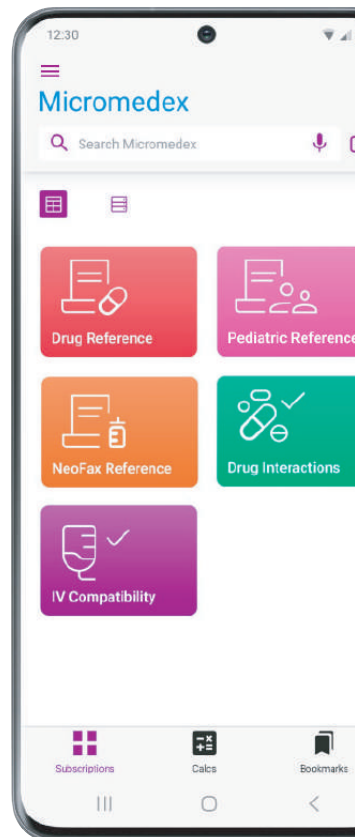Micromedex

Introducing the new mobile app

Combined access and improved user experience for our customers on iOS and Android
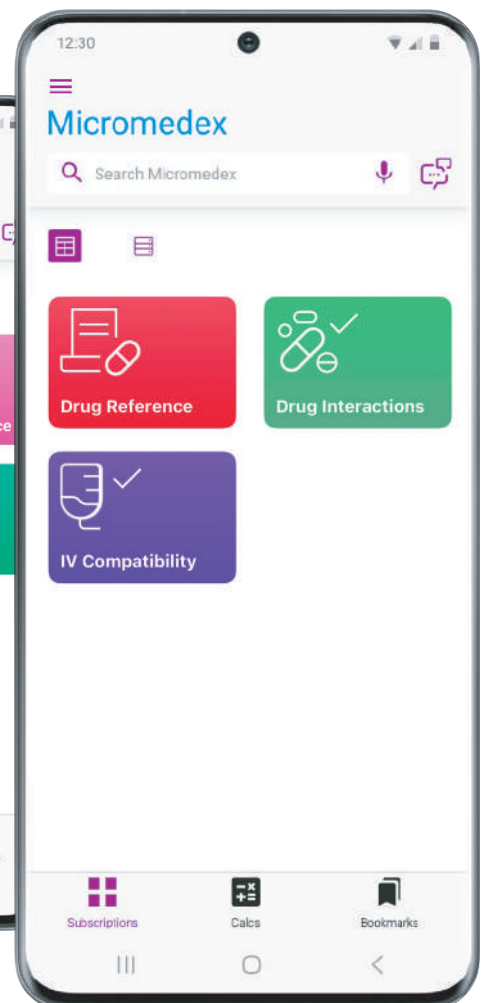
The new Micromedex mobile app delivers more efficient access to your Micromedex content, including Drug Reference, Drug Interactions, IV Compatibility, calculators, and the Micromedex Assistant. Pediatrics Reference and NeoFax® will follow in a second release.

What's new?

- Unified Access: Access to all essential drug information from a single, comprehensive app

- Improved Navigation: Intuitive user-friendly interface for easy access to information

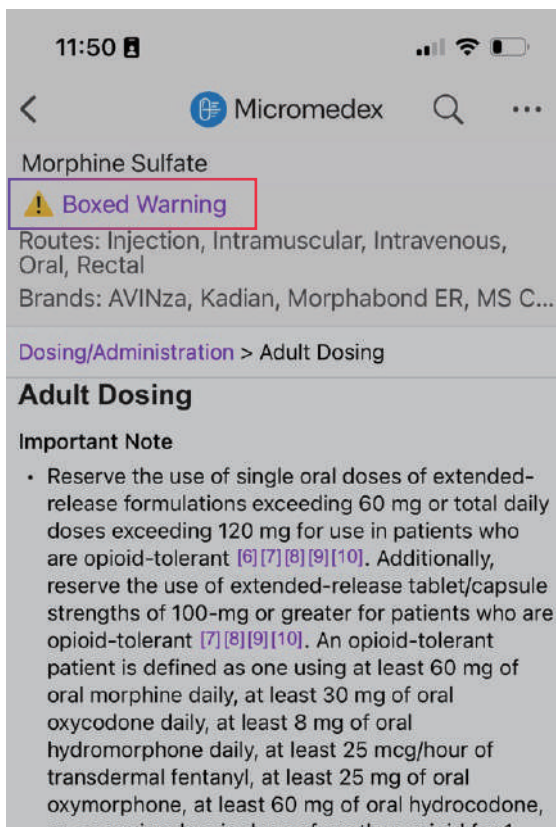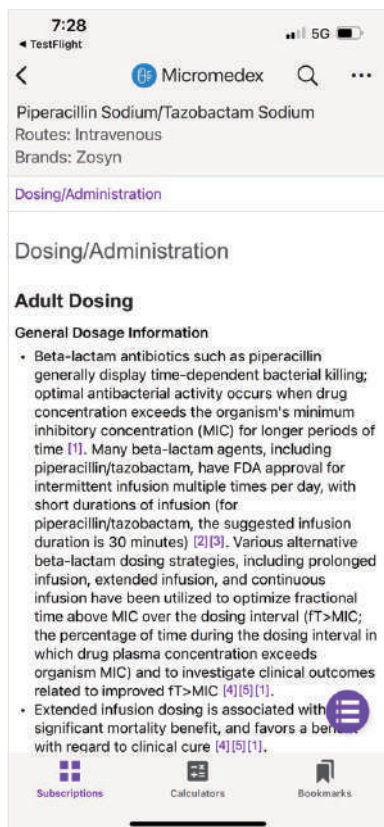- Ease of maintenance:Experience automated updates so you can stay focused on your workflow
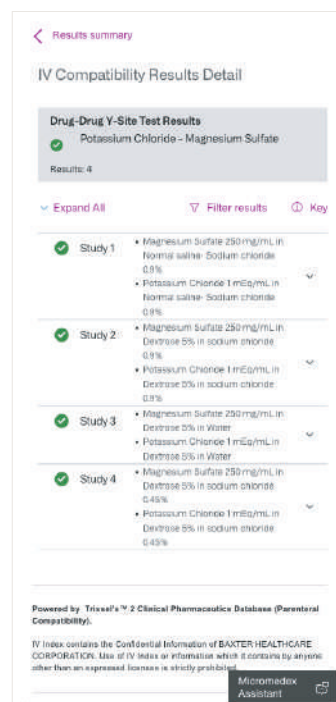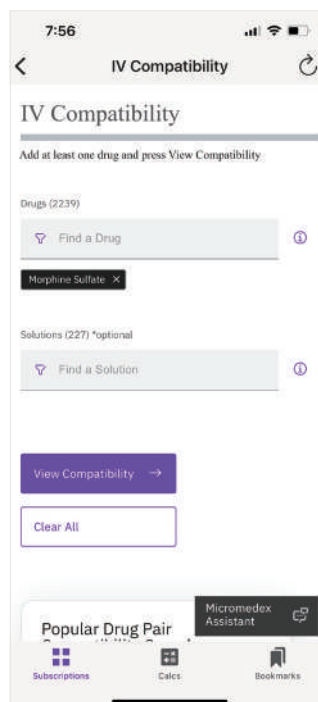
Available in the coming months.

Available now.

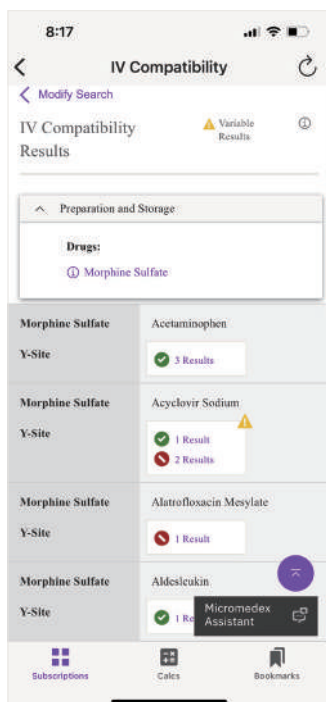Merative™

Drug Reference summary information

Piperacillin Sodium/Tazobactam Sodium
Routes: Intravenous
Brands: Zosyn

Dosing/Administration

Dosing/Administration

Adult Dosing

General Dosage Information

- Beta-lactam antibiotics such as piperacillin generally display time-dependent bacterial killing; optimal antibacterial activity occurs when drug concentration exceeds the organism's minimum inhibitory concentration (MIC) for longer periods of time [1]. Many beta-lactam agents, including piperacillin/tazobactam, have FDA approval for intermittent infusion multiple times per day, with short durations of infusion (for piperacillin/tazobactam, the suggested infusion duration is 30 minutes) [2][3]. Various alternative beta-lactam dosing strategies, including prolonged infusion, extended infusion, and continuous infusion have been utilized to optimize fractional time above MIC over the dosing interval (fT>MIC; the percentage of time during the dosing interval in which drug plasma concentration exceeds organism MIC) and to investigate clinical outcomes related to improved fT>MIC [4][5][1].
- Extended infusion dosing is associated with significant mortality benefit, and favors a benefit with regard to clinical cure [4][5][1].

Subscriptions   Calculators   Bookmarks

Morphine Sulfate
⚠ Boxed Warning
Routes: Injection, Intramuscular, Intravenous, Oral, Rectal
Brands: AVINza, Kadian, Morphabond ER, MS C...

Dosing/Administration > Adult Dosing

Adult Dosing

Important Note

- Reserve the use of single oral doses of extended-release formulations exceeding 60 mg or total daily doses exceeding 120 mg for use in patients who are opioid-tolerant [6][7][8][9][10]. Additionally, reserve the use of extended-release tablet/capsule strengths of 100-mg or greater for patients who are opioid-tolerant [7][8][9][10]. An opioid-tolerant patient is defined as one using at least 60 mg of oral morphine daily, at least 30 mg of oral oxycodone daily, at least 8 mg of oral hydromorphone daily, at least 25 mcg/hour of transdermal fentanyl, at least 25 mg of oral oxymorphone, at least 60 mg of oral hydrocodone, or an equianalgesic dose of another opioid for 1
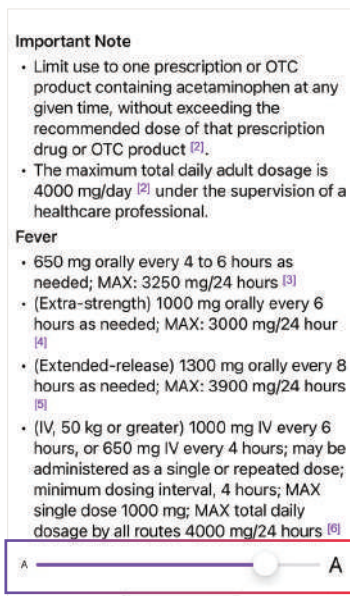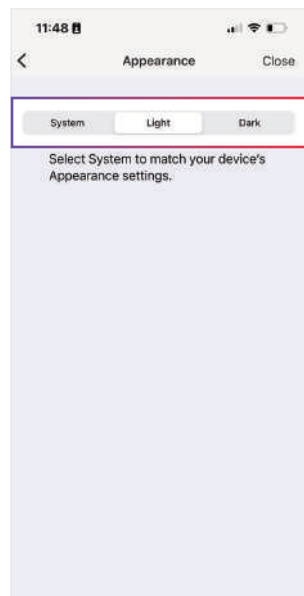
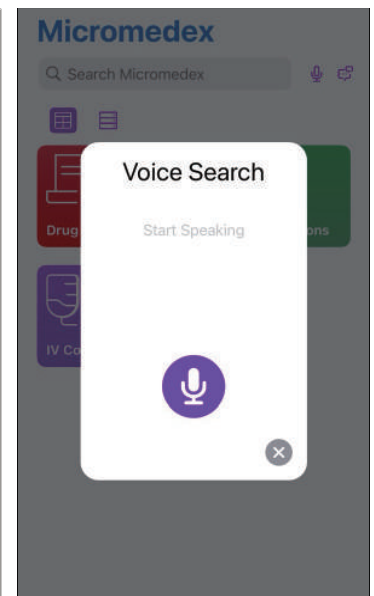# IV Compatibility tool

Drug Interactions tool

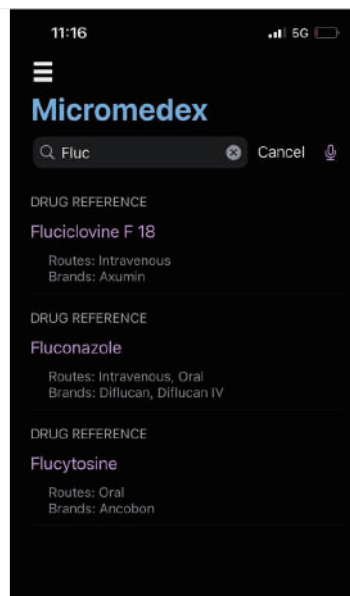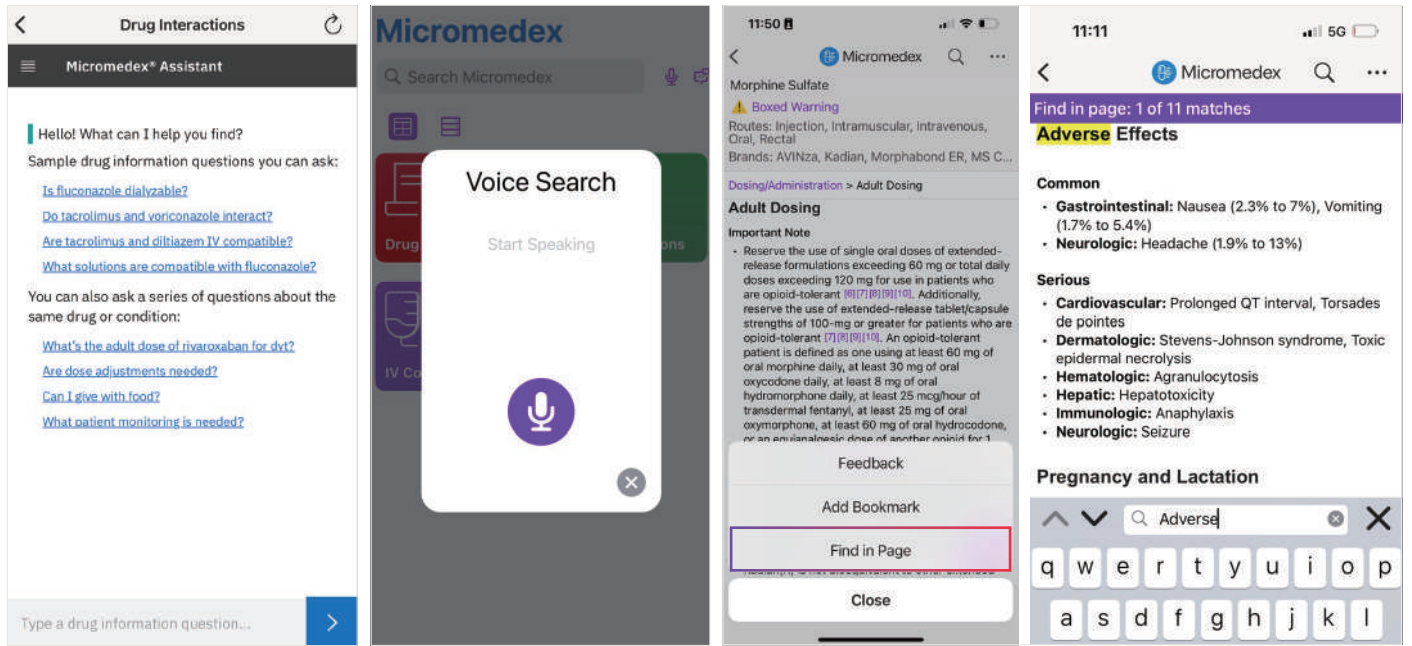# Accessibility

Adjust text size

Select your preferred background color
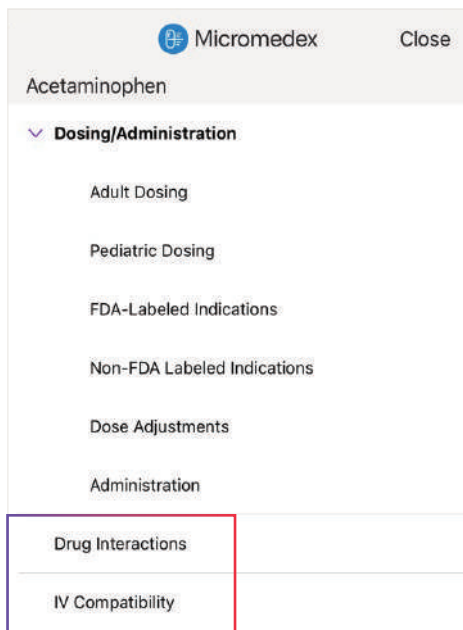

Speak your search with Voice Search (voice-to-text)

All example screen images are mobile iOS.
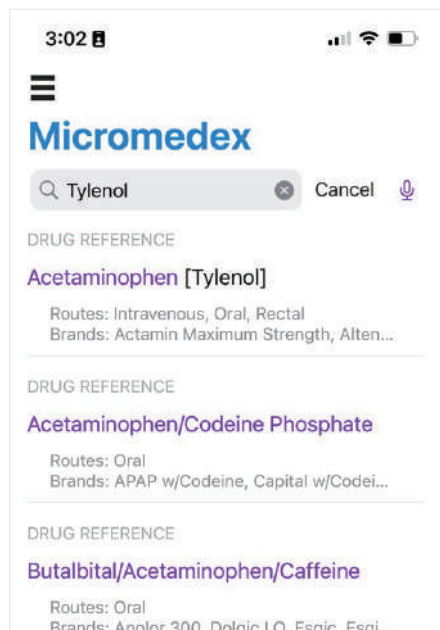
Effective search

Use the Micromedex Assistant

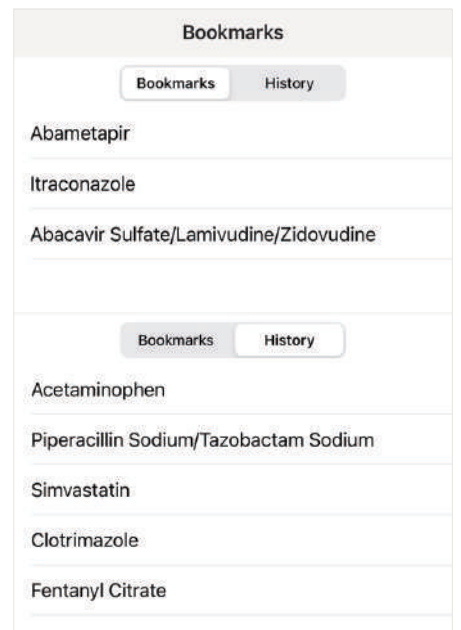Speak your search with Voice Search (voice-to-text)
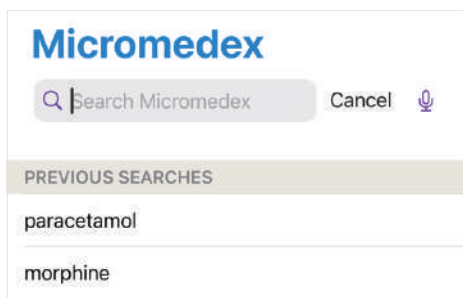

Find key text within the page

Drug monograph integration with IV Compatibility and Drug Interactions tools
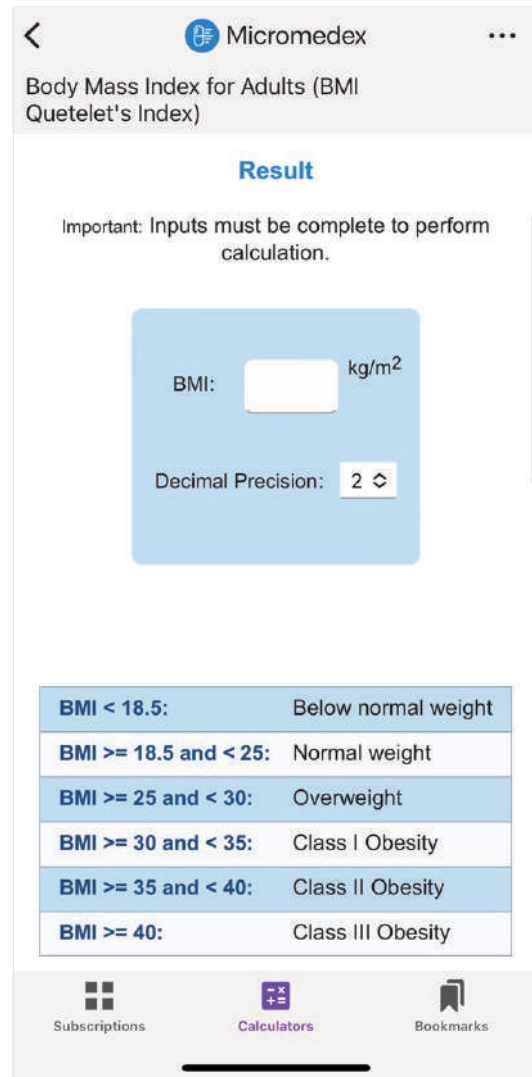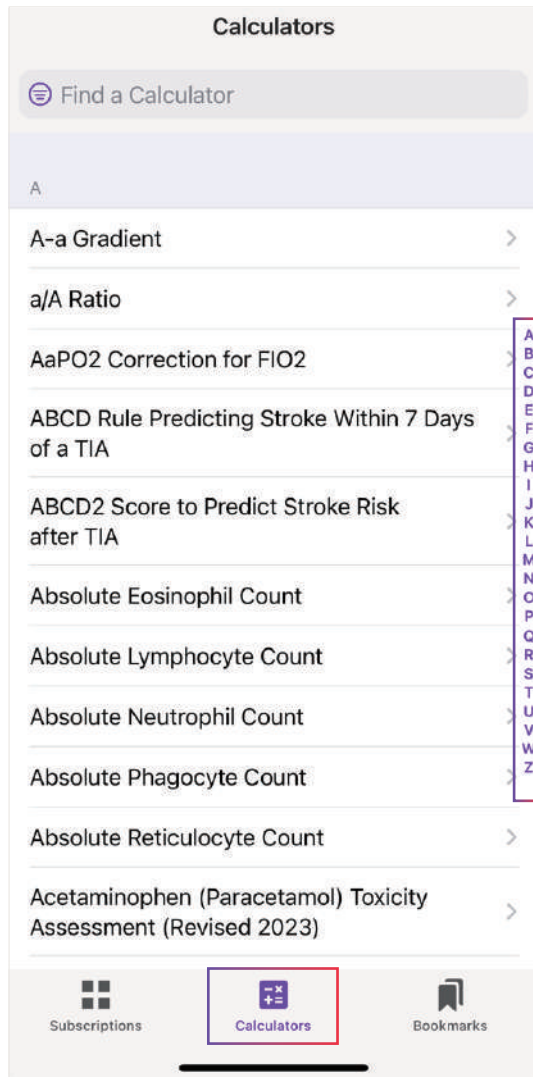

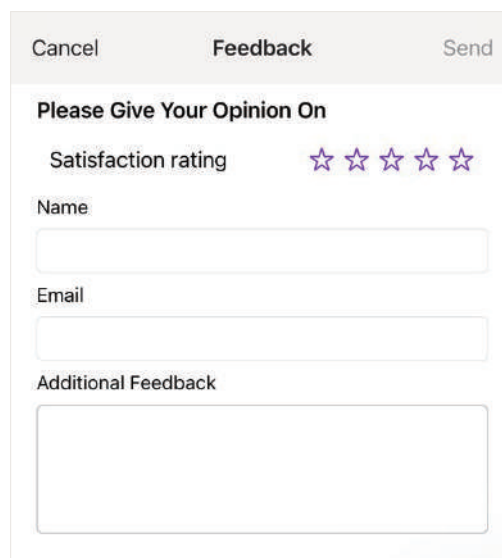View detailed search results

Bookmark and save to your history

Previous searches

700+ calculators

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Provide feedback from within the app

Search "Micromedex" in your App Store

Micromedex

Download on the **App Store**

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About Micromedex

Micromedex by Merative is trusted by healthcare professionals across 70 countries to provide award-winning clinical decision support solutions for drug and disease information and patient education. Micromedex was named Best in KLAS 2023 (clinical decision support: point of care clinical reference), is recognized as a CMS compendium, and is accredited by NICE for its robust editorial process.

Learn more at merative.com/micromedex

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