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Reviewing alternative doses

Access the feature in DoseMeRx with alternative lower and higher doses to the Individualized or Population recommendations.



Written by Sharmeen Roy, PharmD, BCPS

Updated over a week ago

DoseMeRx has a helpful feature that will show you a dose rounding size (e.g. 250mg) higher and lower than the 'Default Individualized Target' recommendation along with the predicted outcomes.


You can use this feature for any of our vancomycin models, once you have [added your patient](#), doses and lab results into DoseMeRx and are ready to [calculate the next dose](#),

To see this feature on the dose recommendation page, simply click on the preview icon.

Name	Patient, Example	eCrCl	89.2 mL/min (Cockcroft-Gault)
DOB	Dec 13, 1989 (30 years)	Most Recent Dose	2000 mg (Apr 22nd 2020, 06:00)
Weight	54 kg	Most Recent Lab Result	16.1 mg/L (Apr 21st 2020, 18:30)
Dosing Weight	TBW: 54 kg	Indication	Default: Non-severe Infection
Height	173 cm	MIC	Default: 1 mg/L
Clinician	Ms Holly McCallum	Drug	Vancomycin (Adult)

☒ Default Individualized Target

1750 mg over 2 hours every 12 hours for 3 days



Next Dose: Apr 22 2020, 18:00

Target: AUC24: 450 mg.h/L

Predicted: AUC24: 450.8 mg.h/L

Peak: 34.6 mg/L

Trough: 8 mg/L

AUC24: 450.8 mg.h/L

☒ Plot Select

Guideline Dose

750 mg every 12 hours for 3 doses

Next Dose: Apr 22 2020, 18:00

Peak: 16.1 mg/L

Trough: 3.2 mg/L

AUC24: 195.2 mg.h/L

☒ Plot Select

Label Dose

750 mg every 12 hours for one day

Next Dose: Apr 22 2020, 18:00

Peak: 16.2 mg/L

Trough: 3.5 mg/L


AUC24: 204.5 mg.h/L

☐ Plot Select

Here you will see the alternate dose amounts (one size higher and one size lower) over the same dosing interval and number of days.

☒ Default Individualized Target

1750 mg over 2 hours every 12 hours for 3 days



Next Dose: Apr 22 2020, 18:00

Target: AUC24: 450 mg.h/L

Predicted: AUC24: 450.8 mg.h/L

Peak: 34.6 mg/L

Trough: 8 mg/L

AUC24: 450.8 mg.h/L

☒ Plot Select

Preview of lower and higher dose Close X

	Dose	Interval	Length	Days	AUC24	Peak	Trough
Lower dose	1500mg	12hrs	2hrs	3	386.4 mg.h/L	29.7 mg/L	6.8 mg/L
Individualized	1750mg	12hrs	2hrs	3	450.8 mg.h/L	34.6 mg/L	8 mg/L
Higher dose	2000mg	12hrs	2hrs	3	515.2 mg.h/L	39.6 mg/L	9.1 mg/L

Predicted

AUC24: 195.2 mg.h/L Select

☒ Plot

AUC24: 204.5 mg.h/L Select

☐ Plot

Simulating one of these alternate doses is easy, scroll down to the [‘Customize’ section](#), input the new dose amount and simply click ‘Calculate.’



Did this answer your question?



