



Patient Label Here

Dofetilide (Tikosyn) Monitoring Guidelines

Baseline QTc* from 12 lead EKG: _____ Time/Date: _____

Use QT if HR less than 60; otherwise use QTc

Lead Used: _____ (use the same lead for subsequent calculations)

QTc* from 12 lead EKG 2 hours after 1st dose: _____ Time/Date: _____

QTc greater than 15% increase from baseline: ___ yes ___ no

Baseline QTc _____ x1.15= _____

If greater than 15 % increase, or QTc increases to greater than 500 msec (550 msec in patients with ventricular conduction abnormalities), notify cardiologist for dose adjustment.

QTc greater than 500 msec: ___ yes ___ no

Calculate QTc from 12 lead EKG 2 hours after dose given

QTc after 2nd dose: _____ Percent of increase: _____ Time/Date: _____

QTc after 3rd dose: _____ Percent of increase: _____ Time/Date: _____

QTc after 4th dose: _____ Percent of increase: _____ Time/Date: _____

QTc after 5th dose: _____ Percent of increase: _____ Time/Date: _____

If QTc increases to greater than 500 msec (550 msec for patients with ventricular conduction abnormalities) after second dose or any subsequent doses, hold dofetilide and notify cardiologist.

Calculation of QTc:

$$QTc = \frac{QT \text{ (measured sec)}}{\sqrt{R-R \text{ interval (sec)}}}$$

Example: baseline QT: 0.4 sec
R-R interval = 0.8 sec

$\sqrt{R-R \text{ interval}} = 0.89 \text{ sec}$

$$QTc = \frac{0.4 \text{ sec}}{0.89 \text{ sec}}$$

QTc = 0.447 sec or 447 msec