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Does DoseMeRx Support Amputees?

Amputees have a different relationship between height, weight, and Vd to non-amputee patients. Learn how to use DoseMeRx in this cohort.



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While DoseMeRx does not have amputee-specific models (and at the time of writing, we do not believe that there exist any that would pass our validation process).

There are two primary places in antibiotic pharmacokinetic models where amputation has an effect: the volume of distribution is altered, and the calculation of creatinine clearance is also altered.

While some calculators adjust the patient's weight to indirectly alter Vd based on the type and number of amputations, this doesn't address creatinine clearance. The limited literature available suggests that eCrCL tends to be [over-estimated in this cohort](#). You may want to consider using a pre-amputation height (if available) along with the current patient weight.

For DoseMeRx, we recommend treating these patients like any that may be outside of the patient cohort used to generate the model. Because these patients are not typically included in a population model, it is recommended to calculate the first dose based on either the Guideline Dose or a local protocol outside of DoseMeRx.

For more information on how to use this advanced feature, please [contact DoseMe support either via live chat or by any of our support channels](#).

Did this answer your question?



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