

# DynaMedex™ Tutorial

DynaMedex delivers the clinical expertise and guidance of DynaMed® with the comprehensive drug information of Micromedex®.

DynaMed®

in collaboration with

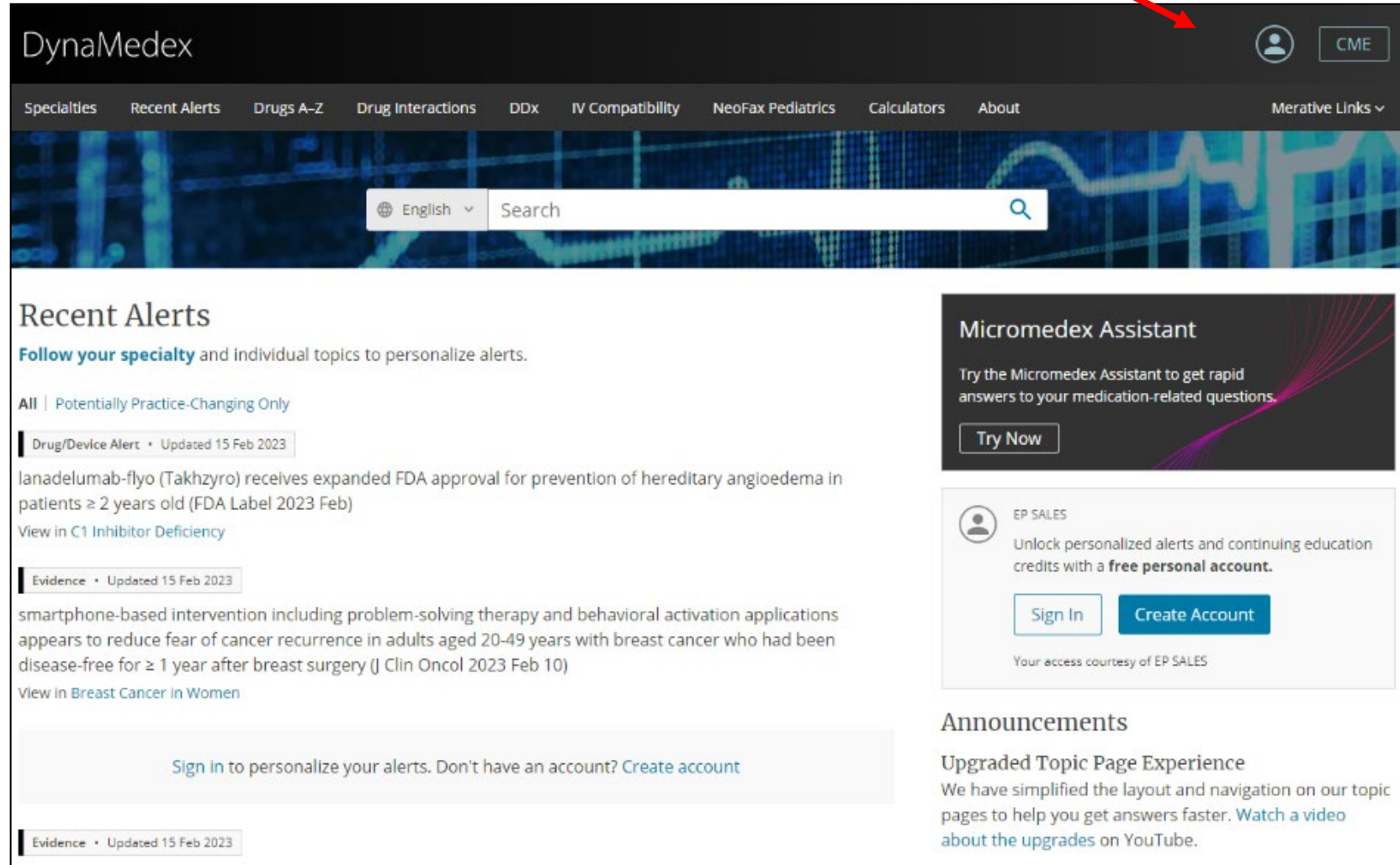


# DynaMedex Enhancements and Features

- Improved topic navigation
- Find in topic search function
- Submit feedback
- Natural-language drug queries
- IV compatibility feature
- NeoFax Pediatrics feature
- Quick, in-depth medication answers

# Accessing DynaMedex

You can access DynaMedex using your ACP member log-on credentials. You will have access to all of the interface's personalized features, including CME. You can sign in from anywhere, including the browser on your mobile device.



DynaMedex

Specialties Recent Alerts Drugs A-Z Drug Interactions DDx IV Compatibility NeoFax Pediatrics Calculators About Merative Links ▾

English ▾ Search

### Recent Alerts

Follow your specialty and individual topics to personalize alerts.

All | Potentially Practice-Changing Only

Drug/Device Alert • Updated 15 Feb 2023

Ivanadumab-flyo (Takhzyro) receives expanded FDA approval for prevention of hereditary angioedema in patients ≥ 2 years old (FDA Label 2023 Feb)

View in [C1 Inhibitor Deficiency](#)

Evidence • Updated 15 Feb 2023

smartphone-based intervention including problem-solving therapy and behavioral activation applications appears to reduce fear of cancer recurrence in adults aged 20-49 years with breast cancer who had been disease-free for ≥ 1 year after breast surgery (J Clin Oncol 2023 Feb 10)

View in [Breast Cancer in Women](#)

Sign in to personalize your alerts. Don't have an account? [Create account](#)

Evidence • Updated 15 Feb 2023

### Micromedex Assistant

Try the Micromedex Assistant to get rapid answers to your medication-related questions.

Try Now

EP SALES

Unlock personalized alerts and continuing education credits with a **free personal account**.

Sign In Create Account

Your access courtesy of EP SALES

### Announcements

#### Upgraded Topic Page Experience

We have simplified the layout and navigation on our topic pages to help you get answers faster. [Watch a video about the upgrades](#) on YouTube.

# Using Topic Search

Begin entering your search terms in the search box. As you type, topics and searches matching your terms are displayed. Select a topic in the Go To section to go directly to it or select a search term under Search For to view a result list.

Or click the Magnifying Glass at any time to view a result list.

DynaMedex

Specialties Recent Alerts Drugs A-Z Drug Interactions DDX IV Compatibility NeoFax Pediatrics Calculators About Merative Links

English Atrial

**GO TO**

- Atrial Fibrillation
- Atrial Fibrillation After Cardiac Surgery
- Atrial Fibrillation in Heart Failure
- Atrial Fibrillation Prevention
- Atrial Fibrillation Screening

**SEARCH FOR**

- atrial fibrillation
- atrial flutter
- atrial fibrillation with rapid ventricular response
- atrial fibrillation treatment
- atrial fib

**Recent Alerts**

Follow your specialty and individual topics to personalize a

**FOLLOWED** ALL TOPICS

All | Potentially Practice-Changing Only

Evidence • Updated 9 Feb 2023

in adults who were hospitalized with severe-to-critical COVID from 3 months to 1 year posthospital discharge (Eur Respir J) View in COVID-19 (Novel Coronavirus)

Guideline Summary • Updated 8 Feb 2023

American Diabetes Association (ADA) recommended glycemic targets (Diabetes Care 2023 Jan 1) View in Diabetes Mellitus Type 2 in Adults

Guideline Summary • Updated 8 Feb 2023

American Diabetes Association (ADA) diagnostic criteria for diabetes mellitus (Diabetes Care 2023 Jan 1) View in Diabetes Mellitus Type 2 in Adults

DynaMedex Assistant

Use DynaMedex Assistant to get rapid answers to your medication-related questions.

Continuing Education

Completed in 2023: 14.5

Available CME/CPD/CE Credits: 0.0

**Announcements**

Upgraded Topic Page Experience

We have simplified the layout and navigation on our topic pages to help you get answers faster. [Watch a video](#)

# Using Topic Search

You can narrow your results by Content Type using the selections in the column on the left. With shared DynaMed Decisions, you will also see tools related to your search terms available in the column on the right.

DynaMedex

MS CME 0.0

atrial fibrillation

Specialties Recent Alerts Drugs A-Z Drug Interactions DDX IV Compatibility NeoFax Pediatrics Calculators About Merative Links

SEARCH RESULTS

atrial fibrillation

ALL (835) IMAGES (11)

Were these results helpful?

**Narrow Results**

**CONTENT TYPE**

- ☐ Approach To Patient (27)
- ☐ Condition (295)
- ☐ Device (2)
- ☐ Drug Monograph (299)
- ☐ Drug Review (24)
- ☐ Lab Monograph (5)
- ☐ Procedure (27)
- ☐ Quality Improvement (2)
- ☐ Other (154)

**CALCULATOR**

**Atrial Fibrillation Five Year Risk of Stroke or Death**

[+ View More Calculator Results](#)

**CONDITION**

**Atrial Fibrillation**

It is a common arrhythmia caused by uncoordinated atrial activation and usually an irregular ventricular response.

**MANAGEMENT**

**Thromboembolic Prophylaxis in Atrial Fibrillation**

The risk of thromboembolism can be reduced by an appropriate use of antithrombotic therapy but at an increased risk of bleeding.

Thromboembolism Epidemiology and Pathogenesis

**Thromboembolism in atrial fibrillation moderate and minor risk factors**

**MANAGEMENT**

**Ablation Therapy for Atrial Fibrillation**

Ablation therapy for atrial fibrillation involves the placement of circumferential lesions within the atria and/or conduction system.

**From DynaMed Decisions**

**CLINICAL CALCULATOR**

**HAS-BLED Score: Bleeding Risk in Atrial Fibrillation**

**SHARED DECISION-MAKING TOOL**

**Atrial Fibrillation Treatment Options to Lower Stroke Risk**

**CLINICAL CALCULATOR**

**CHA2DS2-VASc Score: Stroke Risk in Atrial Fibrillation**

[Explore more at DynaMed Decisions](#)

# Using Topic Search

Use the links at the top to view all results or all images related to your search terms. If there is a Calculator related to your search terms, it will appear at the top of your result list. Click the title to view a topic or click the menu icon to view all sections of a Topic.

DynaMedex

MS CME 0.0

atrial fibrillation

Specialties Recent Alerts Drugs A-Z Drug Interactions DDx IV Compatibility NeoFax Pediatrics Calculators About Merative Links

SEARCH RESULTS

atrial fibrillation

ALL (835) IMAGES (11)

Were these results helpful?

Narrow Results

CONTENT TYPE

- ☐ Approach To Patient (27)
- ☐ Condition (295)
- ☐ Device (2)
- ☐ Drug Monograph (299)
- ☐ Drug Review (24)
- ☐ Lab Monograph (5)
- ☐ Procedure (27)
- ☐ Quality Improvement (2)
- ☐ Other (154)

CALCULATOR

Atrial Fibrillation Five Year Risk of Stroke or Death

+ View More Calculator Results

CONDITION

Atrial Fibrillation

It is a common arrhythmia caused by uncoordinated atrial activation and usually an irregular ventricular response.

MANAGEMENT

Thromboembolic Prophylaxis in Atrial Fibrillation

The risk of thromboembolism can be reduced by an appropriate use of antithrombotic therapy but at an increased risk of bleeding.

Thromboembolism Epidemiology and Pathogenesis

Thromboembolism in atrial fibrillation moderate and minor risk factors

MANAGEMENT

Ablation Therapy for Atrial Fibrillation

Ablation therapy for atrial fibrillation involves the placement of circumferential lesions within the atria and/or conduction system.

From DynaMed Decisions

CLINICAL CALCULATOR

HAS-BLED Score: Bleeding Risk in Atrial Fibrillation

SHARED DECISION-MAKING TOOL

Atrial Fibrillation Treatment Options to Lower Stroke Risk

CLINICAL CALCULATOR

CHA2DS2-VASc Score: Stroke Risk in Atrial Fibrillation

Explore more at DynaMed Decisions



# Using Topic Search

Then click a heading to go directly to that section of the topic.

The screenshot shows the DynaMedex website interface. At the top, there's a search bar with 'atrial fibrillation' entered. Below the search bar, there's a navigation menu with links like 'Specialties', 'Recent Alerts', 'Drugs A-Z', 'Drug Interactions', 'DDX', 'IV Compatibility', 'NeoFax Pediatrics', 'Calculators', and 'About'. The main content area is titled 'SEARCH RESULTS' and 'atrial fibrillation'. It shows 'ALL (835)' results and 'IMAGES (11)'. On the left, there's a 'Narrow Results' section with 'CONTENT TYPE' filters. The main results area shows a 'CALCULATOR' for 'Atrial Fibrillation Five Year Risk of Stroke or Death' and a 'CONDITION' section for 'Atrial Fibrillation'. A red arrow points to a dropdown menu titled 'From DynaMed Decisions' which lists various sub-topics: Overview and Recommendations, Related Topics, General Information, Epidemiology, Etiology and Pathogenesis, History and Physical, Diagnosis, Management, Complications and Prognosis, Prevention and Screening, Quality Improvement, Guidelines and Resources, and Patient Information.

DynaMedex

MS CME 0.0

atrial fibrillation

Specialties Recent Alerts Drugs A-Z Drug Interactions DDX IV Compatibility NeoFax Pediatrics Calculators About Merative Links

SEARCH RESULTS

atrial fibrillation

ALL (835) IMAGES (11)

Were these results helpful?

Narrow Results

CONTENT TYPE

- ☐ Approach To Patient (27)
- ☐ Condition (295)
- ☐ Device (2)
- ☐ Drug Monograph (299)
- ☐ Drug Review (24)
- ☐ Lab Monograph (5)
- ☐ Procedure (27)
- ☐ Quality Improvement (2)
- ☐ Other (154)

CALCULATOR

Atrial Fibrillation Five Year Risk of Stroke or Death

+ View More Calculator Results

CONDITION

Atrial Fibrillation

It is a common arrhythmia caused by uncoordinated atrial activation and usually an irregular ventricular response.

MANAGEMENT

Thromboembolic Prophylaxis in Atrial Fibrillation

The risk of thromboembolism can be reduced by an appropriate use of antithrombotic therapy but at an increased risk of bleeding.

Thromboembolism Epidemiology and Pathogenesis

Thromboembolism in atrial fibrillation moderate and minor risk factors

MANAGEMENT

Ablation Therapy for Atrial Fibrillation

Ablation therapy for atrial fibrillation involves the placement of circumferential lesions within the atria and/or conduction system.

From DynaMed Decisions

- Overview and Recommendations
- Related Topics
- General Information
- Epidemiology
- Etiology and Pathogenesis
- History and Physical
- Diagnosis
- Management
- Complications and Prognosis
- Prevention and Screening
- Quality Improvement
- Guidelines and Resources
- Patient Information

# Topic Updates

When viewing a topic, the latest updates to the information can be viewed by clicking Updates.

DynaMedex

Specialties Recent Alerts Drugs A-Z Drug Interactions DDx IV Compatibility NeoFax Pediatrics Calculators About Merative Links

## Atrial Fibrillation

TOPIC IMAGES (5) **UPDATES**

SECTIONS:

- Overview and Recommendations**
- Related Topics
- General Information
- Epidemiology
- Etiology and Pathogenesis
- History and Physical
- Diagnosis
- Management
- Complications and Prognosis
- Prevention and Screening
- Quality Improvement
- Guidelines and Resources
- Patient Information
- References

### Overview and Recommendations

In this Section

#### Background

- Atrial fibrillation (AF) is a common supraventricular tachyarrhythmia caused by uncoordinated atrial activation and associated with an irregularly irregular ventricular response.
- Causes of atrial fibrillation include an underlying structural heart disease, metabolic disorders, endocrine diseases, and certain medications.
- The prevalence of AF is approximately 1%-2% in the general population of developed countries.
- Definitions of AF:
  - Paroxysmal AF is recurrent atrial fibrillation that terminates spontaneously, lasting possibly up to 7 days, but usually < 48 hours.
  - Persistent AF is atrial fibrillation that is sustained > 7 days, but < 1 year.
  - Longstanding persistent AF is atrial fibrillation that is persistent for > 1 year, and in which management of rhythm is being actively pursued.
  - Permanent AF refers to atrial fibrillation where the patient and physician agree to stop additional attempts to restore normal sinus rhythm because atrial fibrillation cannot be converted anymore.
  - Lone AF was used to describe paroxysmal, persistent, or permanent atrial fibrillation in younger patients (such as patients < 65 years old) with no clinical history or echocardiographic evidence of cardiovascular disease, but the term has been abandoned due to its imprecision and lacking a standard definition.

Patients with AF are at a significantly increased risk of heart failure and thromboembolism and

TOPIC EDITOR  
Panagiotis Papageorgiou MD, PhD

RECOMMENDATIONS EDITOR  
Amir Qaseem MD, PhD, MHA, FACP

DEPUTY EDITOR  
Peter Oettgen MD

ACP REVIEWER  
Jason G. Andrade MD, FRCPC, FHRS

Produced in collaboration with  
American College of Physicians  
**ACP**

Images [All \(5\)](#)



# Topic Sections

To view the individual sections within the record, click the desired heading in the column on the left. You can also use the Previous and Next Section links to navigate the sections of the topic. When available for a section of a topic, you can jump to a subsection using the links in the In this Section menu.

DynaMedex

MS CME 0.5 Search

Specialties Recent Alerts Drugs A-Z Drug Interactions DDx IV Compatibility NeoFax Pediatrics Calculators About Merative Links

## Atrial Fibrillation

TOPIC IMAGES (5) UPDATES

SECTIONS:

- Overview and Recommendations
- Related Topics
- General Information**
- Epidemiology
- Etiology and Pathogenesis
- History and Physical
- Diagnosis
- Management
- Complications and Prognosis
- Prevention and Screening
- Quality Improvement
- Guidelines and Resources
- Patient Information
- References

**General Information**

[In this Section](#)

- Description
- Also Called
- Definitions

[< Previous Section](#) [Next Section >](#)

TOPIC EDITOR  
Panagiotis Papageorgiou MD, PhD

RECOMMENDATIONS EDITOR  
Amir Qaseem MD, PhD, MHA, FACP

DEPUTY EDITOR  
Peter Oettgen MD

ACP REVIEWER  
Jason G. Andrade MD, FRCPC, FHRP

Produced in collaboration with American College of Physicians

ACP

Images [All \(5\)](#)

General Information

Arrhythmia caused by uncoordinated ventricular response. <sup>1</sup>

**Also Called**

- AF
- a fib

**Definitions**

- first-diagnosed or first-time atrial fibrillation, often called new-onset atrial fibrillation, is when it is newly diagnosed in a patient, regardless of duration of atrial fibrillation or presence and severity of symptoms
- paroxysmal atrial fibrillation defined as
  - atrial fibrillation that terminates within 7 days of onset (usually < 48 hours) either spontaneously or with interventions
  - may recur with variable frequency
- recurrent atrial fibrillation defined as  $\geq 2$  episodes of atrial fibrillation
- persistent atrial fibrillation defined as atrial fibrillation that is sustained > 7 days or requires termination by cardioversion or ablation

# Topic Page Tools

From a topic, you can use the tools at the top of the page to Print, Follow, Cite or Share the topic.

DynaMedex

MS CME 0.5 Search

Specialties Recent Alerts Drugs A-Z Drug Interactions DDx IV Compatibility NeoFax Pediatrics Calculators About Merative Links

## Atrial Fibrillation

TOPIC IMAGES (5) UPDATES

SECTIONS:

- Overview and Recommendations
- Related Topics
- General Information**
- Epidemiology
- Etiology and Pathogenesis
- History and Physical
- Diagnosis
- Management
- Complications and Prognosis
- Prevention and Screening
- Quality Improvement
- Guidelines and Resources
- Patient Information
- References

### General Information

In this Section

#### Description

- Atrial fibrillation is an abnormal supraventricular tachyarrhythmia caused by uncoordinated atrial activation and usually associated with irregular ventricular response. <sup>1</sup>

#### Also Called

- AF
- a fib

#### Definitions

- first-diagnosed or first-time atrial fibrillation, often called new-onset atrial fibrillation, is when it is newly diagnosed in a patient, regardless of duration of atrial fibrillation or presence and severity of symptoms
- paroxysmal atrial fibrillation defined as
  - atrial fibrillation that terminates within 7 days of onset (usually < 48 hours) either spontaneously or with interventions
  - may recur with variable frequency
- recurrent atrial fibrillation defined as  $\geq 2$  episodes of atrial fibrillation
- persistent atrial fibrillation defined as atrial fibrillation that is sustained > 7 days or requires termination by cardioversion or ablation

< Previous Section Next Section >

TOPIC EDITOR  
Panagiotis Papageorgiou MD, PhD

RECOMMENDATIONS EDITOR  
Amir Qaseem MD, PhD, MHA, FACP

DEPUTY EDITOR  
Peter Oettgen MD

ACP REVIEWER  
Jason G. Andrade MD, FRCP, FHRS

Produced in collaboration with American College of Physicians

ACP

Images All (5)

# Topic Alerts

To follow topics, click the Follow button and select one of the available email options. You can select to receive All Email Alerts, Only Potentially Practice-Changing Email Alerts or to view alerts on the Home screen while receiving no emails.

You must be signed into your account to follow topics.

The screenshot displays the DynaMedex website interface. At the top, the 'DynaMedex' logo is visible alongside navigation links for 'MS', 'CME 0.5', and a search bar. Below the header, a navigation bar lists various medical topics: 'Specialties', 'Recent Alerts', 'Drugs A-Z', 'Drug Interactions', 'DDx', 'IV Compatibility', 'NeoFax Pediatrics', 'Calculators', and 'About'. The main content area is titled 'Atrial Fibrillation' and includes tabs for 'TOPIC', 'IMAGES (5)', and 'UPDATES'. A sidebar on the left lists 'SECTIONS' such as 'Overview and Recommendations', 'Related Topics', 'General Information', 'Epidemiology', 'Etiology and Pathogenesis', 'History and Physical', 'Diagnosis', 'Management', 'Complications and Prognosis', 'Prevention and Screening', 'Quality Improvement', 'Guidelines and Resources', 'Patient Information', and 'References'. The main text area shows 'General Information' with a list of topics: 'Atrial fibrillation', 'activation', 'Also Called', 'AF', 'a fib', and 'Definition'. A 'Follow' dialog box is overlaid in the center, prompting the user to 'Get alerts when there are significant updates to this content.' and offering three options: 'All Email Alerts', 'Only Potentially Practice-Changing Email Alerts' (which is selected), and 'No email, please. Just show me alerts on DynaMedex.' The dialog box includes 'Follow' and 'Cancel' buttons. A red circle highlights the 'Follow' button in the top right corner of the topic page, with a red arrow pointing from it to the 'Follow' button in the dialog box.

# Managing Alerts

Returning to the Home screen, click the Manage link under Recent Alerts or click the account icon and select My Followed Content to view your followed topics and specialties. Click the View All Alerts button under Recent Alerts to view updates to all topics.

The screenshot displays the DynaMedex website interface. At the top, the DynaMedex logo is on the left, and a navigation bar contains links for Specialties, Recent Alerts, Drugs A-Z, Drug Interactions, DDx, IV Compatibility, NeoFax Pediatrics, Calculators, and About. A user profile icon labeled 'MS M Smith EP SALES' is in the top right corner. Below the navigation bar is a search bar with a language dropdown set to 'English'. The main content area is titled 'Recent Alerts' and includes a sub-header 'Follow your specialty and individual topics to personalize alerts. **Manage** followed content.' The 'Manage' link is highlighted with a red box. Below this are tabs for 'FOLLOWED' and 'ALL TOPICS'. The 'FOLLOWED' tab is active, showing a list of alerts. The first alert is an 'Evidence' update from February 9, 2023, regarding COVID-19 recovery. The second is a 'Guideline Summary' update from February 8, 2023, about glycemic targets for diabetes. The third is another 'Guideline Summary' update from February 8, 2023, about diagnostic criteria for diabetes. The fourth is an 'Outbreak Alert' update from February 2, 2023. On the right side of the page, there is a 'Micromedex Assistant' section with a 'Try Now' button, a 'My Continuing Education' section showing 14.5 AMA/AAFP credits and a 'Claim Credits' button, and an 'Announcements' section titled 'Upgraded Topic Page Experience'. A red arrow points from the 'Manage' link in the 'Recent Alerts' section to the 'My Followed Content' option in the user account menu.

DynaMedex

Specialties Recent Alerts Drugs A-Z Drug Interactions DDx IV Compatibility NeoFax Pediatrics Calculators About

English Search

MS M Smith EP SALES

My Followed Content  
Switch Location  
Account Settings  
SIGN OUT

## Recent Alerts

Follow your specialty and individual topics to personalize alerts. **Manage** followed content.

FOLLOWED ALL TOPICS

All | Potentially Practice-Changing Only

Evidence • Updated 9 Feb 2023

in adults who were hospitalized with severe-to-critical COVID-19, respiratory recovery status appears to improve from 3 months to 1 year posthospital discharge (Eur Respir J 2023 Jan 20 early online)  
View in COVID-19 (Novel Coronavirus)

Guideline Summary • Updated 8 Feb 2023

American Diabetes Association (ADA) recommended glycemic targets in nonpregnant adults with diabetes (Diabetes Care 2023 Jan 1)  
View in Diabetes Mellitus Type 2 in Adults

Guideline Summary • Updated 8 Feb 2023

American Diabetes Association (ADA) diagnostic criteria for diabetes mellitus (Diabetes Care 2023 Jan 1)  
View in Diabetes Mellitus Type 2 in Adults

Outbreak Alert • Updated 2 Feb 2023

### Micromedex Assistant

Try the Micromedex Assistant to get rapid answers to your medication-related questions.

Try Now

### My Continuing Education

M Smith

Credits claimed in 2023:

AMA/AAFP 14.5

Available CME/CPD/CE Credits: 0.5

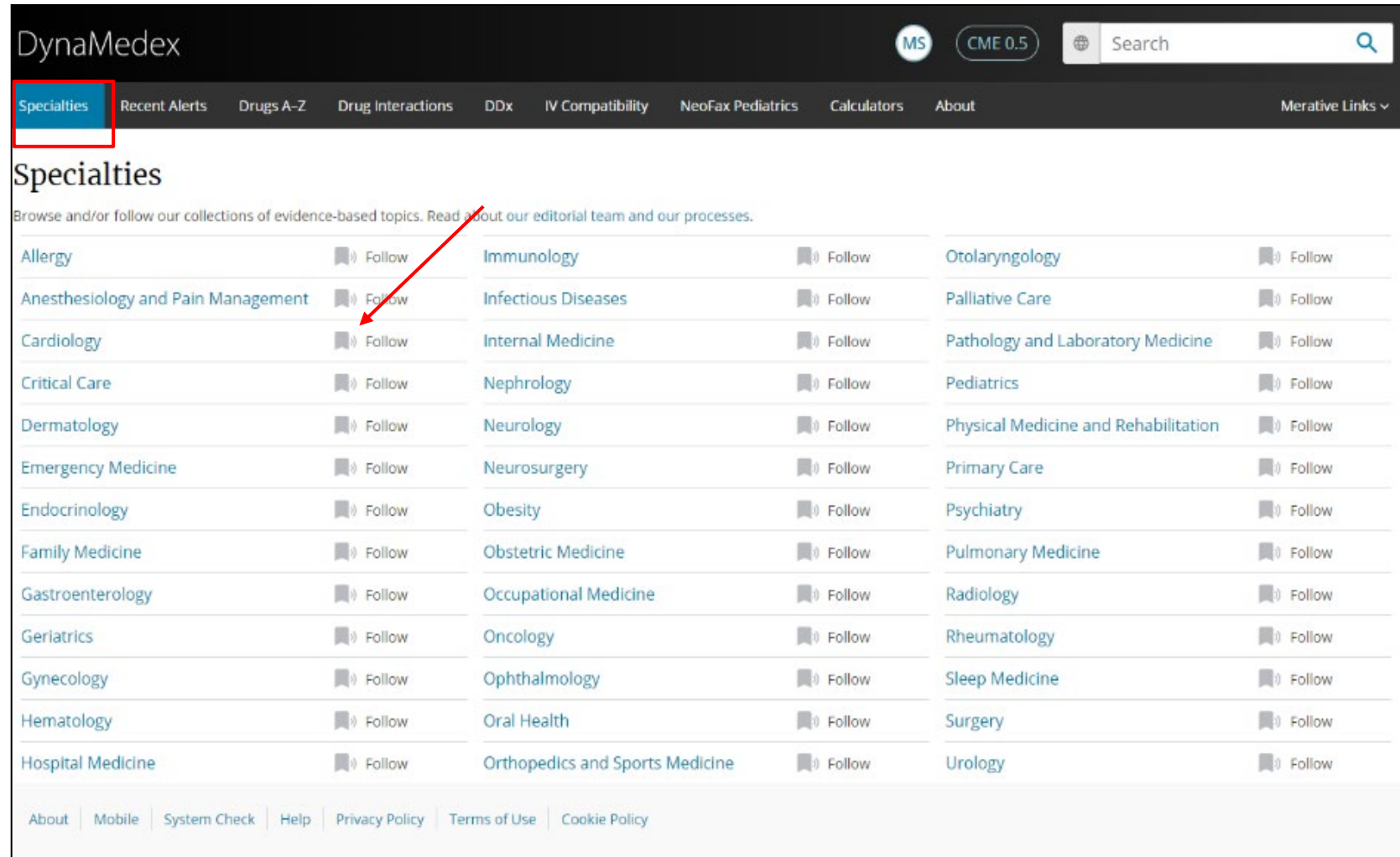
Claim Credits

### Announcements

Upgraded Topic Page Experience

# Browsing Topics by Specialty

To browse available topics by specialty, click Specialties and make your selection. You may also choose to follow a specialty to be notified about updates by clicking the follow icon next to the hyperlinked name.



DynaMedex

MS CME 0.5 Search

Specialties Recent Alerts Drugs A-Z Drug Interactions DDx IV Compatibility NeoFax Pediatrics Calculators About Merative Links

## Specialties

Browse and/or follow our collections of evidence-based topics. Read about our editorial team and our processes.

Allergy	Follow	Immunology	Follow	Otolaryngology	Follow
Anesthesiology and Pain Management	Follow	Infectious Diseases	Follow	Palliative Care	Follow
Cardiology	Follow	Internal Medicine	Follow	Pathology and Laboratory Medicine	Follow
Critical Care	Follow	Nephrology	Follow	Pediatrics	Follow
Dermatology	Follow	Neurology	Follow	Physical Medicine and Rehabilitation	Follow
Emergency Medicine	Follow	Neurosurgery	Follow	Primary Care	Follow
Endocrinology	Follow	Obesity	Follow	Psychiatry	Follow
Family Medicine	Follow	Obstetric Medicine	Follow	Pulmonary Medicine	Follow
Gastroenterology	Follow	Occupational Medicine	Follow	Radiology	Follow
Geriatrics	Follow	Oncology	Follow	Rheumatology	Follow
Gynecology	Follow	Ophthalmology	Follow	Sleep Medicine	Follow
Hematology	Follow	Oral Health	Follow	Surgery	Follow
Hospital Medicine	Follow	Orthopedics and Sports Medicine	Follow	Urology	Follow

About Mobile System Check Help Privacy Policy Terms of Use Cookie Policy

# Drugs A-Z Feature

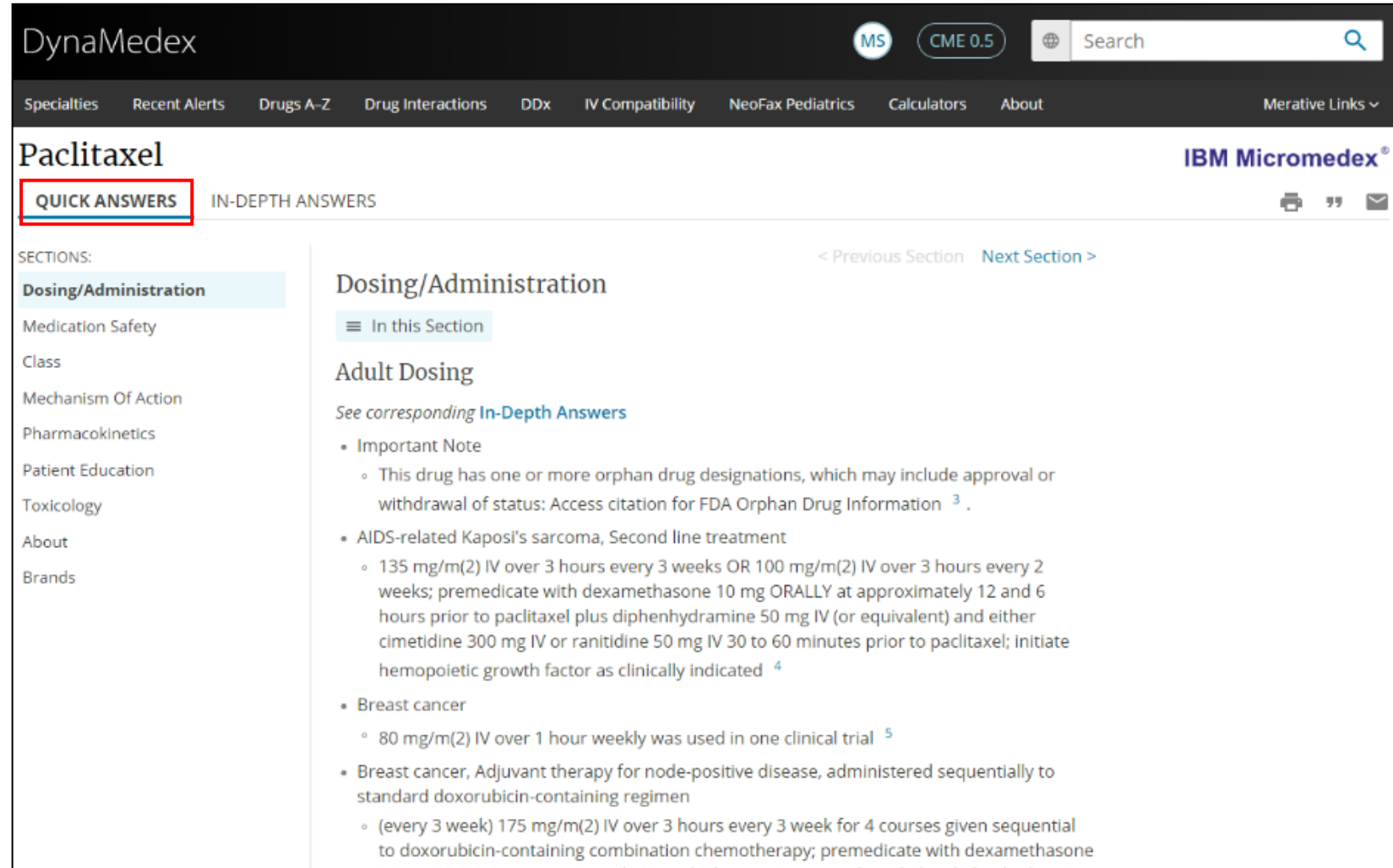
The Drugs A-Z browse feature allows you to browse Micromedex drug monographs alphabetically. Click the Drugs A-Z link and then click a letter to browse drugs alphabetically. Drug content can also be accessed by a keyword search from the main search box or via drug monograph references in disease and condition topics.

The screenshot shows the DynaMedex website interface. At the top, the DynaMedex logo is on the left, and navigation links for MS, CME 0.5, and a search bar are on the right. Below this is a dark navigation bar with links: Specialties, Recent Alerts, Drugs A-Z (highlighted with a red box), Drug Interactions, DDx, IV Compatibility, NeoFax Pediatrics, Calculators, and About. A Merative Links dropdown is on the far right. The main content area is titled 'Drugs A-Z' and 'Powered by IBM Micromedex'. Below this is a horizontal bar with letters A through Z and a hash symbol. The letter 'P' is highlighted with a red arrow. Underneath the 'P' bar, a list of drugs starting with 'P' is displayed: Paclitaxel, Paclitaxel Protein-Bound, Pacritinib, Pafolacianine, Palbociclib, Palifermin, Paliperidone, Paliperidone Palmitate, Palivizumab, Palonosetron, and Pamidronate.



# Drug Quick Answers

Select a drug from the list to view the drug topic. Within the topic you can get Quick Answers which is summary level drug information that is succinct, actionable at the point-of-care, and designed to get you an answer quickly.



**DynaMedex** MS CME 0.5 Search

Specialties Recent Alerts Drugs A-Z Drug Interactions DDx IV Compatibility NeoFax Pediatrics Calculators About Merative Links

## Paclitaxel

**QUICK ANSWERS** IN-DEPTH ANSWERS

SECTIONS:

- Dosing/Administration**
- Medication Safety
- Class
- Mechanism Of Action
- Pharmacokinetics
- Patient Education
- Toxicology
- About
- Brands

< Previous Section Next Section >

### Dosing/Administration

In this Section

#### Adult Dosing

See corresponding [In-Depth Answers](#)

- Important Note
  - This drug has one or more orphan drug designations, which may include approval or withdrawal of status: Access citation for FDA Orphan Drug Information <sup>3</sup>.
- AIDS-related Kaposi's sarcoma, Second line treatment
  - 135 mg/m<sup>2</sup> IV over 3 hours every 3 weeks OR 100 mg/m<sup>2</sup> IV over 3 hours every 2 weeks; premedicate with dexamethasone 10 mg ORALLY at approximately 12 and 6 hours prior to paclitaxel plus diphenhydramine 50 mg IV (or equivalent) and either cimetidine 300 mg IV or ranitidine 50 mg IV 30 to 60 minutes prior to paclitaxel; initiate hemopoietic growth factor as clinically indicated <sup>4</sup>
- Breast cancer
  - 80 mg/m<sup>2</sup> IV over 1 hour weekly was used in one clinical trial <sup>5</sup>
- Breast cancer, Adjuvant therapy for node-positive disease, administered sequentially to standard doxorubicin-containing regimen
  - (every 3 week) 175 mg/m<sup>2</sup> IV over 3 hours every 3 week for 4 courses given sequential to doxorubicin-containing combination chemotherapy; premedicate with dexamethasone 30 mg ORALLY at approximately 12 and 6 hours prior to paclitaxel; initiate hemopoietic growth factor as clinically indicated

# Drug In-Depth Answers

Click the In-Depth Answers tab for the detailed drug information required to answer more complex questions. This information is clinically consistent with the summary drug information.

The screenshot displays the DynaMedex website interface. At the top, the 'DynaMedex' logo is on the left, and navigation links for 'MS', 'CME 0.5', a search bar, and a globe icon are on the right. Below this is a horizontal menu with links: 'Specialties', 'Recent Alerts', 'Drugs A-Z', 'Drug Interactions', 'DDx', 'IV Compatibility', 'NeoFax Pediatrics', 'Calculators', 'About', and 'Merative Links'. The main content area is titled 'Paclitaxel' with the 'IBM Micromedex' logo in the top right corner. Below the title, there are two tabs: 'QUICK ANSWERS' and 'IN-DEPTH ANSWERS', with the latter being highlighted by a red rectangular box. To the left of the main content is a vertical sidebar menu listing various topics: 'Dosing/Administration', 'Adult Dosing', 'Pediatric Dosing', 'FDA Uses', 'Non-FDA Uses', 'Dose Adjustments', 'Administration', 'Comparative Efficacy', 'Place In Therapy', 'Medication Safety', 'Contraindications', 'Precautions', 'Adverse Effects', 'Black Box Warning', 'Drug Interactions (single)', 'IV Compatibility (single)', 'Pregnancy & Lactation', 'Monitoring', and 'Mechanism Of Action'. The main content area under the 'IN-DEPTH ANSWERS' tab shows the 'Adult Dosing' section, which includes a link to 'See corresponding Quick Answers' and a list of 'Normal Dosage' regimens for various cancer types, such as 'Bladder cancer, Gemcitabine Paclitaxel Regimen' and 'Breast cancer, AC Followed by T with Trastuzumab Regimen'.

# Drug Interactions and Micromedex Assistant

When using DynaMedex, you can use natural language queries in Micromedex Assistant to find drug and allergy interactions. Begin by clicking Drug Interactions in the toolbar. You can also access the Assistant at any time by clicking Micromedex Assistant at the bottom of the screen.

The screenshot displays the DynaMedex website interface. The top navigation bar includes links for Specialties, Recent Alerts, Drugs A-Z, **Drug Interactions** (highlighted with a red box), DDX, IV Compatibility, NeoFax Pediatrics, Calculators, and About. A search bar is located below the navigation bar. The main content area shows 'Recent Alerts' with a 'FOLLOWED' tab selected. A red arrow points from the 'Micromedex Assistant' button at the bottom right of the page to the 'Micromedex Assistant' button within the 'Drug Interactions Search' overlay. The overlay also features a 'Find a Drug' button and a 'Find an allergy' button. The bottom of the page includes a footer with the URL <https://www.dynamedex.com/?watsonLaunch=drugInteraction>.

# Drug Interactions and Micromedex Assistant

Enter a drug name in the Drugs search box. Select a drug from the list and click Done. Your selected drug is added to the list of drugs to be searched. If searching for a drug interaction with a specific drug, enter another drug in the search box. Select the drug from the list and click Done. Your selected drug is also added to the list to be searched.

The screenshot displays the DynaMedex website with the Micromedex Assistant overlay. The main navigation bar includes links for Specialties, Recent Alerts, Drugs A-Z, Drug Interactions, DDx, IV Compatibility, NeoFax Pediatrics, Calculators, and About. The Micromedex Assistant interface features a 'Drug Interactions Search' section with a search bar and a list of drugs. Two drugs, 'Linezolid' and 'PROzac', are selected and highlighted with red boxes. Below the drug list, there are buttons for 'Clear All' and 'View Interactions', with the latter also highlighted by a red box. The background shows the 'Recent Alerts' section with various medical updates.



# Drug Allergy Search and Micromedex Assistant

If you would like to add a specific allergy to your search, enter an allergy in the Allergies search box. Select it from the list and click Done. After making your selections, click the View Interactions button to execute your search. Your results are displayed in the Micromedex Assistant.

Click the expand arrows for the interactions you would like to review.

The screenshot shows the DynaMedex website interface. The top navigation bar includes links for Specialties, Recent Alerts, Drugs A-Z, Drug Interactions, DDx, IV Compatibility, NeoFax Pediatrics, Calculators, and About. A search bar is located in the center, with a language dropdown set to English. Below the search bar, the 'Recent Alerts' section is visible, featuring a 'FOLLOWED' tab and a list of alerts. The 'Micromedex Assistant' panel is open on the right side, showing a 'Submitted Search' for 'Linezolid' and 'PROzac'. The 'Results Summary' section is expanded, displaying a list of interaction categories with expandable arrows. The categories include: Drug-Drug Interactions (1), Ingredient Duplication (0), Drug-ALLERGY Interactions (0), Drug-FOOD Interactions (3), Drug-ETHANOL Interactions (0), Drug-LAB Interactions (1), Drug-TOBACCO Interactions (0), Drug-PREGNANCY Interactions (0), and Drug-LACTATION Interactions (0). The 'Micromedex Assistant' button is visible at the bottom of the panel.

# IV Compatibility Feature

The IV Compatibility Feature functions with the Micromedex Assistant in the similar way as the Drug Interactions function.

The screenshot displays the DynaMedex application interface. At the top, there is a navigation bar with 'DynaMedex' and 'DynaMed' Decisions. Below this is a dark header with the 'DynaMedex' logo and a navigation menu including 'Specialties', 'Recent Alerts', 'Drugs A-Z', 'Drug Interactions', 'IV Compatibility', and 'NeoFax Pediatrics'. The main content area is titled 'Specialties' and lists various medical fields with 'Follow' buttons. An overlay window titled 'Merative Micromedex®' is open, featuring an 'IV Compatibility Search' section with instructions to 'Add at least one IV drug and tap View Compatibility.' It includes two search fields: 'Drugs' with a 'Find a Drug' button and 'Solutions \*optional' with a 'Find a Solution' button. At the bottom of the overlay, there are buttons for 'Clear All', 'View Compatibility', and 'Micromedex Assistant'. The bottom of the app shows a 'Micromedex Assistant' button and a 'Feedback' button.

DynaMedex DynaMed' Decisions

DynaMedex

Specialties Recent Alerts Drugs A-Z Drug Interactions IV Compatibility NeoFax Pediatrics

### Specialties

Browse and/or follow our collections of evidence-based topics. Read about our editorial team and our processes

Allergy	Follow	Immunology	Follow
Anesthesiology and Pain Management	Follow	Infectious Diseases	Follow
Cardiology	Follow	Internal Medicine	Follow
Critical Care	Follow	Nephrology	Follow
Dermatology	Follow	Neurology	Follow
Emergency Medicine	Follow	Neurosurgery	Follow
Endocrinology	Follow	Obesity	Follow
Family Medicine	Follow	Obstetric Medicine	Follow

Merative Micromedex®

### IV Compatibility Search

Add at least one IV drug and tap View Compatibility.

Drugs

Find a Drug

Solutions \*optional

Find a Solution

Micromedex Assistant

Micromedex Assistant Feedback



# NeoFax Pediatrics Feature

The NeoFax Pediatrics Feature offers evidence-based drug and enteral formula nutritional information to support neonatal and pediatric care.

The screenshot displays the Merative Micromedex website with the NeoFax Pediatrics feature highlighted. The top navigation bar includes links for My Subscription, Gateway, Training Center, Help, Mobile Application Access, and Logout. A keyword search bar is located on the right. The main navigation menu features tabs for Home, Drug Interactions, IV Compatibility, Drug ID, Drug Comparison, NeoFax® / Pediatrics (selected), Tox & Drug Product Lookup, and Calculators. Below this, a sub-menu shows Drug Monographs (selected), Enteral Formulas, and Dosing Calculators. The main content area is titled "Drug Monographs" and includes a "Drug" section with "Neonatal" and "Pediatric" tabs. A search bar under "Neonatal" contains the text "Find a Neonatal drug". A "Micromedex Assistant" chat window is open on the right, displaying a greeting and sample questions such as "Is fluconazole dialyzable?" and "Do tacrolimus and voriconazole interact?". A feedback button is visible on the right side of the chat window. The footer contains copyright information for Merative 2023 and links to About, Contact, Training Center, User Guide, and Warranty & Disclaimer.

Merative Micromedex®

My Subscription | Gateway | Training Center | Help | Mobile Application Access | Logout

Keyword search

Home | Drug Interactions | IV Compatibility | Drug ID | Drug Comparison | **NeoFax® / Pediatrics** | Tox & Drug Product Lookup | Calculators

Drug Monographs | Enteral Formulas | Dosing Calculators

## Drug Monographs

Drug

Neonatal | Pediatric

Find a Neonatal drug

**Micromedex Assistant**

Hello! What can I help you find?

Sample drug information questions you can ask:

- Is fluconazole dialyzable?
- Do tacrolimus and voriconazole interact?
- Are tacrolimus and diltiazem IV compatible?
- What solutions are compatible with fluconazole?

You can also ask a series of questions about the same drug or condition:

- What's the adult dose of rivaroxaban for dvt?
- Are dose adjustments needed?
- Can I give with food?
- What patient monitoring is needed?

Was this helpful?

Type something...

© Copyright Merative 2023 | About | Contact | Training Center | User Guide | Warranty & Disclaimer

# Help Resources and DynaMedex App

At any time, you can click on the Help link to view the DynaMedex user guide.

Lastly, the DynaMedex app can be downloaded for free and accessed with ACP member log-on credentials.

**DynaMedex** MS CME 0.5

[Browse Specialties](#)

patients hospitalized in general ward, 45% of patients admitted to intensive care unit, and 5.7% of nonhospitalized patients, with mean long COVID symptom duration 9 months for hospitalized patients and 4 months for nonhospitalized patients (JAMA 2022 Oct 25)  
[View in COVID-19 \(Novel Coronavirus\)](#)

**Evidence** • Updated 26 Oct 2022

at 3 months after symptomatic SARS-CoV-2 infection, long COVID symptom clusters reported in 6.2% overall (ongoing respiratory problems in 3.7%, persistent fatigue in 3.2%, and cognitive problems in 2.2%) and appear to be more common in female adults than in male adults (JAMA 2022 Oct 25)  
[View in COVID-19 \(Novel Coronavirus\)](#)

**Evidence** • Updated 19 Oct 2022

sensitivity of rapid antigen tests for detection of Omicron variant may be similar to detection of Delta variant; sensitivity for Omicron variant ranged from 22% to 60% overall depending on timing of testing but ranged from 34% to 90% in persons who had 2 positive PCR tests at interval of 48 hours (Ann Intern Med 2022 Oct 11 early online)  
[View in COVID-19 \(Novel Coronavirus\)](#)

[View All Alerts](#)

**Drug Resources**

In addition to **Neofax Pediatrics**, we offer:

- Drugs A-Z**  
Drug monographs from IBM Micromedex.
- Drug Interaction Checker**  
Learn how two or more drugs interact and keep your patients safe.
- IV Compatibility**

**Go Mobile**

Our iOS & Android apps are FREE for use by all subscribers.

[Get the App](#)

**D+M**

[About](#) [Mobile](#) [System Check](#) [Help](#) [Privacy Policy](#) [Terms of Use](#) [Cookie Policy](#)

To learn more, visit:

[EBSCO.com/DynaMedex](https://EBSCO.com/DynaMedex)