

Improve Medication Safety for Neonatal and Pediatric Patients

At a Glance



Backed by the renowned clinical resources of the Micromedex® Clinical Knowledge Suite

Population-specific drug dosing information



Patient-specific drug dosing calculators

Neonatal and pediatric drug monographs



Enteral nutrition comparison tables

The Most Complete and Trusted, Evidence-Based Neonatal and Pediatric Information Helps:

- ✔ Decrease the risk for dosing errors in the most vulnerable patients
- ✔ Enhance clinician knowledge of neonatal and pediatric drug information
- ✔ Save clinicians time in calculating drug dosages

Infants and children are an especially vulnerable patient population, particularly with regard to medication safety. In fact, it's estimated that neonatal and pediatric patients are at least three times more prone to harm from adverse drug events and medication errors than the adult population.

Micromedex® NeoFax® and Pediatrics is an Internet-based solution that addresses the unique needs of these patients to enable safer, more confident decisions about their medications.



Population-Specific Drug Information

NeoFax and Pediatrics drug monographs are focused specifically on neonatal or pediatric drug therapy. All content is evidence-based, fully referenced, off-label focused, and designed to allow clinicians quick and reliable access to only the most population-specific information.

Both patient populations are available within the same interface, providing one source of relevant drug knowledge — from the most premature neonate, up to age 18.

Patient-Specific Dosing Calculators

The NeoFax and Pediatrics solution includes dosing calculators for every drug in the system. These age- and indication-specific calculators are prepopulated with evidence-based recommendations that address dose, concentration, and administration.

This powerful clinical decision support functionality provides clinicians with the right dose for each patient quickly and accurately. It also provides warning messages for out-of-range values, significantly decreasing the risk for dosing errors.

Enteral Nutrition Support

The enteral formula database within NeoFax and Pediatrics is an additional resource to support the nutritional health and well-being of neonatal and pediatric patients.

With important information about infant formula and human milk fortifiers, this feature allows for comparison of multiple products to facilitate selection of the most appropriate nutritional support product.

Cefotaxime 2 Years, 9 Months 12 kg

Drug Use: Acute bacterial sinusitis, Severe Bacterial meningitis, Bacterial meningitis, S pneumoniae, Community-acquired pneumonia, Lyme disease

Drug Route: IV

Pediatrics: 50 mg/kg/dose every 6 hours
IV push (over 3 to 5 minutes) or IV infusion (10 to 30 minutes)
10 to 100 mg/mL

Ordered: Dose: 50 mg/kg/dose
Interval every: 6 hours
Admin. over: 5 minutes
Conc.: 100 mg/mL

Calculator Notes: 200 mg/kg/day divided every 6 hours, Max 12 grams/day. IV push (50 to 100 mg/mL), or intermittent IV infusion (10 to 40 mg/mL). Suggested duration of therapy is 7 days for *N meningitidis* and *H influenzae*, 14 to 21 days for *S agalactiae*, and 21 days for gram negative bacilli.

Change Drug | Reset Form | Calculate | Print | Drug Monograph | Comments

Peace of Mind When It Matters Most

NeoFax and Pediatrics builds on the 25-plus-year reputation of NeoFax as the leading neonatal drug information resource. The neonatal and pediatric content is backed by the comprehensive editorial processes and clinical rigor of Micromedex, using evidence-based data developed after careful review of the population-specific research literature.

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