

**MICROMEDEX NEOFAX**

**BENEFITS**

- Improves patient safety
- Decreases adverse events
- Saves clinicians time

**FEATURES**

- Neonatal referential drug monographs and enteral formulary information
- Calculators for neonatal drug dosing based on patient-specific information, including indication, weight, and age
- Comparison tables for enteral nutrition
- Evidence-based data backed by the trusted content of Micromedex®

## Meet the Constant Challenge of Medication Safety for Neonatal Patients with the Most Timely and Trusted Information Available

Micromedex® NeoFax® was developed specifically for clinicians and pharmacists who must accurately determine drug dosage and nutritional calculations for neonatal patients, based on evidence-based practices.

Micromedex NeoFax provides evidence-based drug information, age and indication-specific drug-dosing calculators, and parenteral nutrition order entry systems for neonatal populations. Our solutions help to improve safety in the care of these vulnerable patients and our evidence-based systems provide clinicians with tools to efficiently and safely manage even complex scenarios.

### Patient-Specific Tools

Our drug dosing calculators are not based on adult population information, but neonatal-specific data, which greatly reduces the likelihood of adverse events. Our tools include patient-specific calculators for the most accurate drug dosages as well as complete drug information covering over 180 substances.

### Comprehensive Data

Micromedex NeoFax provides unparalleled scope, breadth, and depth of information on commonly used medications, infant formulas, and human milk fortifiers for the neonatal population. It is backed by the comprehensive editorial content and clinical rigor of Micromedex, using evidence-based data developed after careful review of published neonatal literature and clinical studies.

### Simplified Order System

It is unique in that it provides weight-based dosing, as well as age-specific algorithms for more accurate dosing.



The National Institute of Health and Care Excellence (NICE) has accredited the process used by Truven Health Analytics to develop content used in its Micromedex® Solutions. For full details on our accreditation visit: [www.nice.org.uk/accreditation](http://www.nice.org.uk/accreditation)

Neofax

Calculator Mode: **NEONATAL**

**Gentamicin**

**Drug Use:**

Usual dosage

**Drug Route:**

IM

IV

<p><b>NeoFax®</b></p> <p>4.5 mg/kg/dose</p> <p>IV every 36 hours</p> <p>over 30 minutes</p> <p>10 mg/mL</p>	<p style="text-align: center;"><b>Ordered</b></p> <p>Dose <input type="text" value="4.5"/> mg/kg/dose</p> <p>Interval every <input type="text" value="36"/> hours</p> <p>Admin. over <input type="text" value="30"/> minutes</p> <p>Conc. <input type="text" value="10"/> mg/mL</p> <hr/> <p>Dose amount <b>8.1</b> mg/dose</p> <p>Dose volume <b>0.81</b> mL/dose</p> <p>Delivery rate <b>1.6</b> mL/hour</p>
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**Calculator Notes**

Administer as a separate infusion from penicillin-containing compounds. Measure serum concentrations when treating for more than 48 hours. Obtain peak concentration 30 minutes after end of infusion, and trough concentration just prior to the next dose. When treating patients with serious infections or significantly changing fluid or renal status consider measuring the serum concentration 24 hours after a dose.

Change Drug
Reset Form
Calculate
Print
Drug Monograph
Comments

Patient-specific dosing calculators help ensure accurate dosing.

## FOR MORE INFORMATION

For more information visit [truvenhealth.com/global](http://truvenhealth.com/global)  
 call **+1.734.786.5416** Or email us at  
[globalhealthcare@truvenhealth.com](mailto:globalhealthcare@truvenhealth.com)

**FORTIFIED EVIDENCE** | Rated, Intelligent, Single-Sourced

- Evidence-based for over 40 years
- Objectively validated, referenced, and sourced
- Unique key-factor strength-rating system
- In-house clinician editors
- Comprehensive single source

**TRUVEN**<sup>™</sup>  
 HEALTH ANALYTICS<sup>™</sup>

Truven Health Analytics delivers unbiased information, analytic tools, benchmarks, and services to the healthcare industry. Hospitals, government agencies, employers, health plans, clinicians, pharmaceutical, and medical device companies have relied on us for more than 30 years. We combine our deep clinical, financial, and healthcare management expertise with innovative technology platforms and information assets to make healthcare better by collaborating with our customers to uncover and realize opportunities for improving quality, efficiency, and outcomes. With more than 2,000 employees globally, we have major offices in Ann Arbor, Mich.; Chicago; and Denver. Advantage Suite, Micromedex, ActionOI, MarketScan, and 100 Top Hospitals are registered trademarks or trademarks of Truven Health Analytics.

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