

Introduction to DynaMed: A Clinical Decision Tool

The logo for DynaMed, featuring the word "DynaMed" in white text on a dark teal square background.

DynaMed®

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OUTLINE



What is DynaMed?

Accessing DynaMed and Creating a Personal Account

Features of DynaMed

Browse and Follow by Specialty

Searching DynaMed

Viewing Search Results – Classic and (New!) Collection view

Navigating a Topic

DynaMed Levels of Evidence

Using Toolbar

Additional Help

Comparison to UpToDate

Questions?



WHAT IS DYNAMED?

A clinical reference and point of care information tool

Written and peer reviewed by health care professionals

Provides answers to clinical questions quickly and easily

Assists with providing evidence-based patient care

Provides clinicians with key takeaways, targeted synopses, and clearly defined recommendations based on the best evidence and clinical expertise

Resource for revalidation, training & earning CME credits



HOW TO ACCESS DYNAMED

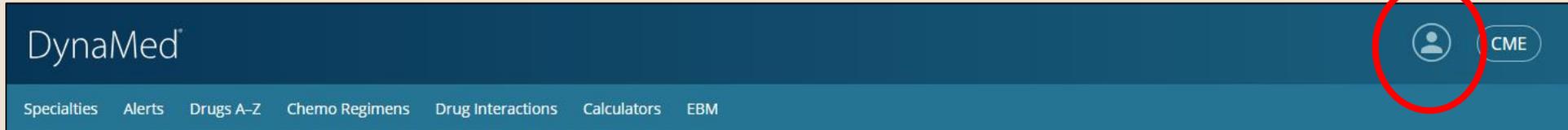
The screenshot displays the website's navigation bar with links for Popular Links, Students, Faculty, Researchers, Clinicians, Residents, Help, Suggestion Box, About, and Home. The main content area features information for the John P. Isché (Main) Library and the Baton Rouge Regional Campus Library. A dropdown menu is open, listing various access options, with 'DynaMed' highlighted by an orange box. Below the menu, a grid of service tiles includes 'Databases', 'E-Books & E-Journals A to Z', 'Resources by Subject', 'Research and Education', 'LSU Health Digital Scholar', and 'Off Campus Access'.

Access on Library Webpage lsuhsc.edu/library :

Databases – Click D – Locate DynaMed

Quick links on Popular Links, Students, Clinicians, Residents menus

FREE PERSONAL ACCOUNT



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

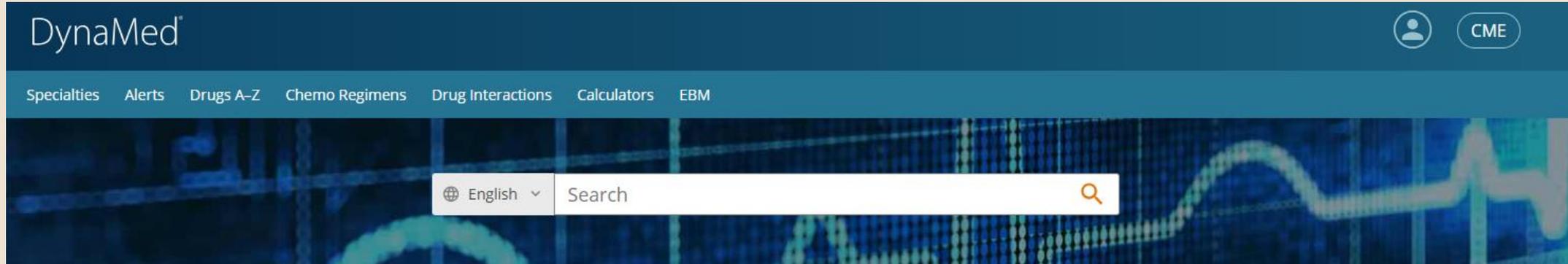
[Sign in](#) [Create Account](#)

Your access courtesy of LOUISIANA STATE UNIVERSITY HSC - NEW ORLEANS

- Gives full access to all features
- Sign in from any device including mobile app
- Track CMEs
- Create alerts and keep track of changes
- Same account as MyEBSCO



FEATURES OF DYNAMED



- 45 Specialties
- Create Alerts for updates
- Drug Database – Micromedex – Browse or search for drugs
- Chemo Regimens – 2500+ regimens from NCCN (National Comprehensive Cancer Network)
- Drug Interactions Tool - Check for interactions between two or more drugs
- Calculators
- EBM – Learn more about Evidence Based Medicine



BROWSING BY SPECIALTY

DynaMed English Search

Specialties Alerts Drugs A-Z Chemo Regimens Drug Interactions Calculators EBM

Specialties

Browse and/or follow our collections of evidence-based topics. Read about [our editorial team and our processes](#).

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

Click Specialties to view all topics.

Can Follow an entire specialty and be notified about updates.

Select updates to receive from menu.

Follow

Get alerts when there are significant updates to this content.

Select

- All Email Alerts
- Only Potentially Practice-Changing Email Alerts
- No email, please. Just show me alerts on the home page.

Follow

Cancel

SEARCHING DYNAMED

Enter terms in Search Box

Matching topics display while typing

Go To menu will take you directly to the topic page

Search For menu will search term in database

Click **Magnifying Glass** to view a result list

The screenshot shows a search interface with a search box containing the text "diabetes". To the left of the search box is a language selector set to "English". To the right is a magnifying glass icon. Below the search box, a dropdown menu is open, displaying two main options: "GO TO" and "SEARCH FOR", both highlighted with red boxes. Under "GO TO", there is a list of topics: "Diabetes Alternative Treatments", "Diabetes Mellitus Type 2 in Children and Adolescents", "Diabetes Mellitus Type 2 Screening", "Diabetes-Related Foot Infections", and "Neonatal Diabetes Mellitus". Under "SEARCH FOR", there is a list of search results: "diabetes", "diabetes insipidus", "diabetes mellitus", "diabetes type 2", and "diabetes management".

VIEWING RESULTS

Two options to view results

Collection:

- Newer display and appears first
- Offers curated selection of key resources
- Help users navigate larger content areas

Classic Search Results:

- Mix of content types
- Filters available to narrow results
- Additional tabs to view videos and images
- Access to calculators and diagnosis algorithms

Search displays are meant to complement each other so utilize both views.



COLLECTION VIEW

Results for **diabetes**

VIEW: [Collection](#) | [Classic search results](#)

COLLECTION

[About Collections](#)

Diabetes Mellitus Type 2

Also called: **diabetes, adult onset diabetes, diabetes mellitus type II, type 2 diabetes, type II diabetes, non-insulin-dependent diabetes mellitus, NIDDM**

Looking for [Diabetes Mellitus Type 1?](#)

Main Topics

- [Type 2 Diabetes Mellitus in Adults](#)
- [Diabetes Mellitus Type 2 in Children and Adolescents](#)
- [Pregestational Diabetes Mellitus](#)
- [Management of Type 2 Diabetes in Adults](#)
- [Management of Type 2 Diabetes in Older Adults](#)
- [Selection of Glucose-Lowering Medications for Adults With Type 2 Diabetes](#)

Management

General

- [Management of Type 2 Diabetes in Adults](#)
- [Management of Type 2 Diabetes in Older Adults](#)
- [Mature Onset Diabetes of the Young \(MODY\)](#)
- [Selection of Glucose-Lowering Medications for](#)

Diagnosis and Testing

- [Diagnosis and Testing for Diabetes Mellitus Type 2 in Adults](#)
- [Diagnosis and Testing for Diabetes Mellitus Type 2 in Children and Adolescents](#)

Complications

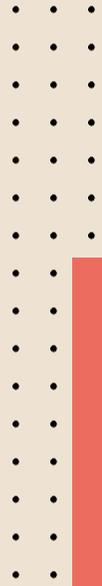
- [Hypoglycemia](#)
- [Diabetic Ketoacidosis \(DKA\) in Adults](#)
- [Algorithm: Diabetic Ketoacidosis Management in Adults](#)
- [Diabetic Ketoacidosis \(DKA\) in Children and Adolescents](#)
- [Algorithm: Evaluation and Management of Diabetic Ketoacidosis \(DKA\) in Children](#)
- [Hyperglycemic Hyperosmolar State \(HHS\) in Adults](#)
- [Hyperglycemic Hyperosmolar State \(HHS\) in](#)

Glycemic Goals

- [Table: Nonpregnant Adults](#)
- [Pregnant Patients](#)
- [Children & Adolescents](#)
- [Table: Older Adults](#)

Interventions for Comorbidities

- [Lipid Management](#)
- [Hypertension Treatment](#)
- [Anti-obesity Medications](#)



CLASSIC SEARCH RESULTS VIEW

Results for **diabetes** VIEW: [Collection](#) | [Classic search results](#)

Main Algorithms Videos Images Calculators

PATIENT POPULATION

Adult (2590)

Pediatric (1689)

CONTENT TYPE

Approach To Patient (188)

Condition (1340)

Device (5)

Drug Monographs (607)

Drug Review (52)

Evaluation (63)

Lab Monograph (54)

Management (364)

Prevention (55)

Procedure (85)

Quality Improvement (6)

DRUG REVIEW ☰

[Glucagon-Like Peptide-1 \(GLP-1\) Receptor Agonists for Adults With Type 2 Diabetes](#)

GLP-1 receptor agonists are incretin mimetics that stimulate insulin release and can be used to help achieve glycemic control in patients with diabetes.

CONDITION ☰

[Hypoglycemia in Diabetes](#)

Hypoglycemia is a common acute complication in patients with diabetes that may lead to hospitalization, morbidity, and death.

MANAGEMENT ☰

[Lipid Management in Diabetes](#)

Dyslipidemia is common in patients with diabetes and detecting and improving it can reduce the risk of cardiovascular events.

 **CALCULATOR**

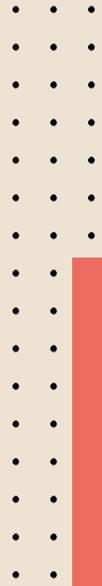
[Diabetes Risk Score \(Type 2\)](#)

[All Calculator Results](#)

MANAGEMENT ☰

[Selection of Glucose-Lowering Medications for Adults With Type 2 Diabetes](#)

Review of both oral and injectable glucose-lowering therapy for adults with type 2 diabetes.



VIEWING A TOPIC

CONDITION **Updated 28 Apr 2025** [About CME](#)

Hypoglycemia in Diabetes

Editors: Cecilia C. Low Wang MD, FACP; Mala S. Sivanandy MD; Samir Malkani MBBS, MD, MRCP; Esther Jolanda van Zuuren MD [All Editors & Disclosures](#)

Topic Updates Images Tables

< Previous Section [Next Section](#) >

Produced in collaboration with  American College of Physicians

Overview and Recommendations [All \(2\)](#)

Hypoglycemia, also known as low blood glucose, is a common acute complication in patients with diabetes that may lead to hospitalization, morbidity, and death.

Evaluation

- Assess glucose using [continuous glucose monitoring](#) devices or with [blood glucose monitoring](#) by fingerstick.
- [Hypoglycemia](#) is diagnosed in patients with diabetes when the measured glucose level decreases to a point where it may cause harm to the individual or others (typically at a glucose level < 70 mg/dL [3.9 mmol/L]), with or without the presence of symptoms.
- Hypoglycemia is [classified into 3 levels](#) based on blood glucose level and clinical correlates.
 - Level 1 (hypoglycemia alert value) is characterized by glucose levels < 70 mg/dL (3.9 mmol/L) and \geq 54 mg/dL (3 mmol/L). The patient may need to ingest fast-acting carbohydrate (such as pure glucose) and/or adjust therapy in order to prevent progression to level 2 and level 3 hypoglycemia.
 - Level 2 is characterized by glucose levels < 54 mg/dL (3 mmol/L). This is the level at which neuroglycopenic symptoms develop and requires immediate action to resolve.

Defenses against hypoglycemia [All \(4\)](#)

Classification of Levels of Hypoglycemia [All \(4\)](#)

Find in Topic Enter term 

[Feedback](#)

Date of last update displayed

Click Updates tab to view list of all updates

Use side menu to navigate directly to section of interest

Use search box to locate specific words in article

DYNAMED LEVELS OF EVIDENCE

Level 1 (likely reliable) Evidence:

- Represents research results addressing clinical outcomes
- Meets extensive set of quality criteria which minimizes bias
- Two types of conclusions can earn Level 1:
 - Derived from individual studies
 - Conclusions regarding a body of evidence

Level 2 (mid-level) Evidence:

- Represents research results addressing clinical outcomes
- Using some method of scientific investigation but not meeting the quality criteria to achieve Level 1

Level 3 (lacking direct) Evidence:

- Represents reports that are not based on scientific analysis of clinical outcomes
- Includes case series, case reports, expert opinion, conclusions extrapolated indirectly from scientific studies.

DYNAMED LEVELS OF EVIDENCE

Most commonly appear in the Management section where specific studies are cited.

Sample text from Management of Peptic Ulcer Disease:

STUDY SUMMARY

vonoprazan 10 mg is as effective as lansoprazole for prevention of recurrent peptic ulcer in patients taking long-term NSAIDs for pain DynaMed Level 1

RANDOMIZED TRIAL: [Gut 2018 Jun;67\(6\):1042](#)

[Details](#) ▾

STUDY SUMMARY

vonoprazan may be as effective as lansoprazole for prevention of peptic ulcer recurrence in adults taking long-term low-dose aspirin therapy DynaMed Level 2

RANDOMIZED TRIAL: [Gut 2018 Jun;67\(6\):1033](#)

[Details](#) ▾

Irsogladine Maleate

- Irsogladine maleate (not available in the United States) is a selective phosphodiesterase type 4 (PDE4) inhibitor, believed to have anti-ulcer effects through the inhibition of neutrophil superoxide production ([Life Sci 2004 Nov 19;76\(1\):71](#)).
- Irsogladine maleate is prescribed to enhance gastric mucosal protection in Japan, Korea, and China ([Aliment Pharmacol Ther 2010 Apr;31\(8\):824](#)).

STUDY SUMMARY

irsogladine maleate may increase gastric ulcer healing after *H. pylori* eradication DynaMed Level 3

RANDOMIZED TRIAL: [Aliment Pharmacol Ther 2010 Apr;31\(8\):824](#)

[Details](#) ▾



USING TOOLS IN A TOPIC

Use tools to:

Follow : Get emails when updates are made

Cite : Get citation if using as a reference

Print : Select portions of article to print

Share : Get URL link

vanandy MD; Samir Malkani MBBS, MD, MRCP; Esther Jolanda van Zuuren MD [All Editors & Disclosures](#)

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Overview and Recommendations

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[Defenses against hypoglycemia](#) ⋮

Tables

[Classification of Levels of Hypoglycemia](#) ⋮

[Feedback](#)

ADDITIONAL HELP

The screenshot shows the DynaMed website interface. At the top, there is a search bar with a language dropdown set to 'English'. Below the search bar is a navigation menu with links for 'Specialties', 'Alerts', 'Drugs A-Z', 'Chemo Regimens', 'Drug Interactions', 'Calculators', and 'EBM'. The main content area is titled 'Specialties' and contains a grid of 30 medical specialties, each with a 'Follow' button. The specialties listed are: Allergy, Anesthesiology and Pain Management, Cardiology, Critical Care, Dermatology, Emergency Medicine, Endocrinology, Family Medicine, Gastroenterology, Geriatrics, Gynecology, Hematology, Hepatology, Hospital Medicine, Immunology, Infectious Diseases, Internal Medicine, Neonatology, Nephrology, Neurology, Neurosurgery, Obesity, Obstetric Medicine, Occupational Medicine, Oncology, Ophthalmology, Oral Health, Orthopedics and Sports Medicine, Otolaryngology, Palliative Care, Pathology and Labor, Pediatrics, Physical Medicine and Rehabilitation, Primary Care, Psychiatry, Pulmonary Medicine, Radiation Oncology, Radiology, Rheumatology, Sleep Medicine, Substance Use and Abuse, Surgery, Trauma, Urology, and Womens Health. At the bottom of the page, there is a footer with links for 'Editorial Leadership', 'About', 'Mobile', 'System Check', 'Help', 'Privacy Policy', 'Terms of Use', and 'Copyright'. The 'Help' link is highlighted with a red box. The EBSCO logo is visible in the bottom left corner.

Help link available at any time to view DynaMed user guide and access additional tutorials.

COMPARISON TO UPTODATE

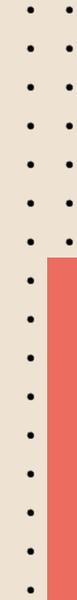
Presentation of information

UpToDate:

- Longer, narrative style sections; more like a textbook
- Multiple articles about one topic
- More expert opinions provided

DynaMed:

- Concise, bulleted format. Some find easier to scan and compare recommendations.
- Single article about a topic and all topic information is grouped
- More overtly evidence-based



COMPARISON TO UPTODATE

	DynaMed	UpToDate
Content Coverage	9500+ topics 45 specialties	10,000+ topics 26 specialties
Drug Database	Micromedex	LexiComp
Journals Monitored	500+ plus Cochrane	460+
Guidelines Monitored (National and International)	19,000+	10,000+

Features of Both Products	
Updated daily	Patient handouts available
Practice changing updates available	Mobile access via app
Compiled by physician experts	CME credits available
Peer reviewed	Direct links to supporting articles

THANK YOU AND CONTACT INFORMATION

Survey (Very short!)
Help us collect metrics!



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Sign up for Library
Emails!



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