

# Critical and Acute Medication Pharmacology Repository (CAMPR)



**Dr. Kathryn Pavia, MD**  
Principal Investigator, Critical Care Physician, Clinical Pharmacologist



When children are sick, their bodies may react differently to medications compared to when their bodies are healthy.

Some of the common medications used in their medical care include:

Anti-infective medications

Pain-control and sleep-inducing medications

Medications to help control inflammation

Blood-thinning medications

Medications to prevent the immune system from attacking healthy tissue

Some of the different reactions could include:

Swelling

Fevers

High heart rate

Changes in the liver or kidney function

Changes in the way their body breaks down or uses medication



These differences could result in medications not working effectively to treat the illness or cause other problems in the body. Researchers want to learn more about these differences to utilize medications in the most effective way possible for sick children.

## Repository Information:

Allie Scott RN, CCRC

Research Nurse

(816) 731-7106 [abscott@cmh.edu](mailto:abscott@cmh.edu)



Your child may be able to help!

Your child can give research samples and health information to CAMPR during their hospitalization. The samples and information will be stored and used for research now and in the future to understand how sick children process medications in their bodies. Anything saved will have a special number assigned to protect their privacy.



Contribution to CAMPR will include:

## Research Samples:

- During the hospitalization, leftover blood, urine, and other body fluids that are no longer needed for your child's medical care and would otherwise be discarded by your nurse or from the lab
- extra blood samples (no more than twice a day) at specific times, with a priority to use leftover samples or extra samples when possible and taken from existing access devices (IV, central line) when needed

## Collection of Health Information:

- information about your child's traits, medical diagnosis, laboratory test results, medication information, and body measurements like heart rate, blood pressure, and urine amounts.



**Children's Mercy**  
KANSAS CITY  
Research Institute