

Student's name:

Date:

## Report - Clinical pharmacokinetics of phenytoin

Purpose:

1.

A)  $V_{\max}$  and  $K_M$  of phenytoin following a single oral dose

	value
$V_{\max}$ (mg/kg/h)	
$K_M$ (mg/l)	

B)

$V_{\max}$  (mg/day) =

DR (Dosing Rate) (mg/day) =

Available dose =

$C_{ss}$  after new dose (mg/L) =

2. Dosing regimen for the patient treated with phenytoin

Calculations:

3. Therapeutic problem

Calculations:

Conclusion: