



UNC Health Drug Information Center & Common Drug Information Resources

The Drug Information (DI) Center is a system-wide clinical support service available at UNC Health.

The DI Center provides evidence-based, objective, high-quality DI services to support safe and efficacious medication-use.

- The DI Center can support a wide range of DI requests types to meet the needs of UNC-affiliated health care practitioners.
- Queries are welcome from all service lines (pharmacy, nursing, practitioners, etc).
- The DI Center is staffed by the Medication Management and Optimization team, with support from pharmacy students and residents .

The DI Center can answer questions covering a variety of topics, including...

- Adverse drug reactions and allergies
- Drug dosing and drug-drug interactions
- Medication storage, stability, and beyond-use dating
- Medication administration
- Extemporaneous compounding
- Product availability
- Therapeutic use assessments
- ... And more!*

Submit Questions via Email or Phone!

- Phone: 984-974-2373
- Email: druginfo@unchealth.unc.edu

Hours of Operation

- Monday to Friday, 0800-1630
(closed holidays)

*The DI Center staff can accommodate most request types, but may ask for further clarification/refinement on questions deemed too broad or time-intensive. Contact the DI Center directly if you are unsure whether your request is appropriate.

Response Time: As a research and evidence-based service, the DI Center generally requires 24-72 hours to complete a request. DI Center staff do their best to accommodate urgent/STAT requests during the same business day.

Common Drug Information Resources (Online)	
Tertiary Drug Databases	
Lexicomp Micromedex Facts and Comparison*	General drug information on the following: <ul style="list-style-type: none"> • Dosing recommendations • Dosing adjustments in special populations and altered kidney/hepatic function • Administration • Warnings/precautions • Adverse reactions • Mechanism of action • Available preparations • Drug interaction checker • Drug identification checker • <u>Facts and Comparison</u>: <ul style="list-style-type: none"> ○ Drug comparisons (via More Clinical Tools > Drug Comparisons) ○ Manufacturer contact information (via Manufacturer Index)
Neonatal/Pediatric Resources	

Pediatric and Neonatal via Lexicomp NeoFax and Pediatrics via Micromedex	Specific to the neonatal and pediatric population that provides information on the following: <ul style="list-style-type: none"> • Dosing recommendations • Dosing adjustments in altered kidney/hepatic function • Administration
Pediatric Injectable Drugs: The Teddy Bear Book*	Specific to the delivery of injectable medications in the pediatric population that provides information on the following: <ul style="list-style-type: none"> • Dosing recommendations • Suitable diluents • Maximum concentration • Preparation instructions • Rates of administration
Pregnancy/Lactation Resources	
Briggs Drugs in Pregnancy and Lactation via Lexicomp	Specific to the pregnant and breast-feeding population that provides information on the following: <ul style="list-style-type: none"> • Pregnancy recommendation • Pregnancy and fetal risk data (eg, drug levels, infant effects) • Breast-feeding recommendation • Breast-feeding data (eg, drug levels, infant effects)
LactMed	Specific to the breast-feeding population that provides information on the following: <ul style="list-style-type: none"> • Breast-feeding data (eg, drug levels, infant effects, lactation effects)
Hale's Medications & Mothers' Milk	Specific to the breast-feeding population that provides information on the following: <ul style="list-style-type: none"> • Breast-feeding recommendation • Breast-feeding data (eg, drug levels, infant effects) • Monitoring parameters
Infectious Diseases Resources	
Sanford Guide	Specific to infectious diseases that organizes information based on: <ul style="list-style-type: none"> • Anti-infective (dosing recommendations, dosing adjustments in altered kidney/hepatic function, spectrum) • Syndrome (eg, pathogens, treatment, stewardship considerations) • Pathogen (eg, microbiology, treatment) • Tables & tools (eg, activity spectra, vancomycin AUC calculator) Login: druginfo@unchealth.unc.edu; Password: tarheels1
Johns Hopkins Antibiotic Guide	Specific to infectious diseases that organizes information based on: <ul style="list-style-type: none"> • Antibiotic (eg, dosing recommendations, dosing adjustments in altered kidney/hepatic function, spectrum, resistance) • Diagnosis (eg, pathogens, treatment) • Pathogen (eg, microbiology, sites of infection, treatment)
CDC Immunization Schedules	Specific to vaccination schedules organized based on age (eg, child and adolescent, adult)
Liverpool HIV Drug Interaction Checker	Specific to checking for drug-drug interactions with HIV medications.
Liverpool COVID-19 Drug Interaction Checker	Specific to checking for drug-drug interactions with COVID-19 medications.

Carolina Antimicrobial Stewardship Program (CASP) Resources	<p>Specific to infectious diseases with UNC Health considerations. Resources include:</p> <ul style="list-style-type: none"> • Disease management • Antimicrobial use guidelines • Dosing guidelines
UNC Health COVID-19 Resources	<p>Specific to COVID-19 with UNC Health considerations. Resources include:</p> <ul style="list-style-type: none"> • Vaccines • Treatment
Herbal/Dietary Supplements Resources	
Dietary Supplement Label Database	<p>General supplement information on commercial products on the following:</p> <ul style="list-style-type: none"> • Active ingredients • Other ingredients • Directions for use
Natural Medicines*	<p>General supplement information via professional monographs on the following:</p> <ul style="list-style-type: none"> • Safety • Adverse effects • Effectiveness • Dosing and administration • Supplement interaction checker • Mechanism of action <p>Additional information can be found specific to commercial products with commercial product monographs.</p>
Memorial Sloan Kettering's Herbs, Botanicals & Other Products	<p>Supplement information with an oncologic focus. Provides information on the following:</p> <ul style="list-style-type: none"> • Clinical summary • Purported uses • Mechanism of action • Herb-drug interactions
Injectable Drugs/Compounding Resources	
<p>Trissel's Handbook on Injectable Drugs via Lexicomp</p>	<p>Specific to checking for compatibility between IV drugs and IV solutions. Additional information on compatibility study results can be found by clicking on the indication key. Additional stability information for IV drugs can be found by clicking on the Trissel's monograph link.</p>
Handbook on Injectable Drugs*	<p>Parenteral drug information on the following:</p> <ul style="list-style-type: none"> • Stability (including syringe, elastomeric reservoir pump, and central venous catheter stability) • Freezing effects • Compatibility
King Guide	<p>Parenteral drug information on the following:</p> <ul style="list-style-type: none"> • Stability (including syringe, elastomeric reservoir pump, and central venous catheter stability) • Compatibility <p>Login: unch; Password: k1ng-un</p>
Toxicology Resources	

<p>Poisindex via Micromedex</p> <p>Goldfrank's Toxicologic Emergencies via AccessPharmacy*</p>	<p>Specific to toxicology and the management of overdoses. Information includes:</p> <ul style="list-style-type: none"> • Pharmacology • Clinical effects • Monitoring • Treatment
Other Resources	
<p>PubMed</p>	<p>Secondary resource for gathering primary literature. Utilization of MeSH terms found within the MeSH Library can help guide searches.</p>
<p>ClinicalTrials.gov</p>	<p>Resource for viewing clinical trial information, including active and completed trials. Information typically includes:</p> <ul style="list-style-type: none"> • Study details (eg, eligibility criteria, intervention, design, outcomes) • Results
<p>Drugs@FDA DailyMed</p>	<p>Resource for obtaining the most up-to-date package insert. Note: Drugs@FDA does not include information on products regulated by the Center for Biologics Evaluation and Research (eg, vaccines, blood products, plasma derivatives, cellular and gene therapy)</p>
<p>QT Drugs List</p>	<p>Resource for determining QT prolongation risk of medications. Login: uncdruginfo; Password: heels1</p>
<p>LiverTox</p>	<p>Resource for determining hepatotoxicity risk of medications. Information includes:</p> <ul style="list-style-type: none"> • Mechanism of injury • Outcome and management
<p>Handbook of Drug Administration via Enteral Feeding Tubes</p>	<p>Resource for determining whether a medication can be administered via enteral feeding tube. Information includes:</p> <ul style="list-style-type: none"> • Site of absorption • Administration instructions • Product information (note: this resource was published in 2015 and may not include all products and formulations)
<p>DynaMed*</p>	<p>Resource for evidence-based disease state management. Information includes:</p> <ul style="list-style-type: none"> • Epidemiology • Etiology • Diagnosis • Management • Links to relevant guidelines

*UNC ONYEN/AHEC access only