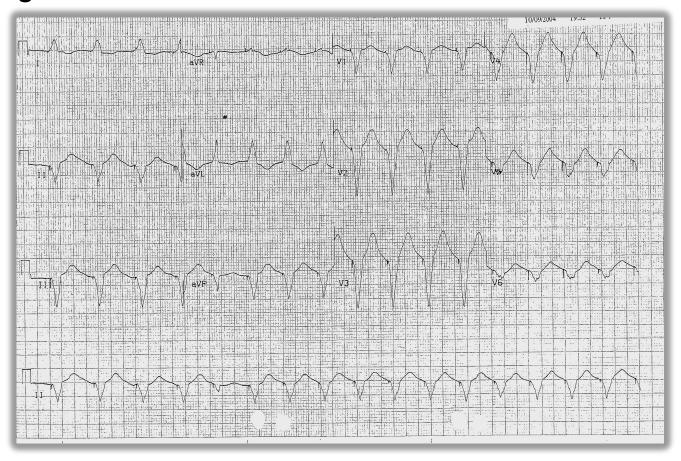
Acquired Long QT syndrome caused by ketoconazole



Management of drug-induced Long QT syndrome

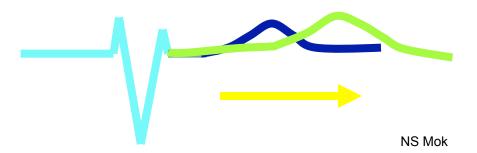


 TdP suppressed by IV MgSO4 & transvenous temporary pacing at 100 beats/min



www.torsades.org

QT-interval Prolonging Drugs



Antiarrhythmic Drugs *Class IA*

Quinidine, Procainamide Disopyramide

Class III

Sotalol, Amiodarone

Antibiotics

Erythromycin, Trimethoprim & Sulfamethaxazole, Pentamidine, Clarithromycin, Azithromycin

Antihistamines

Terfenadine, Astemizole, diphenhydramine

Antifungal

Fluconazole, Ketoconazole

Antimalarial

Chloroquine, Halofantrine

Antipsychotic Drugs

Haloperidol, Tricyclic antidepressants

Good Practice to Avoid Drug-induced Long QT syndrome





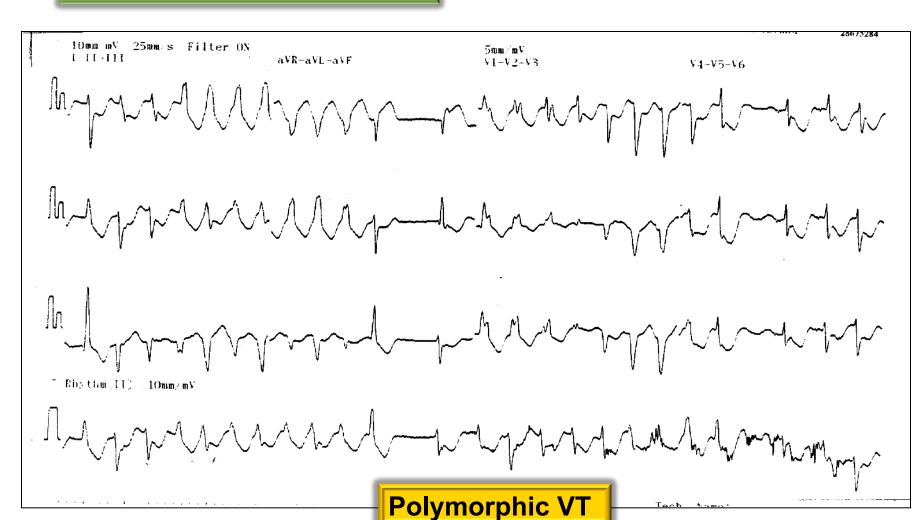
Avoid QT-prolonging drugs in patients at risk of TdP

Cardiac & QTc monitoring in the first few days when giving QT-prolonging anti-arrhythmic drugs to at-risk patients Avoid >1 QT-prolonging drug at the same time

Avoid hypokalaemia in patients receiving QT-prolonging drugs

Non-cardiac cause of VT/VF

Aconitine poisoning



Aconitine Poisoning

Aconitine poisoning due to consumption of 川島 /草烏 is the most common cause of severe herbal poisoning in HK

Aconitines are cardiotoxic



服中藥「烏頭」2年10宗中毒

的中草藥「烏頭」後中毒,一人幾乎斃命。調查發現,4人的藥 方實不含此藥、懷疑是烏頭被摻雜其中。

中醫指烏頭令人中毒的機會甚高,促政府監管中藥成分,以 免禍及開此藥的註冊中醫。

疑被摻雜 1人險斃命

《香港醫學雜誌》報道,04年3月至06年5月期間,醫管局 毒理學參考化驗室共確認了10宗烏頭中畫個案·當中4人的藝方 並不含鳥頭類藥材,但小便及藥渣卻驗出鳥頭鹼,懷疑是在採 集、炮製、運輸或儲存過程中摻雜烏頭、其中一人幾乎致命。

身體軟弱無力,嚴重中毒可令心律失常而致命。

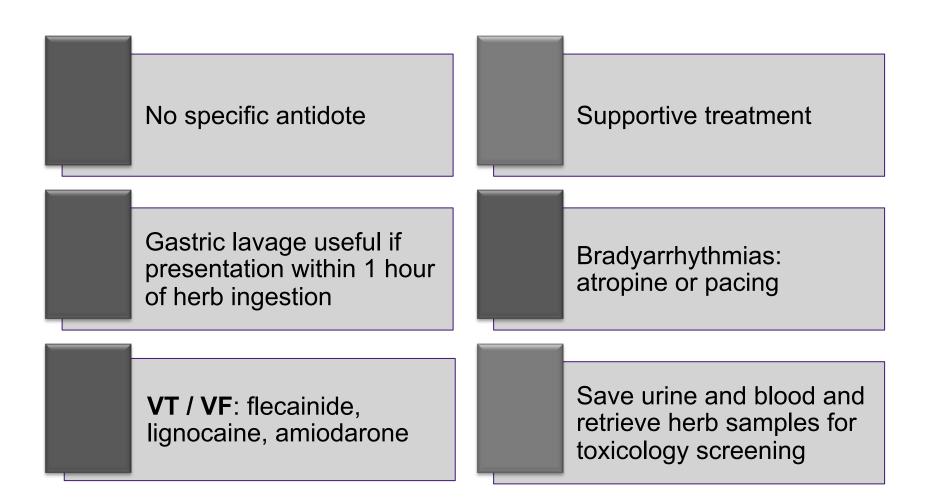
醫院管理局香港中毒諮詢中心高級醫生謝萬里表示,烏頭鹼

註冊中醫師李甯漢引述《中國藥典》指・烏頭用量應介平 會中毒。藥用烏頭要經炮製減低毒性,服用時亦

他直言·由於中毒機會高·故他不開此藥·並促請政府監管

Mx of arrhythmia due to aconitine poisoning

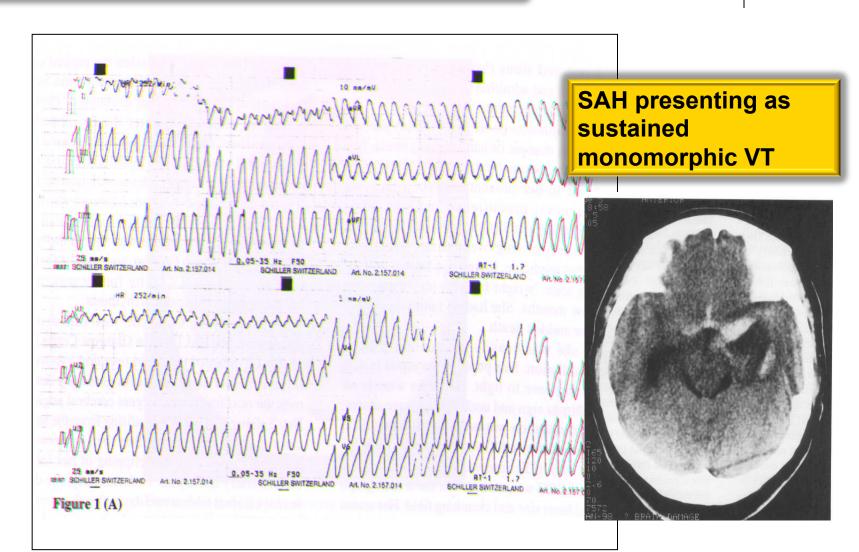


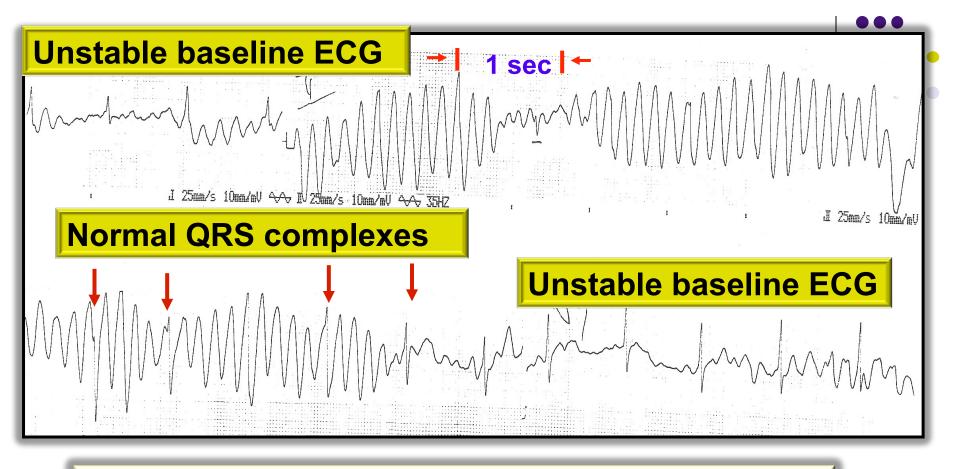


Non-cardiac cause of VT/VF

Intracranial haemorrhage







ECG artifacts mimicking polymorphic VT in a patient with parkinsonism