



Children's  
of Alabama

## Clinical On-Call Pharmacy Services

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### Approvals

- Committee Approval: Rx Leadership P&P Committee approved on 7/2/2024
  - Signature: Ann H. Goolsby, Coord Policy and Procedure signed on 7/2/2024, 10:14:59 AM
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## Clinical On-Call Pharmacy Services

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### I. Purpose

To define the responsibilities of the clinical on-call pharmacist.

### II. Scope

Applies to all pharmacists who provide consultation for anticoagulants, ketogenic diet, and specific antimicrobials requiring therapeutic drug monitoring (TDM)

### III. Policy

- A. The on-call pharmacist will be available via pager 24 hours a day, seven days a week.
- B. The on-call pharmacist will perform the pharmacokinetic, anticoagulation, and ketogenic diet responsibilities on the weekends and during the week, for any service who does not have a clinical pharmacist present that day, as delineated in the following documents:
  - 1. [Ketogenic Diet Pharmacy Protocol](#)
  - 2. [Pharmacokinetics Pharmacy Protocol](#)
  - 3. [SOP Anticoagulation Consultation and Documentation](#)
- C. The on-call pharmacist will respond to any after-hours clinical requests (drug information, medication teaching, etc) during their on-call period.
- D. Any after-hours requests for medication/discharge teaching will be completed within 24 hours of the request, as the on-call pharmacist is not on-site.
- E. The on-call pharmacist will keep their pager on and will keep it with them for the designated period of time as determined by the posted schedule or as designated by a pharmacy manager.
- F. Any pharmacy consult that is not accompanied by an initial order for the monitored medication will not be acted upon if the on-call pharmacist is not made aware of the consult via pager.

### IV. Procedure

None.

### V. Definitions

**Pharmacokinetics:** the study of the time course of drug absorption, distribution, metabolism, and excretion. Clinical pharmacokinetics involves applying kinetic principles to patient care and ensuring the safe and effective use of drugs.

**Ketogenic diet:** a diet that supplies a large amount of fat and minimal amount of carbohydrates and protein used to produce a ketosis and alter the degree of body alkalinity. It was designed as an alternative or complimentary treatment for seizure disorders that do not respond to conventional antiepileptic drugs.

**TDM:** Therapeutic drug monitoring. Specific antimicrobials requiring TDM: aminoglycosides, gentamicin, tobramycin, and amikacin.

### VI. Processes

None.

## VII. Reference/Regulations

None.

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<b>Attachments:</b> <b>(REFERENCED BY THIS DOCUMENT)</b>	Ketogenic Diet Pharmacy Protocol Pharmacokinetics Pharmacy Protocol Pharmacy Work Schedule SOP Anticoagulation Consultation and Documentation		
<b>Other Documents:</b> <b>(WHICH REFERENCE THIS DOCUMENT)</b>			

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