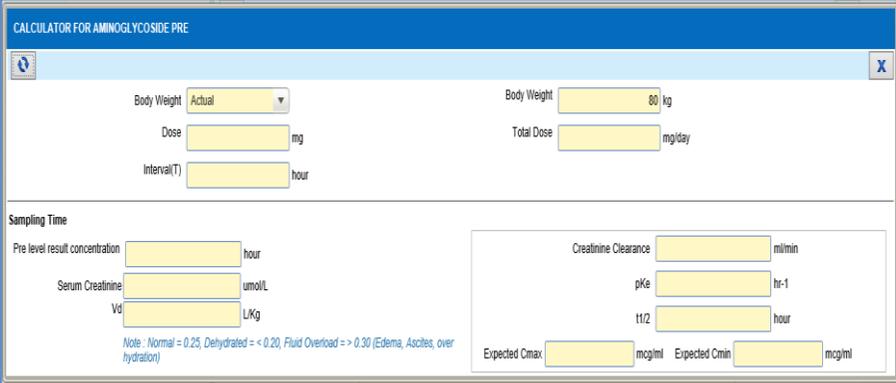


**Proposed Solution**

No.	Ticket #	Description	Requests	Proposed Solution
1.	I-PHIS009817515S	TDM Reporting – Vancomycin (PRE only)	To insert calculation for expected cmax when assuming that expected cmin pre level result	1. To add box to activate the calculator. 2. Expected Cmin - Free text field 3. Expected Cmax – Formula = Expected Cmin/(EXP(-pKe*Interval(T) )) 4. To display result in Pharmacokinetics Profile field
2.	I-PHIS009817415S	TDM Reporting – Aminoglycoside Pre	User request to insert calculation for expected Cmax when assuming that expected cmin equal to pre level result	

Function Flow	TDM Calculator in current Version 1.5	TDM Calculator in new Version 1.6
<b>1. Vancomycin Pre</b>	1) Current Calculator for Vancomycin Pre 	1) New Calculator for Vancomycin Pre <ul style="list-style-type: none"> <li>Added check box to activate the calculator.</li> <li>Added Expected Cmin - Free text field</li> <li>Added Expected Cmax – Formula: =Expected Cmin/(EXP(-pKe*Interval(T) ))</li> </ul>

Function Flow	TDM Calculator in current Version 1.5	TDM Calculator in new Version 1.6
<p>2. Aminoglycoside Pre</p>	<p>1) Current Calculator for Aminoglycoside Pre</p> 	<p>1) New Calculator for Aminoglycoside Pre</p> <ul style="list-style-type: none"> <li>▪ Added check box to activate the calculator.</li> <li>▪ Added Expected Cmin - Free text field</li> <li>▪ Added Expected Cmax – Formula:  <math display="block">= \text{Expected Cmin} / (\text{EXP}(-\text{pKe} * \text{Interval}(T)))</math> </li> </ul> 