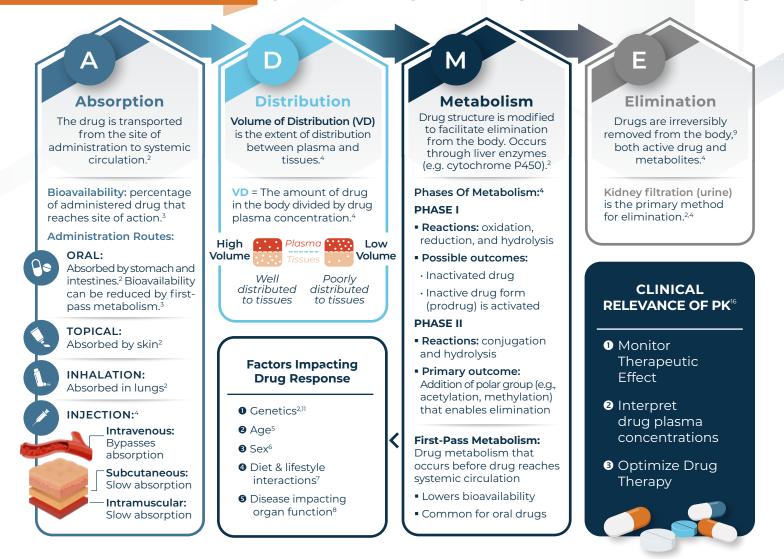


Pharmacokinetics, Pharmacodynamics, & THEIR CLINICAL RELEVANCE

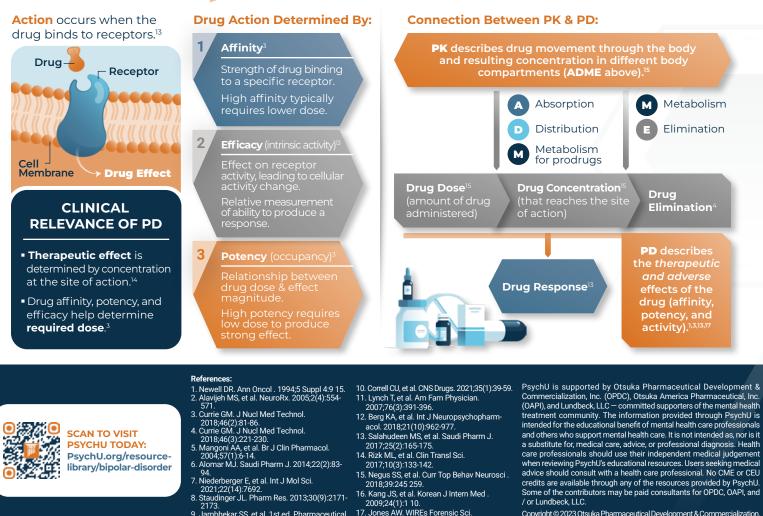
PHARMACOKINETICS (PK)

Pharmacokinetics is the study of how the drug is processed by the body.¹ Simply put, it is what the body does to the drug,¹ and involves each of the following:



PHARMACODYNAMICS (PD)

Pharmacodynamics is the study of how the drug affects the body.³ Simply put, it is what the drug does to the body. It is the drug action that is responsible for therapeutic response and toxic effects.¹



94. Niederberger E, et al. Int J Mol Sci. 2021;22(14):7692. Staudinger JL. Pharm Res. 2013;30(9):2171-2173. Jambhekar SS, et al. 1st ed. Pharmaceutical Press; 2009. 8.

- 2019;39:245 299. 16. Kang JS, et al. Korean J Intern Med . 2009;24(1):1 10. 17. Jones AW. WIREs Forensic Sci. 2019;1(5):e1340.

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