Initial Dosing Using the Population Model

How do I start an initial course of a drug for a new patient in DoseMeRx (web-based users)?

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Updated in the last 15 minutes

Once you've logged into DoseMeRx, you will land on the patient dashboard screen. Users will select Add patient and enter the requested information and a drug model for the course.
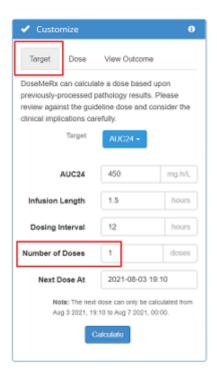
Upon selecting Save Patient, you will be brought to the historical plot. If a serum creatinine value is available, we encourage you to enter it on the Lab Results tab, but you can move forward with no doses or lab results by selecting calculate dose. If you do not enter a serum creatinine, a default serum creatinine of 69.5 umol/L (0.786 mg/dL) for females and 84 umol/L (0.95 mg/dL) for males will be used in the model calculations.
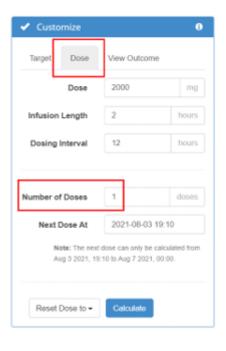
Having no historic doses or lab results, DoseMeRx will use the population model to provide a dose recommendation for this patient. This approach utilizes all information that we currently know about the patient (height, weight, age, sex, and serum creatinine if applicable) and runs this information against the population model and DoseMeRx algorithm to produce the Population Model-Based Dose.

By default, multiple doses will be provided for this dose recommendation, but a single loading dose is able to be simulated in the customize panel.

To do this, use either the Target tab or Dose tab, set the number of doses to 1, and select calculate. DoseMeRx will provide a loading dose and the associated predicted outcomes.

Hint:

Drug model settings like the number of doses and days of dosing might have to be adjusted by either your team's administrative users or DoseMeRx customer experience staff to enable this functionally. Please contact us at any time to confirm you have this feature enabled.

Helpful FAQs

For more information, check out these DoseMeRx Help documents.

- Population vs Individualized Models
- How does DoseMeRx "learn" over time?

Did this answer your question?

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