



PhysioStim 's letter

Early predictive Safety Pharmacology

A « FOLLOW UP » STUDY BUT « FULL » INFORMATION

ISOLATED LANGENDORFF PERFUSED HEART

At constant pressure or constant flow

GUINEA-PIG, RABBIT OR RAT



Guinea-Pig: best model, closest to human in regards to the distribution IKr/IKs



MODEL OF ISCHAEMIA/ REPERFUSION

ECG PARAMETERS: QT, QTc, PR, RR, QRS, Tpe

HEART RATE

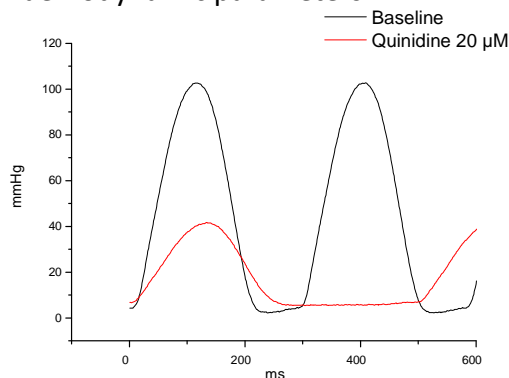
CORONARY FLOW

In vitro model to test the cardiac effects of a compound and to determinate quickly at low cost :
COMPOUND « CLEAN or DIRTY »

MODEL OF QT PROLONGATION
TdP model

LEFT VENTRICULAR PRESSURE : LVP

Haemodynamic parameters



NEW:
COMPOUND ACCUMULATION IN THE MYOCARDIUM