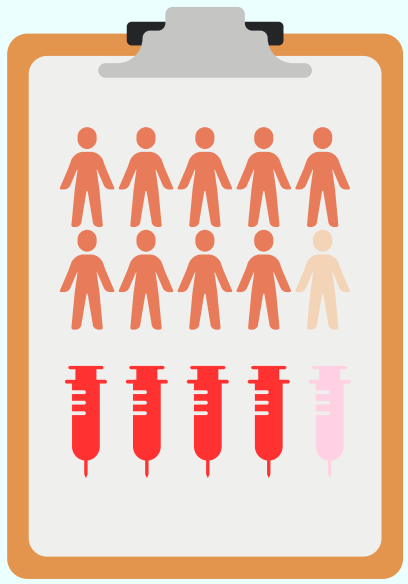
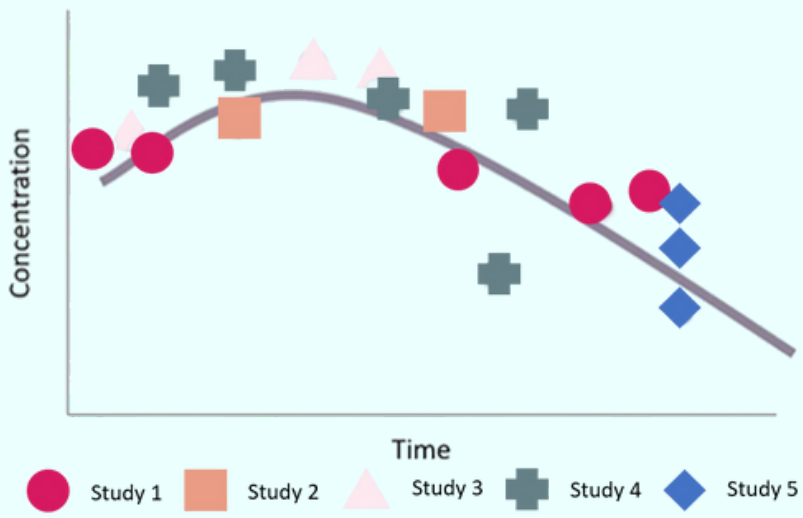
Rigor and Reproducibility: Reporting results to enhance knowledge

The ability to integrate data across studies is a rich opportunity for us to develop a more full understanding of a drug.

Most studies of drugs in pregnancy and postpartum consist of few participants and sparse sampling.



Among PK studies of antidepressants in pregnancy, most studies had <10 participants and <5 samples per participant



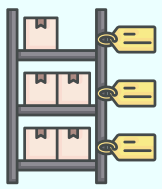
If data is well described, it can be pooled across various studies to provide enough information for robust analysis.

To make data reusable:

Preregister methods and keep them updated

Provide time of dosing and sampling per individual

Provide gestational age or time postpartum as specifically as possible



Describe reporting elements and covariates clearly

Describe analysis methods and provide model codes

Report data in accordance with CONSORT standards

Based on a presentation by Dr. Sara Quinney

From the MPRINT Virtual Workshop:

Pharmacokinetic Pharmacodynamic Studies in the Postpartum Period

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