

2012-08-23

New Fellow Orientation For The Department of Psychiatry

Rosenzweig, Merle

<https://hdl.handle.net/2027.42/92476>

<http://creativecommons.org/licenses/by-nc-nd/3.0/>

Downloaded from Deep Blue, University of Michigan's institutional repository

Clinical and Research Resources at the University of Michigan

Merle Rosenzweig

Liaison Librarian to the
Department of Psychiatry &
the Depression Center

oriley@umich.edu

What Will Be Covered

- Intro
- Quick Tour
- Services
- Clinical Tools
- Research Resources
- There's an app for that...
- Questions?

Taubman Health Sciences Library

- Access resources from the Clinical Homepage
 - <http://www.med.umich.edu/clinical/>
- Additional resources from the Library Website
 - <http://www.lib.umich.edu/thl>
- Research Guide for Psychiatry
 - <http://guides.lib.umich.edu/psychiatry>
- Services
 - Interlibrary Loan → *When we don't have it*
 - 7-FAST (document delivery) → *When you want it scanned & sent*
 - Liaison Services → *When you need some help*



Welcome to the
Clinical Home Page



[About](#) | [Suggest](#)

- Search UMHS -



Micromedex 2.0 is coming August 1, 2012

[Report Computer Bug](#)
[See Current Outages](#)

Clinical Home Page

Clinical References

Clinical Resources

Connect to other Systems

Pathology

- [Antibiotic Susceptibility Report](#)
- [Blood Bank & Transfusion](#)
- [Pathology Lab Handbook](#)

Radiology

- [24/7 How to reach a Radiologist](#)
- [Patient Preps](#)
- [Radiologic Study Usage Guide](#)

Pharmacy Services

- [Inpatient Pharmacy Resources](#)
- [Ambulatory Pharmacy Resources](#)
- [Drug Shortages and Recalls](#)
- [Medication Use Guidelines](#)
- [Chemotherapy Forms](#)
- [Ambulatory Infusion Forms](#)
- [MAPS Info / MAPS Sign On](#)

Nursing Services

- [Nursing Policies/Guideline](#)
- [Mosby's Nursing Skills](#)
- [Nursing Clinical Units/Areas](#)
- [Professional Development & Edu](#)
- [Wound & Ostomy Services](#)
- [Nursing Plans of Care \(NPOCs\)](#)

Safety and Professionalism

- [Office of Clinical Affairs](#)
- [Safety Central](#)
- [Patient Safety Report Form \(Incident\)](#)
- [MLearning/Mandatories](#)
- Find a policy: [UM](#) or [Mott](#)**
- [On-Line Privileges](#)
- [Occupational Health Service](#)
- [Help w/Aggressive Behavior](#)
- [Compliance Office](#)
- [Family Initiated RRT:UH / Mott](#)
- [Quality & Safety Performance](#)

Directory Services

- [UMHS Paging](#)
- [UM Online \(Campus\) Directory](#)
- [UMHS Dept. Directory](#)
- [UM Hospitals and Health Centers](#)
- [M-LINE | MarketScope MD Lookup](#)
- [Physician and Clinic Directory](#)
- [UMHS Websites A to Z](#)

Bed Status

- [Admissions & Bed Coordination Center](#)
- [Visual Hospital](#)

Clinical Resources

- [Clinical Organizations at UMHS](#)
- [Anticoagulation Service / VTE](#)
- Consent Forms: [Gen Surgical](#), [Others](#)**
- [Infection Control](#)
- [MVN and Home Care Services](#)
- [Supply Chain](#)
- [Office of Decedent Affairs](#)
- [Web Referral to Emergency Dept.](#)

Clinical References

- [Antimicrobial Use/HIV Management](#)
- [Clinical Calculators](#)
- [Clinical Care Guidelines](#)
- [Consult Request Guidelines](#)
- [Internal Guides and Protocols](#)
- [Taubman Health Sciences Library](#)**
- [Library Contacts \(Research Guides\)](#)
- [MEDSEARCH, PubMed, MDConsult](#)
- [DynaMed, Up-to-Date, R2 Dig Lib,](#)
- [E-journals, VisualDx: What's that Rash](#)
- [Patient Education](#)
- Pharmacy: [Micromedex 2](#) **new**,**
- [Epocrates, Lexi-Comp \(ped dosing\),](#)
- [Facts & Comparisons](#)
- [Departmental Library Pages](#)

[UMHS INTERNAL HOME](#)

[search center](#) | [clinical home page](#) | [staff resources](#) | [news & events](#) | [fundamentals](#) | [research](#) | [education](#) | [support services](#) | [health-related sites](#) | [computing](#)

Click for explanation

[UMHS External Home](#) | [U-M Medical School](#) | [U-M Main Site](#)



Micromedex 2.0 is coming August 1, 2012

Clinical Home Page | **Clinical References** | **Clinical Resources** | **Connect to other Systems**

UMHS Clinical Processes References

Antibiotic Management/Ordering

[Antibiotic Susceptibility](#) →
[Antimicrobial Guidelines and HIV Management](#) →

ICD-9 Code/Diagnosis Search

Infection Control

MarketScope Physician Database →

MI and Northern Ohio physician information from M-Line, Clinical Affairs, and Medrisk .

Medical Records/Health Information Management →

[Dictation instructions](#) , [UMHS medical abbreviations](#) ,
[UMHS medical unapproved abbreviations](#) → , and
[Guidelines for Medical Record Documentation and Dictation](#) →
[Medical Records Content and Location](#)
[Document Imaging Tools](#) →
[Clinician Document Imaging Training Module](#)

Pathology Laboratory Handbooks

Clinical laboratory services, critical values, abbreviations and symbols, and [more](#).

Pharmacy Services

[Formularies](#) →
[Medication Use Guidelines](#) →
[Chemotherapy Forms](#) →
[Other Forms](#)
[Schedule II Prescription Fills Request Form](#) 📄
[Medicare Part D Coverage](#)

Pharmacy Knowledgebase

[AccessPharmacy](#)
[Micromedex 2](#) **new** →
[Facts & Comparisons](#) complete drug guide, patient info, identifiers, etc.
[Latex Drug Database](#)
[Lexi-Comp](#) - Peds Dosing Information & other info. →
[Natural Standard](#) - Complementary/Alternative Medicine
[LactMed](#) - database of drugs to which breastfeeding mothers may be exposed

General

MLibrary Collections (MIRLYN catalog)

Clinical Knowledge References

Clinical Guidelines

[Clinical Care Guidelines](#)
[Consult Request Guidelines](#)
[Geriatrics Resources and Assessment Tools - UMHS](#) →
[National Guidelines Clearinghouse](#)
[Skin-Wound Resource](#)

Internal Guides and Protocols

Immunization Resources

Clinical Calculators

Medline

[UM-MEDSEARCH](#) →
[PubMed](#) , [Methodological Clinical Queries](#)

Medical Textbooks, Journals, or Portals

[AccessMedicine](#)
[DynaMed](#)
[Up-to-date](#) →
[E-journals](#)
[R2 Digital Library](#) (e-books)
[StaffRef](#) → Books, Stedman's Dictionary
[MDConsult](#) →
[JAMAevidence](#)
[Greenfield Surgical Atlas](#) →
[The Red Book Pediatric Infectious Disease](#)
[Pediatric Care Online \(AAP\)](#)
[VisualDx](#) →

Nutrition Services

[American Dietetic Association NCM](#) →
[Available Diet Orders at UMHS](#) 📄

Patient Education

[Patient Education from MDConsult](#)
[YourChild: Development/Behavior Resources for Parents](#)

Taubman Health Sciences Library

[Library Contacts \(Research Guides\)](#)
[Departmental Library Pages](#)

UMHS Policies and Procedures →

Including [Nursing Policies](#) , [Primary Care Nursing Protocols](#) ,
[UMHHC Policies](#) , [Clinical Care Guidelines](#) , and more.

Other Internet References

[NIH](#) | [NLM](#)

DeepBlue

A permanent, safe, and accessible service for representing our rich intellectual community.



Taubman Health Sciences Library

Latest News on our Building Renovation

What's New

MLibrary@NCRC opens July 2, 2012

Liaison Librarians

Health Sciences Subject Guides

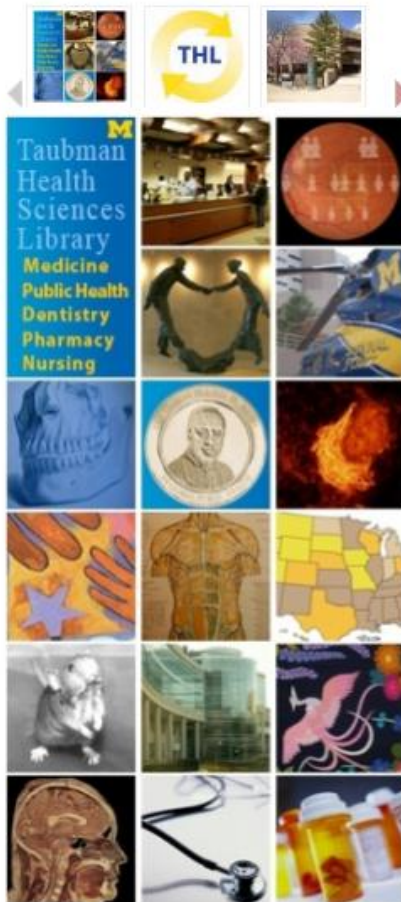
THL Quick Links

- Online Journals
- Access Medicine
- CINAHL
- Cochrane/EBM Reviews
- DynaMed
- Embase
- Google Scholar @ UM
- MD Consult
- Medline (Ovid)
- Micromedex
- PubMed @ UM
- RefWorks
- Scopus
- Stat!Ref
- UMHS Clinical Home Page
- UpToDate (Campus Only)
- Web of Science

- Help
- ... for UM Faculty, Staff and Students
 - ... for the General Public and Alumni
 - Contact Us

About Us

Home > Libraries > Taubman Health Sciences Library



Welcome to the Taubman Health Sciences Library!

Taubman Health Sciences Library

www.lib.umich.edu/thl

University of Michigan 1135 E. Catherine St., 5726 Ann Arbor, MI 48109-2038

734 764 1210 (p) thlibrary@umich.edu

Staff Listing

Maps/Directions

Hours this week:

- Sunday: 12:00pm - 11:45pm
- Monday: 8:00am - 11:45pm
- Tuesday: 8:00am - 11:45pm
- Wednesday: 8:00am - 11:45pm
- Thursday: 8:00am - 11:45pm
- Friday: 8:00am - 7:45pm
- Saturday: 9:00am - 7:45pm

Hours this Month

More Maps (parking, campus bus routes, getting to/from the hospitals)

Resources & Services

- Online Journals list
- Online Books
- Suggest an Item for Purchase
- Interlibrary Loan | 7FAST
- Find a Book on Reserve
- Community Outreach
- Disability Services
- Mobile Device Resources
- THL Guides, Tutorials and Presentations



News and Events...

- Hashtag of the Week (HOTW): Focus on Peer Review for the Week of August 6, 2012
This week I'm doing a little something special. Rather than the usual overview of excitin...
- PMC (the database formerly known as PubMed Central)
PMC, the database you know and love from depositing open access content is getting an upgrade &...
- Twitter & Health
It stands to reason that when I read the phenomenal Tweeting for Student Health Care from my fa...

Click here to view the THL News Blog on wordpress.com

Help Using the Library

- Wireless Network Access
- Help using the Library for the General Public and Alumni
- Help using the Library for UM Faculty, Staff and Students

Access Off Campus

Level 1 Kerberos



AUTHENTICATION REQUIRED::

You are connecting to a U-M website that requires authentication. Please enter your Login ID (username or Friend ID) and password to continue.

Need a Login ID?

If you don't have a Login ID, you can [create one now](#).

Login ID

Password

 **MToken**

[Forgot your password?](#)
[Login Help](#)

By using this service you agree to adhere to the [Information Technology Policies at U-M](#).

Clinical Tools

- Point-of-Care resources
- Clinical guidelines
- E-book resources
- Drug databases
- Patient education

Point-of-Care Resources

Comparison of UptoDate and Dynamed by the George T. Harrell Health Sciences Library, Penn State Hershey		
	UptoDate	Dynamed
Description	Highly referenced topic reviews written by recognized subject experts who synthesize the evidence, summarize it, and provide recommendations	Critically appraised evidence based disease summaries
Updated	3 times per year	Daily
Content	More comprehensive: 7,000 topics	Less comprehensive: 3,200 topics
Access off campus	No: prohibitively expensive	Yes
Targeted Audience	Internal Medicine Pract.	Primary Care Providers
Authors	Subject Experts	Predominantly family practice physicians
Unique features	Links to LexiComp Drug database	Contains ICD codes
		Links to primary literature
Evidence Based Medicine	Topic reviews from subject experts evaluated by physician editors for accuracy, completeness and beginning to grade for evidence.	Conclusions based on evidence systematically identified, selected and evaluated from the literature
Levels of Evidence	Very few graded for EBM	Yes, in descending order
Graphics	Yes, illustrated	No
CME	If accessed through EMR	No
Major Criticism	Cost	Expertise of authors
Major Advantages	Authoritative	Off campus access
	Physicians preference	Daily Update
Model	Peer reviewed expert author	Critically appraised evidence based medicine
Marketed to	Physicians	Librarians
Format	Narrative	Bulleted List
Journals monitored	430	500
Both products	Point of Care clinical decision support systems	
	Knowledge management	
	Fast, accurate, unbiased and valid	
	Peer reviewed	
	Provide patient handouts	
	Compatible for hand held / mobile devices	
Similar Resources	ACP's Pier, eMedicine, Clinical Evidence, First Consult, BMJ's Point of Care, Zynx Evidence	



Search

Browse: [A](#) [B](#) [C](#) [D](#) [E](#) [F](#) [G](#) [H](#) [I](#) [J](#) [K](#) [L](#) [M](#) [N](#) [O](#) [P](#) [Q](#) [R](#) [S](#) [T](#) [U](#) [V](#) [W](#) [X](#) [Y](#) [Z](#) [Browse Categories](#)

Spotlight

- DynaMed shown to be THE MOST CURRENT point-of-care reference (BMJ 2011 Sep 23)
- DynaMed 7-Step Evidence-Based Methodology
- **Introducing Practice Changing Updates**
- Gonorrhea topics updated with CDC treatment recommendations (MMWR Morb Mortal Wkly Rep 2012 Aug 10)
- Chronic kidney disease updated with CKD-EPI equations (NEJM 2012 Jul 5)
- Obesity in adults updated with USPSTF 2012 Jun screening recommendations
- American College of Chest Physicians (ACCP) guidelines on antithrombotic and thrombolytic therapy updated 124 topics with ACCP 2012 Feb guidelines
- **DYNAMED WEEKLY UPDATE: Omega-3 Fatty Acid Supplementation Does Not Reduce Mortality or Cardiovascular Events in Patients with or at High Risk of Diabetes**

Search Other Services »

[PubMed @ UM](#)

[CINAHL Plus Full Text](#)

[Rehab Reference Center](#)



[EBSCOhost Research Databases](#)



[DOSS](#)



[Health Policy Reference Center](#)

[National Guidelines Clearinghouse](#)

[Cochrane/EBM Reviews](#)

[Global Health](#)

Practice-Changing DynaMed Updates

What are Practice-Changing DynaMed Updates?:

- DynaMed is updated daily through a 7-step evidence-based method for systematic literature surveillance so clinicians can find the best available evidence at the point of care. DynaMed topics provide synthesized summaries integrating new evidence with existing evidence to directly answer most clinical questions in a single source.
- The Recent Updates page provides a view of the most recent articles added to DynaMed summaries and can be customized to find the articles of greatest personal interest. Recent Updates can be customized by
 - Category – allowing for example a dermatologist to limit searches to Dermatology content, or a public health officer to limit searches to Prevention and Screening
 - Practice-Changing – allowing narrowing of search results to the articles most relevant for changing clinical practice

Creating Personal Alerts:

- DynaMed users can set personal alerts to be notified when Recent Updates meeting customized criteria occur. So you can be notified immediately when new evidence warranting a change in your practice occurs.
- To create an alert:
 - Go to the Recent Updates page.
 - Customize the alerting function by selecting from Limit by Category and/or checking the box labeled Practice-Changing Updates only.
 - Click the alert icon (ringing bell) in the Tools section on the right-side column.
 - Select frequency for receiving alerts. (Initially "Once a day" is the only option. This fall we will add "Once a week" and "Once a month")
 - Add your e-mail address.
 - Click "Create Alert"
 - Follow the Instructions in your e-mail to confirm you want to receive these alerts.

McMaster University Partnership:

- McMaster University and EBSCO Publishing have partnered to create a system to identify practice-changing DynaMed updates.
- For most DynaMed updates the rating process is completed in partnership with McMaster University. Here is how the process works:
 - DynaMed editors identify, select, appraise and summarize the most valid evidence for clinically relevant concepts using the DynaMed Systematic Literature Surveillance process.
 - Independently from the DynaMed Systematic Literature Surveillance process, the McMaster University Health Information Research Unit systematically monitors 120 Journals, critically appraises research articles and selects articles that are methodologically sound.
 - The McMaster Online Rating of Evidence (MORE) system includes about 4,000 practicing physicians from 61 disciplines in more than 100 countries. Over 1,000 MORE raters who are also DynaMed users rate articles selected by both the DynaMed and McMaster processes according to their relevance for use in DynaMed.
- Most articles selected from the McMaster process are also selected from the DynaMed process. For potentially critically important articles not covered by the McMaster process (for example, unpublished reports such as FDA MedWatch alerts) or for more rapid alerting DynaMed will accelerate ratings by discipline-specific DynaMed editors, reviewers and contributors in clinical practice.

Faculty of 1000 (F1000) Partnership:

- F1000 and EBSCO Publishing have partnered to enhance the system to identify practice-changing DynaMed updates.
- F1000 is an international network of 10,000 experts who select and evaluate the most important biology and medicine articles published.
- Clinicians in the F1000 Faculty (2,200 medical experts) identify articles which Change Clinical Practice based on direct instruction to a clinician, immediate implementability, and backed up by supporting references without needing validation by other studies.
- Articles highlighted as Changing Clinical Practice in F1000 are matched to article summaries in DynaMed and coded as practice-changing updates, thus expanding the network for identifying the practice-changing updates that occur across DynaMed.

DynaMed Powered by EBSCOhost

Search Other Services »

Browse: [A](#) [B](#) [C](#) [D](#) [E](#) [F](#) [G](#) [H](#) [I](#) [J](#) [K](#) [L](#) [M](#) [N](#) [O](#) [P](#) [Q](#) [R](#) [S](#) [T](#) [U](#) [V](#) [W](#) [X](#) [Y](#) [Z](#) | [Browse Categories](#)

1-50 of 92 | Page: 1 | 2 | Limit by Category: **Psychiatric Disorders**

Practice Changing Updates only | [A](#) [A](#) [A](#)

Topic	Update Reason	Date
Hepatitis C	prophylactic escitalopram appears to reduce incidence of peginterferon alfa-2A-associated depression in patients with chronic hepatitis C (Ann Intern Med 2012 Jul 17)	08/02/2012 11:14:00 AM
Peginterferon Alfa	prophylactic escitalopram appears to reduce incidence of peginterferon alfa-2A-associated depression in patients with chronic hepatitis C (Ann Intern Med 2012 Jul 17)	08/02/2012 11:14:00 AM
Alcohol use disorder	therapist-delivered brief intervention in emergency department for adolescents with prior alcohol misuse and aggression may reduce alcohol consequences for 6 months and violence consequences for 1 year (Pediatrics 2012 Jun)	07/30/2012 07:33:00 AM
Depression - differential diagnosis	MQIC guideline on primary care diagnosis and management of adults with depression (National Guideline Clearinghouse 2012 Jul 23)	07/25/2012 02:25:00 PM
Vitamin D intake and supplementation	vitamin D plus calcium supplementation may not reduce depressive symptoms in postmenopausal women (Am J Epidemiol 2012 Jul 1)	07/25/2012 11:48:00 AM
Erectile dysfunction	FDA warns consumers not to consume X-ROCK 3 Day Pill For Men and Z-ROCK products (FDA MedWatch 2012 Jul 24)	07/25/2012 10:12:00 AM
Delirium	nonpharmacological intervention may prevent delirium in hospitalized older patients (Age Ageing 2012 May 15 early online)	07/24/2012 09:00:00 AM
Obstructive sleep apnea (OSA)	Mediterranean diet may reduce apnea-hypopnea index during sleep compared to prudent diet in patients with OSA (Eur Respir J 2012 Jun)	07/23/2012 05:19:00 AM
Dementia evaluation	Incidence varies with diagnostic criteria used and cohort studied (Lancet 2012 Jul 7)	07/19/2012 02:46:00 PM
Delirium	postoperative development of delirium associated with cognitive decline during first year after cardiac surgery (N Engl J Med 2012 Jul 5)	07/19/2012 02:05:00 PM
Depression alternative treatments	music listening may improve depressive symptoms in adults (Complement Ther Med 2011 Dec)	07/19/2012 10:56:00 AM
Depression	transcranial direct current stimulation may improve mood in patients with depression (Br J Psychiatry 2012 Jan)	07/19/2012 10:41:00 AM
Anorexia nervosa	case report of eating disorder not otherwise specified (N Engl J Med 2012 Jul 12)	07/17/2012 08:24:00 AM
Bulimia	case report of eating disorder not otherwise specified (N Engl J Med 2012 Jul 12)	07/17/2012 08:24:00 AM
Schizophrenia	Integrated psychological intervention may delay progression to psychosis compared to supportive counseling in patients with prodromal symptoms (Br J Psychiatry 2012 Jan)	07/16/2012 05:28:00 AM
Alzheimer disease	memory clinics may not improve quality of life or caregiver burden compared to care by general practitioner in patients with newly diagnosed mild-to-moderate dementia (BMJ 2012 May 15)	07/11/2012 09:08:00 AM

Tools



Search Other Services »

Search

Browse: ABCDEFGHIJKLMNOPQRSTUVWXYZ Browse Categories

1-50 of 500 Page: 1 2 3 4 5 Limit by Category: All

Practice Changing Updates only

Tools

Topic		Date
Breast cancer in women	and physical activity during and after cancer treatment include cautions about exercise (CA Cancer J Clin 2012 Jul)	08/11/2012 08:14:00 PM
Prostate cancer	and physical activity during and after cancer treatment include cautions about exercise (CA Cancer J Clin 2012 Jul)	08/11/2012 08:14:00 PM
Risk factors for breast cancer	ographic breast density (Breast Cancer Res Treat 2012 Jul 20 early online)	08/11/2012 05:47:00 PM
Fibromyalgia	fibromyalgia pain (Cochrane Database Syst Rev 2012 Apr 18)	08/10/2012 02:58:00 PM
Rheumatoid arthritis (RA)	m in patients with RA (Arthritis Rheum 2012 Jan)	08/10/2012 02:55:00 PM
Fibromyalgia	protein for fibromyalgia in adults (Cochrane Database Syst Rev 2012 May 16)	08/10/2012 02:54:00 PM
Rheumatoid arthritis (RA)	expert consensus (Grupo de Expertos en Rituximab) consensus on use of rituximab in rheumatoid arthritis (Reumatol Clin 2011 Jan-Feb)	08/10/2012 02:54:00 PM
Fibromyalgia	no randomized trials identified evaluating clonazepam for fibromyalgia in adults (Cochrane Database Syst Rev 2012 May 16)	08/10/2012 02:53:00 PM
Combination therapies for rheumatoid arthritis	addition of tofacitinib or adalimumab to methotrexate may decrease symptoms and increase physical function in patients with RA (N Engl J Med 2012 Aug 9)	08/10/2012 02:41:00 PM
Decision rules for computed tomography in head injury in adults	Canadian CT Head Rule and New Orleans Criteria both have high sensitivity for patients requiring neurosurgical intervention, Canadian CT Head Rule has higher specificity which may result in reduced imaging rates (Acad Emerg Med 2012 Jan;19(1):2)	08/10/2012 02:29:00 PM
Endometrial adenocarcinoma	review (Obstet Gynecol 2012 Aug)	08/10/2012 02:09:00 PM
Complicated pregnancy	case presentation of bilateral spontaneous adrenal hemorrhage during pregnancy (Obstet Gynecol 2012 Aug)	08/10/2012 02:05:00 PM
Pneumonia in adults	angiotensin converting enzyme inhibitors not associated with increased risk of pneumonia and pneumonia-related mortality (BMJ 2012 Jul 11)	08/10/2012 02:01:00 PM
Elbow dislocation	Insufficient evidence to evaluate interventions for acute simple elbow dislocation in adults (Cochrane Database Syst Rev 2012 Apr 18)	08/10/2012 01:50:00 PM
Hypercholesterolemia	prevalence of elevated total and non-HDL cholesterol in children aged 6-19 years in United States in 2007-2010 (JAMA 2012 Aug 8)	08/10/2012 01:46:00 PM
HIV infection	CDC Interim guidance on use of preexposure prophylaxis for prevention of HIV infection in heterosexually active adults (MMWR Morb Mortal Wkly Rep 2012 Aug 10)	08/10/2012 12:55:00 PM



- Hospital Medicine
- Immunologic Disorders
- Infectious Diseases
- Musculoskeletal Disorders
- Neurologic Disorders
- Nutrition
- Obstetric And Gynecologic Conditions
- Occupational And Environmental Medicine
- Oncologic Disease
- Ophthalmologic Disorders
- Oral And Maxillofacial Disorders
- Orthopedic Disorders
- Pediatrics
- Podiatry
- Prevention And Screening
- Primary Care
- Psychiatric Disorders**
- Pulmonary Disorders
- Quality Improvement
- Radiology



Search Other Services >

Search ?

Browse: A B C D E F G H I J K L M N O P Q R S T U V W X Y Z Browse Categories

UNIVERSITY OF MICHIGAN

1-50 of 92 Page: 1 2 Limit by Category: **Psychiatric Disorders**

Practice Changing Updates only

Topic	Update Reason	Date
Hepatitis C	prophylactic escitalopram appears to reduce incidence of peginterferon alfa-2A-associated depression in patients with chronic hepatitis C (Ann Intern Med 2012 Jul 17)	08/02/2012 11:14:00 AM
Peginterferon Alfa	prophylactic escitalopram appears to reduce incidence of peginterferon alfa-2A-associated depression in patients with chronic hepatitis C (Ann Intern Med 2012 Jul 17)	08/02/2012 11:14:00 AM
Alcohol use disorder	therapist-delivered brief intervention in emergency department for adolescents with prior alcohol misuse and aggression may reduce alcohol consequences for 6 months and violence consequences for 1 year (Pediatrics 2012 Jun)	07/30/2012 07:33:00 AM
Depression - differential diagnosis	MQIC guideline on primary care diagnosis and management of adults with depression (National Guideline Clearinghouse 2012 Jul 23)	07/25/2012 02:25:00 PM
Vitamin D intake and supplementation	vitamin D plus calcium supplementation may not reduce depressive symptoms in postmenopausal women (Am J Epidemiol 2012 Jul 1)	07/25/2012 11:48:00 AM
Erectile dysfunction	FDA warns consumers not to consume X-ROCK 3 Day Pill For Men and Z-ROCK products (FDA MedWatch 2012 Jul 24)	07/25/2012 10:12:00 AM
Delirium	nonpharmacological intervention may prevent delirium in hospitalized older patients (Age Ageing 2012 May 15 early online)	07/24/2012 09:00:00 AM
Obstructive sleep apnea (OSA)	Mediterranean diet may reduce apnea-hypopnea index during sleep compared to prudent diet in patients with OSA (Eur Respir J 2012 Jun)	07/23/2012 05:19:00 AM
Dementia evaluation	Incidence varies with diagnostic criteria used and cohort studied (Lancet 2012 Jul 7)	07/19/2012 02:46:00 PM
Delirium	postoperative development of delirium associated with cognitive decline during first year after cardiac surgery (N Engl J Med 2012 Jul 5)	07/19/2012 02:05:00 PM
Depression alternative treatments	music listening may improve depressive symptoms in adults (Complement Ther Med 2011 Dec)	07/19/2012 10:56:00 AM
Depression	transcranial direct current stimulation may improve mood in patients with depression (Br J Psychiatry 2012 Jan)	07/19/2012 10:41:00 AM
Anorexia nervosa	case report of eating disorder not otherwise specified (N Engl J Med 2012 Jul 12)	07/17/2012 08:24:00 AM
Bulimia	case report of eating disorder not otherwise specified (N Engl J Med 2012 Jul 12)	07/17/2012 08:24:00 AM
Schizophrenia	integrated psychological intervention may delay progression to psychosis compared to supportive counseling in patients with prodromal symptoms (Br J Psychiatry 2012 Jan)	07/16/2012 05:28:00 AM
Alzheimer disease	memory clinics may not improve quality of life or caregiver burden compared to care by general practitioner in patients with newly diagnosed mild-to-moderate dementia (BMJ 2012 May 15)	07/11/2012 09:08:00 PM

Tools





Search

- Top
- Related Summaries
- Overview
- Definitions
- Incidence and Prevalence
- Differential Diagnosis
- History and Physical
- Diagnostic Testing
- Cognitive and Functional Assessment
- Quality Improvement
- Guidelines and Resources
- Patient Information
- ICD-9/ICD-10 Codes
- References
- Search Other Services »

Back 1 of 1

Expand All Collapse All

Dementia evaluation

Updated 2012 Jul 19 02:46:00 PM: Incidence varies with diagnostic criteria used and cohort studied (Lancet 2012 Jul 7) view update Show more updates

Related Summaries:

- Mild cognitive impairment
- Alzheimer disease
- Vascular dementia
- Frontotemporal dementia
- Normal-pressure hydrocephalus (NPH)

Overview:

- diagnosis of dementia based on decline in memory and cognitive abilities significant enough to interfere with ability to perform activities of daily living
- common causes of dementia include neurodegenerative causes (such as Alzheimer disease) and vascular dementias
- potentially reversible causes of impaired cognitive function include depression, delirium, seizure, infections, metabolic abnormalities, brain lesions, and medication
- diagnostic evaluation
 - begin with history and physical to identify any potentially reversible cause
 - obtain additional clinical history from independent informant when available
 - functional assessment should include
 - standardized cognitive assessments (EFNS Level A)
 - assessment of activities of daily living (EFNS Level A)
 - behavioral and psychological assessments to check for depression and psychosis (EFNS Level A)
 - blood tests recommended for most patients include complete blood count, electrolytes, glucose, calcium, renal function tests, liver function tests, thyroid stimulating hormone, vitamin B12, folate, erythrocyte sedimentation rate (EFNS Good Practice Point)
 - cerebral imaging (computed tomography [CT] or magnetic resonance imaging [MRI]) recommended for most patients (EFNS Level A)
- diagnosis of dementia is not synonymous with mental incapacity
 - determination of decision-making capacity should involve evaluation of patient's current functional status to perform specific task required (EFNS Good Practice Point)
 - Clinical Dementia Rating scale considered useful for identifying patients at increased risk for unsafe driving (AAN Level A)

- Definitions
- Incidence and Prevalence
- Differential Diagnosis
- History and Physical
- Diagnostic Testing
- Cognitive and Functional Assessment
- Quality Improvement

Send Comment to Editor

E-mail me when this topic has been updated.

How often:

Once a day

Your E-mail:

Create Alert

- Tools
- Print
- Share

CLINICIANS

PATIENTS

INSTITUTIONS

EDUCATORS

SUBSCRIBE

WOLTERS KLUWER HEALTH CLINICAL SOLUTIONS



New Search:

All Topics ▼ [Search](#)

CLICK YOUR SPECIALTY TO LEARN MORE:

- ADULT AND PEDIATRIC EMERGENCY MEDICINE
- ADULT PRIMARY CARE AND INTERNAL MEDICINE
- ALLERGY AND IMMUNOLOGY
- CARDIOVASCULAR MEDICINE
- DERMATOLOGY
- ENDOCRINOLOGY AND DIABETES
- FAMILY MEDICINE AND GENERAL PRACTICE
- GASTROENTEROLOGY AND HEPATOLOGY
- GENERAL SURGERY
- GERIATRICS
- HEMATOLOGY
- HOSPITAL MEDICINE
- INFECTIOUS DISEASES
- NEPHROLOGY AND HYPERTENSION
- NEUROLOGY
- OBSTETRICS, GYNECOLOGY, AND WOMEN'S HEALTH
- ONCOLOGY
- PEDIATRICS
- PSYCHIATRY**
- PULMONARY, CRITICAL CARE, AND SLEEP MEDICINE
- RHEUMATOLOGY

The clinical answers you need - anytime, anywhere

UpToDate®, which is available through the [Web](#) and [Mobile Devices](#), combines the most recent evidence with the experience of expert physicians around the world. Whenever you have a clinical question, you can tap into the collective wisdom and experience of our faculty of over 5,100 leading clinicians.

[UpToDate® Mobile Access](#)
[Click here](#) for information on how to access UpToDate through your mobile device!

UpToDate® Mobile Access

Visit [Mobile Access](#) for information on how to access UpToDate through your mobile device!

- [Special Trainee Rate](#)
- [Read our Editorial Policy](#)
- [Read Sample Topics](#)



Effortless CME



What's New



Contents



Patient Education



This site complies with the HONcode standard for trustworthy health information: [verify here.](#)

MORE:

- ADULT AND PEDIATRIC EMERGENCY MEDICINE
- ADULT PRIMARY CARE AND INTERNAL MEDICINE
- ALLERGY AND IMMUNOLOGY
- CARDIOVASCULAR MEDICINE
- DERMATOLOGY
- ENDOCRINOLOGY AND DIABETES
- FAMILY MEDICINE AND GENERAL PRACTICE
- GASTROENTEROLOGY AND HEPATOLOGY
- GENERAL SURGERY
- GERIATRICS
- HEMATOLOGY
- HOSPITAL MEDICINE
- INFECTIOUS DISEASES
- NEPHROLOGY AND HYPERTENSION
- NEUROLOGY
- OBSTETRICS, GYNECOLOGY, AND WOMEN'S HEALTH
- ONCOLOGY
- PEDIATRICS
- PSYCHIATRY**
 - AUTHORS AND EDITORS
 - CONTENTS
 - EDUCATIONAL OBJECTIVES
 - EFFORTLESS CME
 - PROVATION® ORDER SETS, POWERED BY UPTODATE® DECISION SUPPORT

UpToDate in Psychiatry

The UpToDate faculty is currently developing UpToDate in Psychiatry. Some content for this specialty is already included in UpToDate, with new topics being added to each new release.

All of our topics are written exclusively for UpToDate by physicians for clinicians. Thousands of your colleagues serve as authors, editors and peer reviewers. Our content is evidence-based, comprehensive, and fully referenced and is subject to an extensive peer review process to ensure that the information and recommendations are accurate and reliable.

- [Authors and Editors in Psychiatry](#)
- [Contents in Psychiatry](#)
- [Educational Objectives in Psychiatry](#)
- [Click here to learn how to earn effortless CME](#)
- [Learn about ProVation® Order Sets, powered by UpToDate® Decision Support](#)

If you'd like us to contact you when UpToDate in Psychiatry is complete just [send us an email](#) and we'll send you an announcement letting you know when it's available in its entirety.

CLICK YOUR SPECIALTY TO LEARN MORE:

- ADULT AND PEDIATRIC EMERGENCY MEDICINE
- ADULT PRIMARY CARE AND INTERNAL MEDICINE
- ALLERGY AND IMMUNOLOGY
- CARDIOVASCULAR MEDICINE
- DERMATOLOGY
- ENDOCRINOLOGY AND DIABETES
- FAMILY MEDICINE AND GENERAL PRACTICE
- GASTROENTEROLOGY AND HEPATOLOGY
- GENERAL SURGERY
- GERIATRICS
- HEMATOLOGY
- HOSPITAL MEDICINE
- INFECTIOUS DISEASES
- NEPHROLOGY AND HYPERTENSION
- NEUROLOGY
- OBSTETRICS, GYNECOLOGY, AND WOMEN'S HEALTH
- ONCOLOGY
- PEDIATRICS
- PSYCHIATRY

Contents

- What's New
- Patient Information
- Authors and Editors
- Adult and Pediatric Emergency Medicine
- Adult Primary Care and Internal Medicine
- Allergy and Immunology
- Calculators**
- Cardiovascular Medicine
- Dermatology
- Drug Information
- Endocrinology and Diabetes
- Family Medicine and General Practice
- Gastroenterology and Hepatology
- General Surgery
- Geriatrics
- Hematology
- Hospital Medicine
- Infectious Diseases
- Nephrology and Hypertension
- Neurology
- Obstetrics, Gynecology and Women's Health
- Oncology
- Pediatrics
- Practice Changing UpDates
- Psychiatry
- Pulmonary, Critical Care, and Sleep Medicine
- Rheumatology

CLICK YOUR SPECIALTY TO LEARN MORE:

- ADULT AND PEDIATRIC EMERGENCY MEDICINE
- ADULT PRIMARY CARE AND INTERNAL MEDICINE
- ALLERGY AND IMMUNOLOGY
- CARDIOVASCULAR MEDICINE
- DERMATOLOGY
- ENDOCRINOLOGY AND DIABETES
- FAMILY MEDICINE AND GENERAL PRACTICE
- GASTROENTEROLOGY AND HEPATOLOGY
- GENERAL SURGERY
- GERIATRICS
- HEMATOLOGY
- HOSPITAL MEDICINE
- INFECTIOUS DISEASES
- NEPHROLOGY AND HYPERTENSION
- NEUROLOGY
- OBSTETRICS, GYNECOLOGY, AND WOMEN'S HEALTH
- ONCOLOGY
- PEDIATRICS
- PSYCHIATRY

Contents: Calculators

You receive the entire UpToDate library of specialties with your subscription. Click on a section below to view a detailed list of topics associated with that particular section. If you'd like to see the table of contents for other specialties, [click here](#).

- Cardiology calculators
- Critical care calculators
- Emergency med calculators
- Endocrinology calculators
- Gastroenterology and Hepatology calculators
- General surgery calculators
- Hematology calculators
- Hospital medicine calculators
- ID calculators
- Nephrology calculators
- Neurology calculators
- Obstetrics calculators
- Oncology calculators
- Pediatrics calculators
- Primary care calculators
- Pulmonology calculators
- Rheumatology calculators

Patient Information

CLICK YOUR SPECIALTY TO LEARN MORE:

- ADULT AND PEDIATRIC EMERGENCY MEDICINE
- ADULT PRIMARY CARE AND INTERNAL MEDICINE
- ALLERGY AND IMMUNOLOGY
- CARDIOVASCULAR MEDICINE
- DERMATOLOGY
- ENDOCRINOLOGY AND DIABETES
- FAMILY MEDICINE AND GENERAL PRACTICE
- GASTROENTEROLOGY AND HEPATOLOGY
- GENERAL SURGERY
- GERIATRICS
- HEMATOLOGY
- HOSPITAL MEDICINE
- INFECTIOUS DISEASES
- NEPHROLOGY AND HYPERTENSION
- NEUROLOGY
- OBSTETRICS, GYNECOLOGY, AND WOMEN'S HEALTH
- ONCOLOGY
- PEDIATRICS
- PSYCHIATRY

Contents: Pediatrics calculators

Clinical Criteria

- Calculator: Apgar Score
- Calculator: Newborn hyperbilirubinemia assessment

Medical Equations

- Calculator: Blood pressure percentiles for boys (2 to 17 years)
- Calculator: Blood pressure percentiles for girls (2 to 17 years)
- Calculator: Body Mass Index (BMI) percentiles for boys (2 to 20 years)
- Calculator: Body Mass Index (BMI) percentiles for girls (2 to 20 years)
- Calculator: Body Surface Area (Mosteller, square root method)
- Calculator: Body mass index for boys (Patient information)
- Calculator: Body mass index for girls (Patient information)
- Calculator: CDC height for age percentiles for boys (2 to 20 years)
- Calculator: CDC height for age percentiles for girls (2 to 20 years)
- Calculator: CDC weight for height percentiles for boys (77 to 121 cm tall)
- Calculator: CDC weight for height percentiles for girls (77 to 121 cm tall)
- Calculator: CDC/NCHS infant head circumference for age percentiles (<36 months)
- Calculator: CDC/NCHS infant length for age percentiles (<36 months)
- Calculator: CDC/NCHS infant weight for age percentiles (<36 months)

PsychiatryOnline

On campus, head directly to Psychiatry Online at www.psychiatryonline.com.

Off campus, head to www.lib.umich.edu/thl and search for “psychiatryonline” in the Search box. Click on the link to PsychiatryOnline in the Databases section. You will need to log-in using your Level One/Kerberos username and password.

What is PsychiatryOnline?

PsychiatryOnline is a mobile-friendly, web-based portal that provides instant access to resources

- **DSM**[®] Library titles including DSM-IV-TR[®], DSM-IV-TR[®] Handbook of Differential Diagnosis, and DSM-IV-TR[®] Casebook and its Treatment Companion
- **Journals** including The American Journal of Psychiatry, Psychiatric Services, Journal of Neuropsychiatry and Clinical Neurosciences, and Academic Psychiatry
- **Textbooks** including The American Psychiatric Publishing Textbook of Psychiatry, Gabbard's Treatments of Psychiatric Disorders, Textbook of Psychotherapeutic Treatments, The American Psychiatric Publishing Textbook of Geriatric Psychiatry, The American Psychiatric Publishing Textbook of Substance Abuse Treatment, The American Psychiatric Publishing Textbook of Psychopharmacology, and Manual of Clinical Psychopharmacology
- **American Psychiatric Association Practice Guidelines** for the treatment of psychiatric disorders (quick reference and comprehensive versions)
- **Self-assessment tools** for study, board certification and recertification review, AMA PRA Category 1 Credits[™], and lifelong learning
- **Clinical & research news** from Psychiatric News
- **Medication information handouts** for patients

[My PsychiatryOnline](#) (PDA Downloads, Bookmarks, Email to a Colleague & more)

[Log Out \(or Change User\)](#)

PsychiatryOnline is used as a resource for the **Psychiatry Resident-in-Training® Examination (PRITE®)** and the **Psychiatrists In-Practice Examination® (PIPE®)** by The American College of Psychiatrists®. [Learn more about the PRITE and PIPE](#)

Subscribe/Renew | Take a [Site Tour](#)/Read More About the Site |

[24- or 48-Hour Site Access](#)



Look inside...it's FREE! Click on a book or journal title to view sample content.

DSM® LIBRARY



- [DSM-IV-TR®](#)
- [DSM-IV-TR® Handbook of Differential Diagnosis](#)
- [DSM Cases](#)
- [View entire DSM Library](#)
(NOW includes previous editions of DSM)

JOURNALS

- [American Journal of Psychiatry](#)
- [Psychiatric Services](#)
- [Academic Psychiatry](#)
- [Neuropsychiatry & Clinical Neurosciences](#)
- [Psychiatric News](#)

[SIGN UP](#) for journal alerts/downloads

GUIDELINES



APA PRACTICE
GUIDELINES

Treatment of Patients With Major Depressive Disorder
[Comprehensive Guideline](#) added 11/2010

[Go to Practice Guidelines >](#)

TEXTBOOKS

Textbook of Psychiatry
HALES, YUDOFKY & GABBARD

Treatments of Psychiatric Disorders
GABBARD

Textbook of Psychotherapeutic Treatments
GABBARD

Textbook of Geriatric Psychiatry
BLAZER & STEFFENS

Manual of Clinical Psychopharmacology
SCHATZBERG, COLE & DEBATTISTA

NEW Textbook of Traumatic Brain Injury
SILVER, MCALLISTER, & YUDOFKY

Dulcan's Textbook of Child and Adolescent Psychiatry
DULCAN

Textbook of Substance Abuse Treatment
GALANTER & KLEBER

The American Psychiatric Publishing Textbook of Psychopharmacology
SCHATZBERG & NEMEROFF

FOR PATIENTS & FAMILIES

What Your Patients Need to Know About Psychiatric Medications

Your access is provided courtesy of
University of Michigan Library

My PsychiatryOnline

PDA Downloads, Bookmarks, Email to a Colleague & Saved Searches.

NEW TEXTBOOK!



[Textbook of Traumatic Brain Injury, 2nd Edition](#)

Clinical & Research News



19 August 2011

- [Psychiatric Services, Integrated Care, and San Francisco](#)
- [N.Y. Psychiatrists Recount How Sept. 11 Changed Their Lives](#)



- [Regulatory and industry briefs](#)

The Latest Journal Headlines



AJP in Advance—Key articles available in advance of print

- **A New Lead From Genetic Studies in Depressed Siblings: Assessing Studies of Chromosome 3**
Steven P. Hamilton, M.D., Ph.D. (From [American Journal of Psychiatry](#))
- **Social marketing campaigns to reduce the stigma: five basic principles**
Patrick W. Corrigan, Psy.D. (From [Psychiatric Services](#))
- **Sleep Disturbance After Mild Traumatic Brain Injury: Indicator of Injury?**
Rao V et al. (From [Neuropsychiatry Clin Neurosci](#))
- **A Resident, Rural Telepsychiatry Service: Training and Improving Care for Rural Populations**

How can I download books from this website?

PsychiatryOnline allows unlimited download of book sections to your PDA for later reference! To download:

- Click “My PsychiatryOnline.” Complete the “New User” section to set-up your account. In future, use the “Registered User Log-in” section to log-in.
- Browse to a textbook section of interest using the “Textbooks” tab in the main menu bar. An example of a textbook section is a book chapter.
- Click the link for “PDA Download” just below the chapter title. A link and instructions for downloading will display.

 **PDA Download**

STAT!Ref®

- STAT!Ref is a cross-searchable electronic medical resource that integrates core texts and reference titles with evidence-based clinical guidance resources from 22 publishers including McGraw-Hill, Lippincott Williams & Wilkins, Micromedix, WebMD, Merck Research, and American College of Physicians.
- Among the 65 titles that span 29 medical specialties are Harrison's Principles of Internal Medicine, 10 from the Lange Current Series, Davis's Drug Guide for Nurses, Nursing Diagnosis Reference Manual, and the soon-to-be-added Brunner & Suddarth's Textbook of Medical-Surgical Nursing.
- Evidence-based resources include the ACP's PIER and Griffith's 5-Minute Clinical Consult. Free PDA downloads of ACP's PIER to PalmOS users is included. Stedman's Medical Dictionary and a medical calculator are included.

End User License

UMLS Metathesaurus Copyright Notice

STAT!Ref uses the National Library of Medicine's UMLS Metathesaurus to expand terms into related concepts when searching.

Some material in the UMLS Metathesaurus is from copyrighted sources of the respective copyright holders. Users of the UMLS Metathesaurus are solely responsible for compliance with any copyright, patent or trademark restrictions and are referred to the copyright, patent or trademark notices appearing in the original sources, all of which are hereby incorporated by reference.

[Click to see the STAT!Ref Terms and Conditions](#)

I Accept

I do NOT Accept

Tools & Features

Titles

- AAFP Conditions A to Z (2012)
- ACP Medicine
- ACP PIER & AHFS D[®] Essentials™
- ACS Surgery: Principles & Practice
- AHFS Drug Information[®] (2012)
- AJCC Cancer Staging Handbook - 7th
- Bell's Orofacial Pains - 6th Ed. (2005)
- Clinical Laboratory Hematology - 2nd
- Code on Dental Procedures and Non
- Comprehensive Periodontics For the I
- CPT with RVUs Data File, INGENIX[®]
- Credentialing and Privileging Your Ho
- Critical Thinking: Understanding and I
- Davis's Drug Guide for Nurses[®] - 13th
- Delmar's Guide to Laboratory and Dia
- Dental Materials and Their Selection -
- Dental Public Health and Research: C
- Diagnostic and Statistical Manual of N
- Diseases and Disorders: A Nursing TI
- DrugPoints[®] System
- EKG Plain and Simple - 3rd Ed. (2012)
- Environment of Care[®] Essentials for I
- Essential Guide for Patient Safety Off
- Essentials of Dental Radiography for I
- Esthetics in Dentistry: Volume 1 - 2nd
- Esthetics in Dentistry: Volume 2 - 2nd
- Ethical Questions in Dentistry - 2nd E
- Fundamental & Advanced Nursing Sk
- Handbook of Fluid, Electrolyte, and A
- Handbook on Injectable Drugs - 18th I
- Holland-Frei Cancer Medicine - 8th Ed
- ICD-10 (2012)
- ICD-9-CM - Volumes 1, 2 & 3 (2012)
- INFECTIOUS DISEASES: The Clinici
- Jablonski's Dictionary of Medical Acro
- Lab Manual of Normal Oral Histology
- Medication Reconciliation Handbook -
- Meeting the Joint Commission's 2012
- Nurse's Pocket Guide: Diagnoses, Pri
- Nursing Diagnosis Reference Manual
- OLS[®] Maternal-Newborn Nursing & I
- Oral and Intravenous Bisphosphonate
- Oral and Maxillofacial Pathology - 1st
- Oral Microbiology and Immunology (2
- Pediatric Nursing: Caring for Children
- Perioperative Standards and Reconn
- Peterson's Principles of Oral and Max
- Pharmacotherapeutics: A Primary Car
- Primary Preventive Dentistry - 7th Ed.
- Red Book[®]: 2012 Report of the Comm
- Reichel's Care of the Elderly: Clinical
- Seltzer and Bender's Dental Pulp (20
- Stedman's Medical Dictionary for the I
- Surgical Manual of Implant Dentistry:
- Taber's[®] Cyclopedic Medical Dictiona
- Temporomandibular Disorders - 1st Ed
- Textbook of Family Medicine - 3rd Ed.

STAT!Ref Mobile Applications



Access STAT!Ref Anytime, Anywhere

The FREE STAT!Ref Mobile App takes your healthcare e-sources on the go with powerful interactive functionality. Currently available for:

- iPhone & iPad (New!)
- BlackBerry
- Android phones and tablets (New!)

Click for instructions and links to the [STAT!Ref Mobile apps](#).



Training Center

- STAT!Ref Demo Tutorial
- STAT!Ref Quick Guide
- Stedman's Quick Guide
- MedCalc 3000 Quick Guide
- Evidence Alerts - How to
- Medical News Feed - How to
- STAT!Ref CDC Resources

[All Training Center Resources](#)

Anatomy.tv



ANATOMY.TV is a suite of 3D interactive models of human anatomy. Intuitive controls allow the user to zoom, rotate and peel away layers to educate and communicate with an ease and directness that was never possible with print. A wealth of supporting media, MRIs, X-rays, live-action ...

MedCalc 3000



MedCalc 3000 is a unique computerized medical reference and tool set. It encompasses a wide array of pertinent medical formulae, clinical criteria sets and decision tree analysis tools used everyday by clinicians, medical educators, nurses and health care students of all types. With the growing emphasis and application o...

ACP PIER & AHFS D[®]...



PIER[®] is a collection of over 400 evidence summaries published by the American College of Physicians. Each module provides authoritative guidance to impro...

You have access to:



Esthetics in Dentistry is the ultimate challenge for the restorative dentist. A restoration must not only look good, it must also function well and endure th...

You Last Viewed

Your document viewing history is empty. As you use STAT!Ref, this panel will automatically display your most recently viewed documents.

You Last Searched

Your search history is empty. As you use STAT!Ref, this panel will automatically display your most recent search queries.

★ Favorites

You must be logged in to a "STAT!Ref Preferences" account in order to use this feature.

[Click here to log in now](#)

Evidence Alerts

- Non-opioid drugs for pain management in labour.
- Improving Survival Trends In Primary Myelofibrosis: An Internatio...
- Multicenter randomized controlled trial comparing early versus late aqua...
- Glutamine supplementation for young infants with severe gastrointes...
- Procalcitonin usefulness for the initiation of antibiotic treatment in in...
- Conservative management of patients with an osteoporotic vertebr...



Search:

Enter a search query and click Go:

Go

Logout

[Link to page](#)

[Advanced Search Page](#)

Tools & Features »

Titles

Your STAT!Ref Preferences Account

Details Temporary Login Account Settings Search Sets Alerts

Preferences Account Login

Signing up for a Preferences account allows you to customize your STAT!Ref experience and gives you access to personalized features like sticky notes and STAT!Ref Evidence Alerts. It's easy, confidential, and completely FREE! For more information click [here](#).

What is your email address?

Email Address:

Do you have a Preferences password?

- No, I want to create a Preferences account
- Yes, I have a password: ([Forgot?](#))
- Remember my profile on this computer

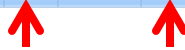
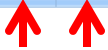
OK

Your privacy is important to us. The email address you submit is used for identification purposes and to help STAT!Ref provide better service to our customers. STAT!Ref does not sell, trade or transfer personal information to third parties for any use.

MD Consult

MDConsult offers full-text textbooks and journal articles including:

- Medical Reference Books
- Full-Text Journals and Clinics of North America
- Guidelines
- Patient Education
- Drug Information



Experience Point-of-Care Content with On-The-Go Access.

[DOWNLOAD](#) the FREE First Consult iPhone/iPad app NOW!

Search for [Search](#) [Translate Query](#)

Save time with search results tailored for common clinical topics. Try it: [Depression](#)

- Recommended Resources Topic List
- Recommended Resources for Your Specialty

What Your Colleagues Are Reading

- BMJ: Study questions benefits of annual chlamydia screening (Summary)
- Arch Intern Med: Frailty linked to earlier initiation of dialysis and increased mortality (Summary)
- Patient-reported outcomes for total hip and knee arthroplasty detailed in the August issue of Clinics in Geriatric Medicine (Full-text)

[Read more from Journals](#)

[Read more from The Clinics](#)

News & Updates

- Enthesis-related arthritis has two faces
- OCD commonly precedes schizophrenia in men with both
- Vincristine-based Marqibo approved for certain patients with acute lymphoblastic leukemia

[Read more News and Drug Updates](#)

[Sign up for MD Consult's free weekly e-mail newsletter.](#)

[Subscribe to MD Consult's Top News Stories RSS feed](#) or [the In This Week's Journals RSS feed.](#)



You are here: Home > Books

Books

Specialties Alphabetically

- Allergy, Asthma & Immunology
- Alternative Medicine
- Anesthesiology & Pain Management
- Cardiology
- Critical Care
- Dentistry
- Dermatology
- Emergency Medicine
- Endocrinology & Metabolism
- Family Medicine
- Gastroenterology
- Geriatric Medicine
- Hematology
- Hospice & Palliative Care
- Hospital Medicine
- Infectious Disease
- Internal Medicine
- Neonatology
- Nephrology
- Neurology
- Obstetrics & Gynecology
- Oncology
- Ophthalmology
- Orthopedic Surgery
- Otolaryngology
- Pathology
- Pediatrics
- Physical Medicine & Rehabilitation
- Psychiatry
- Pulmonary Medicine
- Radiology
- Rheumatology
- Sleep Medicine
- Sports Medicine
- Surgery, General
- Urology

Allergy, Asthma & Immunology

- **Adkinson:** Middleton's Allergy: Principles and Practice, 7th ed. - 2008 - Mosby, An Imprint of Elsevier

Alternative Medicine

- **Pizzorno:** Textbook of Natural Medicine, 3rd ed. - 2006 - Churchill Livingstone, An Imprint of Elsevier
- **New Edition - Rake!** Integrative Medicine, 3rd ed. - 2012 - Saunders, An Imprint of Elsevier

Anesthesiology & Pain Management

- **Atlee:** Complications in Anesthesia, 2nd ed. - 2006 - Saunders, An Imprint of Elsevier
- **Benzon:** Essentials of Pain Medicine and Regional Anesthesia, 2nd ed. - 2004 - Churchill Livingstone, An Imprint of Elsevier
- **Benzon:** Raj's Practical Management of Pain, 4th ed. - 2008 - Mosby, An Imprint of Elsevier
- **Brown:** Atlas of Regional Anesthesia, 4th ed. - 2010 - Saunders, An Imprint of Elsevier
- **Chestnut:** Obstetric Anesthesia, 4th ed. - 2009 - Mosby, Inc.
- **de Leon:** Cancer Pain, 1st ed. - 2006 - Saunders, An Imprint of Elsevier
- **Fleisher:** Anesthesia and Uncommon Diseases, 5th ed. - 2005 - Saunders, An Imprint of Elsevier

What's New in Books

- **New Edition:** Ferri: Ferri's Clinical Advisor 2013
- **New Edition:** Gabbe: Obstetrics: Normal and Problem Pregnancies, 6th ed.
- **New Edition:** Rake!: Integrative Medicine, 3rd ed.



MD CONSULT FIND THE ANSWER

View and Print Book Chapter PDFs

Now access books, journals and Clinics. Soon to be available for over 500 specialty eBooks!

LEARN MORE >>

About Books

The **complete full text** of these leading medical books is available online.

Navigate using the **Table of Contents** or **Index**.

Search across **all books** or within an **individual book**.

View and search for over 50,000 photos, tables, graphs, and **full-size images** from books.

Search Journals / MEDLINE® for Search Translate Query Try our Citation Search



Author: Last Name FI MI Date Range 2008 to Current Article Type: All

Journal Name: OR Date: Ex. Mar 2010 Subject Age: All

You are here: Home > Journals

Journals

- American Family Physician (Add Journals Issue Alert)
Full text available from January 1999 - present
- American Heart Journal (Add Journals Issue Alert)
Full text available from January 1995 - present
- The American Journal of Cardiology (Add Journals Issue Alert)
Full text available from January 2001 - present
- American Journal of Emergency Medicine (Add Journals Issue Alert)
Full text available from January 1995 - present
- American Journal of Gastroenterology
Full text available from January 1995 - December 1997
- American Journal of Kidney Diseases (Add Journals Issue Alert)
Full text available from January 1999 - present
- The American Journal of Medicine (Add Journals Issue Alert)
Full text available from January 2001 - present
- American Journal of Obstetrics and Gynecology (Add Journals Issue Alert)
Full text available from January 1995 - present
- American Journal of Ophthalmology (Add Journals Issue Alert)
Full text available from January 2004 - present
- American Journal of Sports Medicine
Full text available from January 1995 - November 1999
- American Journal of Surgery (Add Journals Issue Alert)
Full text available from January 2001 - present
- Annals of Emergency Medicine (Add Journals Issue Alert)
Full text available from January 1995 - present
- Annals of Family Medicine (Add Journals Issue Alert)
Full text available from May/June 2003 - present
- Best Practice & Research Clinical Endocrinology & Metabolism (Add Journals Issue Alert)
Full text available from February 2008 - present
- Canadian Medical Association Journal (Add Journals Issue Alert)
Full text available from January 2001 - present
- Chest (Add Journals Issue Alert)
Full text available from January 1996 - present

In This Week's Journals

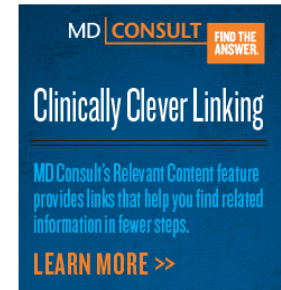
Article summaries from the top general interest journals, updated with new issue release.

Subscribe to this RSS Feed

- The Journal of the American Medical Association
- The New England Journal of Medicine
- The Lancet
- British Medical Journal
- Annals of Internal Medicine
- Archives of Internal Medicine
- Canadian Medical Association Journal
- Pediatrics

What's New in Journals

- Journal of Allergy and Clinical Immunology: August 2012
- The Lancet Oncology: August 2012
- Obesity Research & Clinical Practice: July-September 2012



About Journals

The complete full-text of these leading medical journals are available online, along with abstracts and citations for all journals in MEDLINE®.

PDFs are available for most full-text articles.

Search across all journals or within an individual journal.

Search for

Drug Names + Indications Drug Names Indications Contraindications



You are here: [Home](#) > [Drugs](#)

Drugs

- Drugs**
- Indications
- Contraindications
- Adverse Reactions

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z 0-9 Punct

Select a letter above to view all brand name and generic drugs starting with that letter.

Safety Notices

- JUL 24, 2012 - FDA warns of seizure risk in patients with MS taking Ampyra
- JUL 16, 2012 - Glass particle concerns prompt recall of various Hospira injectables
- JUL 05, 2012 - Updated label for antibiotic cefepime warns of risk of status epilepticus in patients with renal impairment

[>All Safety Notices](#)

FDA Approvals

- AUG 10, 2012 - Vincristine-based Marqibo approved for certain patients with acute lymphoblastic leukemia
- AUG 03, 2012 - FDA approves new angiogenesis inhibitor for certain patients with metastatic colorectal cancer
- JUL 30, 2012 - FDA approves delayed-release prednisone product for a variety of indications

[>All FDA Approvals](#)

About Drug Information

MD Consult drug information is provided by Gold Standard.

Includes generic and brand name drugs, investigational medications, nutraceuticals, and nutritional products.

FDA Approvals and **Safety Notices** are added when announced by the US Food and Drug Administration or a specific drug manufacturer.

[Top of page](#)



You are here: [Home](#) > [Images](#)

Images

About Images on MD Consult

Quickly search over 50,000 high-quality medical images from the renowned medical books on MD Consult.

Images include photos, tables, graphs, and more.

Selected Images From a Search on Basal Cell Carcinoma



Figure 2: Superficial basal cell carcinoma.
Cleveland Clinic: Current Clinical Medicine, 2nd ed.



Figure 25-15: Basal cell carcinoma.
Kumar: Robbins and Cotran Pathologic Basis of Disease, Professional Edition, 8th ed.



Figure 21-11: Curettage of a nodular basal cell carcinoma.
Habif: Clinical Dermatology, 5th ed.



Figure 33-82: Sclerosing basal cell carcinoma.
Rakel: Textbook of Family Medicine, 8th ed.



Figure 80-2: Latissimus dorsi muscle free flap to the scalp after recurrent basal cell carcinoma.
Flint: Cummings Otolaryngology: Head & Neck Surgery, 5th ed.



Figure within table: Large blue-gray ovoid nests in a pigmented basal cell carcinoma.
Habif: Clinical Dermatology, 5th ed.

Use of Images on MD Consult

Users may print or download images for their **personal, non-commercial** use provided that all copyright and other proprietary notices are kept intact.

To use images in a poster, publication, or for any other similar use, **permission must be requested** through the Elsevier Rights Department.

[Top of page](#)



***Access* Medicine**

- Access to over 60 medical textbooks
- Custom curriculum module for self-assessment
- Images & video library
- Diagnosaurus
 - Allows you to search 1000+ differential diagnoses by:
 - Symptoms
 - Diseases
 - Organ system
 - All entries

FEATURES TEXTBOOKS ADVANCED SEARCH

Log in/create a My AccessMedicine account

The University of Michigan AccessMedicine collection includes:



View all the textbooks in your collection...

Quick Answers
Expert information on diagnosis and management when you just have a few minutes.

A B C D E F G H I J K L M N O P Q R S T U V W Y Z

FOR MEDICAL STUDENTS

Case Files

Real life cases from the venerable LANGE Case Files™, the world's best-selling case series edited by Eugene C. Toy, MD

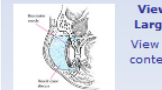
- Basic Science: Anatomy, Pathology, Microbiology, Neuroscience
- Clinical Science: Anesthesiology, Ob/Gyn, Emergency Medicine, Pediatrics, Family Medicine, Internal Medicine, Neurology, Surgery

Diagnostic Tests
A reference guide to diagnostic tests

DIAGNOSAURUS
The latest evolution in DDx - search 1000+ different diagnoses
Go to Diagnosaurus

Practice Guidelines
Concise guidelines from CURRENT Practice Guidelines in Primary Care 2012
Disease Screening | Disease Management | Disease Prevention

IMAGE OF THE DAY
From Emergency Medicine Photo Gallery



View Large
View in context

View the Image Index

VIDEO OF THE MONTH
Examination of the Axial Skeleton

From DeGowin's Diagnostic Examination



Play Video
View in context

AccessMedicine Updates

About Updates



8/10/2012 | Updates: Goodman & Gilman's The Pharmacological Basis of Therapeutics
Ezogabine (POTIGA): First-in-Class Centrally Acting Potassium Channel Activator

8/8/2012 | Updates: Tintinalli's Emergency Medicine: A Comprehensive Study Guide
Update on the Neurodiagnostic Evaluation of Pediatric Febrile Seizures: Less Workup is More.

7/24/2012 | Updates: Tintinalli's Emergency Medicine: A Comprehensive Study Guide
Treating Patients in the Emergency Department with Dilute Proparacaine for Management of Acute Corneal Injury¹

View All Updates

NEW on AccessMedicine | July 2012

Updated: Ganong's Review of Medical Physiology, 24e

A succinct, up-to-date, and clinically relevant review of human physiology with more than 600 full-color illustrations – trusted by generations of students and clinicians.

Updated: Understanding Health Policy: A Clinical Approach, 6e

The most trusted and comprehensive guide to healthcare available, *Understanding Health Policy* provides everything students and professionals need to build a solid foundation on the field's most critical issues.

Updated: CURRENT Practice Guidelines in Primary Care 2012

This newly updated editions offers quick-access to the latest guidelines for the most appropriate preventive services, screening methods, and treatment approaches commonly encountered in the outpatient setting.

Systematic Reviews in the News

Doctors Who Share Patients May Provide Lower Cost Care

07/31/2012, Journal of General Internal Medicine, Patients with diabetes or congestive heart failure who receive care from doctors with high levels of patient overlap have lower total health care costs and lower rates of hospitalization, according to a new study in the Journal of General Internal Medicine.

View All News

Case Files

Apply your knowledge to real-life clinical cases! Prepare for tough questions on rotations and ace exams.

Toy Case Files

Pathophysiology of Disease

These clinical cases were selected from the renowned LANGE Case Files™ series, edited by Eugene C. Toy, MD.

[Sources](#)

View by Specialty

View by Case Number

- ▶ **Anatomy**
- ▶ **Anesthesiology**
- ▶ **Biochemistry**
- ▶ **Emergency Medicine**
- ▶ **Family Medicine**
- ▶ **Internal Medicine**
- ▶ **Microbiology**
- ▶ **Neurology**
- ▶ **Neuroscience**
- ▶ **Ob/Gyn**
- ▶ **Pathology**
- ▶ **Pediatrics**
- ▶ **Pharmacology**
- ▶ **Physiology**
- ▼ **Psychiatry**
 - Alcohol Withdrawal
 - Anorexia Nervosa
 - Autistic Disorder
 - Bipolar Disorder, Manic (Adult)
 - Borderline Personality Disorder
 - Bulimia Nervosa
 - Delirium
 - Dementia
 - Major Depression, Recurrent
 - Pain Disorder
 - Posttraumatic Stress Disorder
 - Schizophrenia, Paranoid

All AccessMedicine

search

[Enable Autosuggest](#)

[Advanced Search](#)

[About Search](#)



DIAGNOSAURUS

Select a category:

[Browse by Symptom](#)

[Browse by Disease](#)

[Browse by Organ System](#)

[View All](#)

McGraw-Hill's **Diagnosaurus 2.0** on AccessMedicine

A differential diagnosis tool for the ages

Diagnosaurus allows you to search 1000+ differential diagnoses by:

- [Symptoms](#)
- [Diseases](#)
- [Organ system](#)
- [All entries](#)

Link from [Diagnosaurus](#) directly into AccessMedicine to learn more about 1000+ of the most common diseases and disorders.

Diagnosaurus 2.0 is derived from McGraw-Hill's AccessMedicine Quick Answers content and was created by Roni F. Zeiger, M.D.

[Instructions](#)

[About](#)

[How to Cite this Resource](#)

Free [Diagnosaurus](#) for your handheld

Drug Databases

- Facts & Comparisons
- Micromedex
- Natural Standard

Facts & Comparison

Covers more than 22,000 Rx, almost 6,000 OTC, and orphan and investigational drugs, is a browser-based electronic version of the following print publications:

- Drug Facts and Comparisons
- Drug Interaction Facts
- Review of Natural Products
- Nonprescription Drug Therapy
- MedFacts
- Drug Interaction Facts: Herbal Supplements and Food
- A to Z Drug Facts

<http://www.factsandcomparisons.com/>

Facts & Comparisons

Trusted, relevant drug information
in a range of formats to suit your needs



What's New

Mobile Access

NOW available! With the Facts & Comparisons eAnswers mobile add on, you can have trusted and authoritative drug information anywhere! [Read more.](#)

New Filters for Facts & Comparisons eAnswers

The product list section of the drug monographs allows you to filter by: Gluten Free, Dye Free and Alcohol Free. [Read more.](#)

Latest Drug News

Read our latest [drug news!](#)

Authoritative Answers to Drug Information Questions

Facts & Comparisons® has been a valued source of drug information for health care professionals for more than half a century. Available in print, online, mobile, or CD-ROM, Facts & Comparisons® delivers trusted, unbiased drug information in a format to meet every need.

Facts & Comparisons®  **Answers**

(formerly Facts & Comparisons® 4.0/eFacts)



*Sign Up for our newsletter
Drug News Update*



*Find out more about our
Data Licensing Options*

License Agreement:

Subscriber Agreement - Terms of Use

The following provisions govern your access to and use of the Facts & Comparisons® eAnswers World Wide Web pages (the "Website"), a service made available to you as a paid subscriber or Website user ("Subscriber") by Wolters Kluwer Health, Inc., or other companies affiliated with Wolters Kluwer worldwide (collectively, "Wolters Kluwer"). Your use of or access to the Website constitutes your agreement to abide by the following terms and conditions, all of which constitute the "Subscriber Agreement." Wolters Kluwer may change the terms of use for the Website. When the terms are changed the changes will appear on this page and are incorporated into the Subscriber Agreement. By using the Website after a change is posted, you agree to be bound by the change. You should consult this page each time you access the Website.

In consideration of your access to and use of the Website, and information and content provided on or through the Website (collectively, the "Content"), you agree to the terms and conditions of this Subscriber Agreement.


Website Content

The Content provided by Wolters Kluwer is owned by or licensed to Wolters Kluwer. Wolters

Do you accept the agreement?

- Interactive Tools**
- [Advanced Dosing Tools](#) >>>
- [Clinical Calculators](#) >>>
- [Comparative Data Tables](#)
- Drug Identifier**
- Drug Interactions**
- Drug Search by Disease/Symptom**
- [IV Compatibility - Trissel's](#)

- References**
- [A to Z Drug Facts](#)
- [Black Box Warnings](#)
- [Chemotherapy Resources](#) >>>
- [Comparative Efficacy Topics](#)
- [Don't Crush / Chew](#)
- [Drug Comparison Tables](#)
- [Drug Facts and Comparisons®](#)
- [Formulary Monograph Service](#)
- [Interaction Resources](#) >>>
- [Look Alike / Sound Alike](#)
- [Medication Safety Programs / REMS](#)
- [Normal Laboratory Values](#)
- [Off-Label Drug Facts](#)
- [Orphan Drugs](#)
- [Other Reference Links](#) >>>
- [Patient Assistance Programs](#)
- [Patient Handouts](#) >>>
- [Pregnancy and Lactation Warnings](#)
- [Review of Natural Products](#)
- [Toxicology Guidelines](#) >>>






 **Search**

[Advanced Search](#) [Search Help](#)
GO >>

 **News**

- [8/9/2012 FDA Approves *Marqibo*](#)
- [8/9/2012 Generic *Singulair* Approved](#)
- [8/6/2012 FDA Approves *Zaltrap* for Metastatic Colorectal Cancer](#)
- [More News](#)

 **What's New**

-  [Access the Facts & Comparisons Quick Start Guide](#)
-  [Click here to enhance your Facts & Comparisons eAnswers skills via our updated tutorial!](#)
-  [Register for free Facts & Comparisons Mobile web access](#)
-  **Notice: New enhancements available for the Drug Interaction Tool**
-  [Tips to Enhance the User Experience-Updated for August: Highlighting Our Most Popular Comparative Tables](#)
- [Latest Updates](#)
- [Discontinued Items](#)

Micromedix

On UM Ann Arbor Medical Campus Only

To access MICROMEDEX click on the following link:

[*http://ummciisweb8.mcit.med.umich.edu:81/hcs/librarian*](http://ummciisweb8.mcit.med.umich.edu:81/hcs/librarian)

Elsewhere on UM Ann Arbor Campus, or from Off Campus
Use this link to the UMHS Level 1 Authentication Service:

[*http://level1.med.umich.edu*](http://level1.med.umich.edu) [“level” followed by the numeral one]

You will be prompted for your unqname, then your kerberos password. Select the default "Standard Sign-on" and you will reach a page with a number of UMHS services; MICROMEDEX is the eighth item on the list.

Micromedex is comprised of the following resources:

- Comprehensive drug details - DRUGDEX®
- Check for drug interactions - DRUG-REAX®
- Identify loose tablets & capsules - IDENTIDEX®
- Verify IV compatibility - IV INDEX®
- International drugs - Index Nominum
- Drug information from Royal Pharmaceutical Society – Martindale
- Facts on FDA-approved drugs - PDR®
- Identify and manage drug overdoses & toxicological exposures - POISINDEX®
- Evaluate human reproductive risks of drugs - REPRORISK®
- Labeled and off-label drug uses - USP DI®
- Quick guidance for emergency care - DISEASEDEX Emergency Medicine
- Look up best treatment practices - DISEASEDEX General Medicine
- Evaluate hazard exposures - TOMES®
- Visually pinpoint diseases - VisualDx®
- Monitor drug and therapeutic levels for labs - Lab Advisor
- Herbals, supplements, & alternative therapies – AltMedDex
- Blend conventional and alternative medicines - AltMedDex Protocols
- International guidance on herbals - Herbal Medicines from the Royal Pharmaceutical Press



MICROMEDEX Gateway for University of Michigan Medical Center

MICROMEDEX® 2.0 and MICROMEDEX® 1.0 (Healthcare Series):

- Evidence based information from Micromedex. This includes all the unbiased, referenced information about drugs, toxicology, diseases, acute care, and alternative medicine you need to make informed clinical diagnosis and treatment decisions. [Learn More](#)

CareNotes® System:

- CareNotes provides your patients with complete, easy-to-understand information about all aspects of their care, medications, and health, in up to 15 languages. [Learn More](#)

RED BOOK Online® : (Access through MICROMEDEX 2.0)

- Provides daily access to drug pricing and descriptive information for more than 200,000 active and deactivated FDA-approved prescription and over-the-counter(OTC) medications, nutraceuticals, bulk chemicals as well as for some medical devices and supplies. [Learn More](#)

Formulary Advisor®:

- Formulary Advisor® is an easy-to-use online formulary management tool to effectively manage and update a hospital's formulary and communicate the most current formulary information facility-wide. [Learn More](#)

PDR® Electronic Library:

- The PDR® Electronic Library provides instant access to FDA approved drug information to include drug interactions, side effects, recommended dosages, contraindications, and more. [Learn More](#)

Live & Recorded Online Training, Quick Reference Cards, Interactive Online Tutorials, Users Guides, and other promotional resources are all available **Free** from [MICROMEDEX Training](#)

Each Thomson Reuters (Healthcare) Inc. company provides its products AS IS. All users should read each product's complete Warranty & Disclaimer for special terms and conditions prior to using a product. All information is intended for use only by competent healthcare and safety professionals and should be utilized in conjunction with pertinent clinical or situational data. As between you and the Thomson Reuters (Healthcare) Inc. companies from which you license the products, you assume full responsibility for ensuring the appropriate use and reliance upon the information. This product is subject to restricted rights for U.S. government users. None of the content may be stored in a retrieval system, transmitted, distributed, or resold, nor may any portion of the content be reproduced in any form. Copyright 2002-2012 Thomson Reuters. All rights reserved.

Your applications:

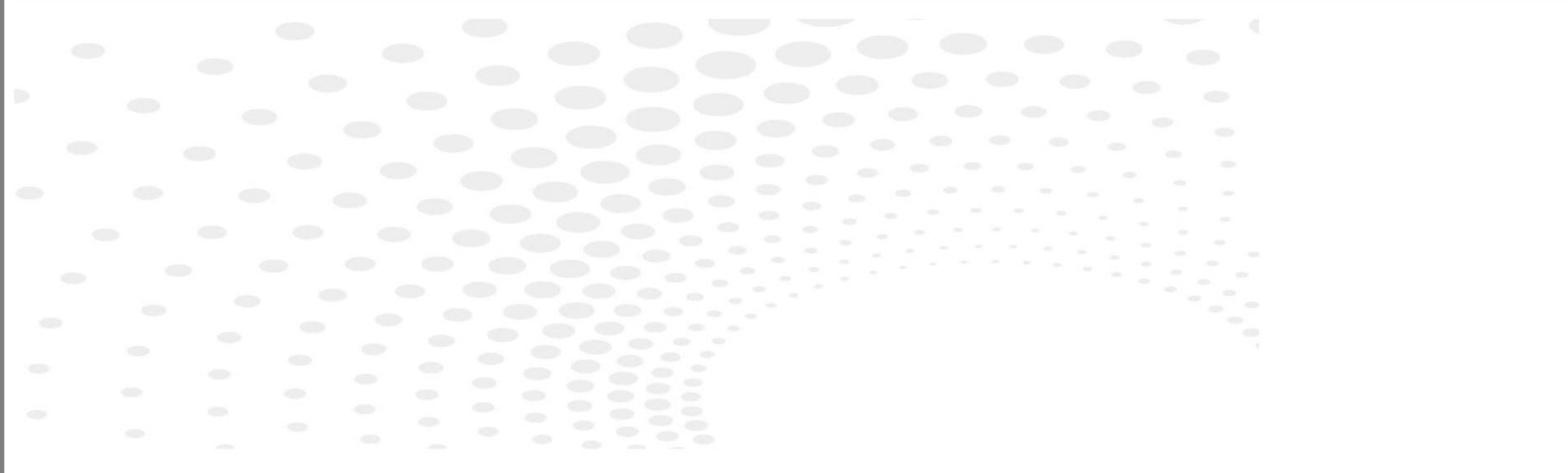
MICROMEDEX® 2.0

CareNotes® System

[Log in](#) as someone else.

[Example Searches](#)


[anibizumab Now Approved to Treat Diabetic Macular Edema](#) [CDC No Longer Recommends Cefixime to Treat Gonorrhea](#) [Vincristine Sulfate Liposome Approved for Treatment of Ph-Negative ALL](#) [ACCF/AHA 2012 Guideline Update For Managing UA/NSTEMI Patients](#) [Atlicercept Approved for Treatment of Metastatic Colorectal Cancer](#)



Enter one or more search

ment of Metastatic Colorectal Cancer

Drug Interactions

Type the drug name (brand or generic) in the search field. Select the drug and click the  (Add) button.

Enter search term:

Matching drug names: (500)

- A & D
- A & D Jr.
- A & D Ointment
- A Thru Zinc
- A To Z
- A&B Otic
- A+D
- A-200 Pyninate
- A-25 (Vitamin A)
- A-3 Revised
- A-4 Revised
- A-42 Revised
- A-C-D Modified Bracco

Drugs to check:

[Add Allergies >](#)

Capitalized item with asterisk (*) indicates allergy.

[Clear](#)

[Submit](#)

Enter one or more search terms

SEARCH

Example Searches

Ranibizumab N

Tox & Drug Product Lookup

Search for drug products (by brand name, generic, or branded generic), commercial/household products and chemicals (by product name or synonym), and other substances including plants and animals (by Latin or common name), and by s code), or a valid 7-digit Product ID.

I want to search for...

- Product or substance names
- Globally distributed drug products in Martindale

Enter search term:

Submit

I want to search by and receive suggestions for...

- Product or substance name
- Codes
- Product ID
- Active ingredients

Enter one or more search terms

SEARCH

[Example Searches](#)

RED BOOK Online® Search

Search for prescription or over the counter medications, nutraceuticals, bulk chemicals, medical devices or supplies by product name or manufacturer. Search for a specific active ingredient in the product or by a specific code (such as NDC, U

I want to search by...

- Product Name**
- Active Ingredient
- NDC/HRI/UPC
- Manufacturer Name

I want to filter by...

Status:

- Active**
- Deactivated
- All

Repackagers:

- Include Repackagers
- Exclude Repackagers**

Enter search term:

Submit

SEARCH

[Example Searches](#)

[Ranibizumab Now Approved to Treat Diabetic Macular Edema](#)

Calculators

View: [by category](#) | [by alphabetical list](#) ▾

ANTIDOTE DOSING AND NOMOGRAMS

- [Alcohols/Ethylene Glycol Blood Level](#)
- [Ethanol - IV Dosing for Methanol/Ethylene Glycol Overdose](#)
- [NAC Dosing for Acetaminophen Overdose](#)
- [Toxicity Nomograms](#)

LABORATORY VALUES

- [Anion Gap Calculator](#)
- [Creatinine Clearance Calculator](#)
- [Phenytoin Level Adjustment Calculator](#)

DOSING TOOLS

- [ACLS/PALS Guidelines](#)
- [Dobutamine Dosing Calculator](#)
- [Dopamine Dosing Calculator](#)
- [Epinephrine Dosing Calculator - Adult](#)
- [Epinephrine Dosing Calculator - Pediatric](#)
- [Heparin Dosing Calculator](#)
- [IV Rate Calculator](#)
- [Nitroglycerin Dosing Calculator](#)
- [Nitroprusside Dosing Calculator](#)
- [Norepinephrine Dosing Calculator - Adult](#)
- [Norepinephrine Dosing Calculator - Pediatric](#)

CLINICAL CALCULATORS

- [Alveolar-Arterial Oxygen Gradient](#)

MEASUREMENT CALCULATORS

- [Body Mass Index Calculator](#)
- [BSA and Lean/Ideal Body Weight Calculator](#)
- [Metric Conversions Calculator](#)
- [SIU Conversion Calculator](#)

Natural Standards

- An international research collaboration that systematically reviews scientific evidence on complementary and alternative medicine (CAM).
- Provide high quality, evidence-based information about complementary and alternative therapies.
- Includes contributors from more than 100 academic institutions.
- For each therapy covered by Natural Standard, a research team systematically gathers scientific data and expert opinions, and validated rating scales are used to evaluate the quality of available evidence.

<http://naturalstandard.com.proxy.lib.umich.edu/>



Testimonials

"Thank you for a great interview; and thanks so much for access to the Natural Standard website. I'm in research heaven!"

Angela Hynes
Author, Freelance Writer & Editor
specializing in health and fitness

Natural Standard was founded by healthcare providers and researchers to provide high-quality, evidence-based information about complementary and alternative medicine including dietary supplements and integrative therapies. Grades reflect the level of available scientific data for or against the use of each therapy for a specific medical condition.

[More >](#)

Grading System

- A** Strong Positive Scientific Evidence
- B** Positive Scientific Evidence
- C** Unclear Scientific Evidence
- D** Negative Scientific Evidence
- F** Strong Negative Scientific Evidence

Media Center

- [News/Alerts](#)
- [eNewsletter](#)
- [RSS Feeds](#)
- [Webinars](#)
- [Audio/Podcasts](#)
- [Blog](#)
- [Social Media](#)
- [ShareThis](#)

Natural Standard provides Decision-support Tools for:

Providers

- Check Interactions & Depletions
- Counsel Patients
- Reconcile LMR

Insurers

- Establish Guidelines
- Maintain Formulary
- Educate Members
- Encourage Prevention

Manufacturers

- Substantiate Claims
- Research & Development
- Regulatory Affairs
- White Papers

Retailers

- Promote Quality Products
- Generate Loyalty
- Increase ROI

Consumers

- Expert Press Interviews
- Make Safe & Effective Healthcare Decisions
- Trust Provider Recommendations

Clinical Guidelines

National Guidelines Clearing House

- Free evidence-based clinical guidelines

 - [*http://www.guideline.gov/*](http://www.guideline.gov/)

- Free evidence-based clinical guidelines

- Compiled from several universities, professional societies & government agencies

- Guideline comparisons & syntheses



Home

Guidelines

Expert Commentaries

Guideline Syntheses

Guideline Resources

Annotated
Bibliographies

Compare Guidelines

FAQ

Submit Guidelines

About

My NGC

NGC is a public resource for evidence-based clinical practice guidelines.

Search the site:

[Search Tips](#) [Advanced Search](#) [About Search](#)

New This Week

August 13, 2012

New/Updated Guideline Summaries

- AACAP, AAWC, ASBMT, ASCO, EFNS, NICE, NSGC
- [View All](#)

Announcements

"My NGC" Personalization Feature Launched!

You can now personalize NGC to accommodate your specific interests and receive alerts on new and updated content that is important to you.

- **My Recently Viewed Guideline Summaries & My Recent Searches:** See your recently viewed guideline summaries and searches directly on your own home page
- **My Favorite Guideline Summaries and Organizations:** Save guideline summaries and organizations for convenient access to your favorite content
- **Customizable E-mail Alerts:** Sign-up to receive e-mail alerts on your favorite guideline summaries and organizations and topics of interest

For further information, see the [FAQ](#) page.

[More...](#)

Sign In to My NGC

Save your favorite guideline summaries and organizations, and create custom e-mail alerts.

E-mail:

Password:

Remember Me

[Forgot your password?](#)

New User? [Create a free account](#)

Find

- [Topic](#)
- [Organizations](#)
- [Guideline Index](#)

Learn

- [AHRQ Evidence Reports](#)
- [Hospital-Acquired Conditions](#)
- [Mobile Resources](#)
- [Annotated Bibliographies](#)

Compare

- [Guideline Syntheses](#)
- [Compare Guidelines](#)

Patient Education

MedlinePlus

- From the National Institutes of Health (NIH) & the National Library of Medicine (NLM)
- Intended for consumers

*<http://www.nlm.nih.gov/medlineplus/> OR *medlineplus**



Going to college?

Learn what you need to do to stay healthy and safe.



→ Health Topics

→ Drugs & Supplements

→ Videos & Cool Tools



MEDICAL DICTIONARY

[GO](#)

POPULAR SEARCHES

amlodipine aspirin
cellulitis diabetes
dyspnoea gabapentin
gout
hypertension
lisinopril prednisone
pyrexia shingles tramadol
vitamin d

[Share this widget](#)

[See more](#)

FEATURED SITE



[West Nile virus is in the news](#)

About Your Health

[General](#) [Seniors](#) [Men](#) [Women](#) [Children](#)

[Back Pain](#)
[COPD \(Chronic Obstructive Pulmonary Disease\)](#)
[Depression](#)
[Diabetes](#)
[Exercise and Physical Fitness](#)
[Heart Diseases](#)
[High Blood Pressure](#)
[Pregnancy](#)
[Skin Conditions](#)
[Weight Control](#)

[NIH SeniorHealth](#) [Clinical Trials](#)

Visit [NIH SeniorHealth.gov](#)
- Easy-to-Use Health and
Wellness Information for
Older Adults →



Health News

[Daily Aspirin May Cut Cancer Deaths,
Another Study Finds](#)

[Migraines Not Linked to Decline in
Thinking Skills](#)

[Mold Exposure in Infancy May Raise
Asthma Risk](#)

[more health news](#)



Stay Connected

Get the latest information on the health topics that matter to you most. Sign up for MedlinePlus email updates:

[GO](#)

[MAGAZINE](#)

[EASY TO READ](#)

[MULTIPLE LANGUAGES](#)

Searching the Literature

- Medline via PubMed
- Embase
- ISI Web of Knowledge
- Scopus

PubMed is a service of the US National Library of Medicine[®] that:

- Provides free access to MEDLINE[®], the NLM[®] database of indexed citations and abstracts to medical, nursing, dental, veterinary, health care, and preclinical sciences journal articles
- Includes additional selected life sciences journals not in MEDLINE
- Adds new citations Tuesday through Saturday
- Was developed by the National Center for Biotechnology Information (NCBI) at the National Library of Medicine (NLM) as part of the Entrez retrieval system

NCBI Resources How To My NCBI Sign In

PubMed.gov
US National Library of Medicine
National Institutes of Health

PubMed mother infant bonding- Search

RSS Save search Advanced Help

Show additional filters Display Settings: Summary, 20 per page, Sorted by Recently Added Send to:

Clear all Filters: Manage Filters

Results: 1 to 20 of 334 Selected: 1 << First < Prev Page 1 of 17 Next > Last >>

Find related data
Database: Select Find items

Text availability
Abstract available
Free full text available
Full text available

Publication dates
clear
5 years
10 years
Custom range...

Species
clear
Humans
Other Animals

Article types
Clinical Trial
Meta-Analysis
Randomized Controlled Trial
Review
Systematic Reviews
more ...

Languages
clear
English
more ...

Filters activated: published in the last 5 years, Humans, English Clear all

1. [A journey filled with emotions--mothers' experiences of breastfeeding their preterm infant in a Swedish neonatal ward.](#)
Björk M, Thelin A, Peterson I, Hammarlund K.
Breastfeed Rev. 2012 Mar;20(1):25-31.
PMID: 22724310 [PubMed - indexed for MEDLINE]
[Related citations](#)

2. [Linking early healthy attachment with long-term mental health.](#)
Hammonds M.
Nurs N Z. 2012 Mar;18(2):12-4. No abstract available.
PMID: 22675873 [PubMed - indexed for MEDLINE]
[Related citations](#)

3. [Early skin-to-skin contact for mothers and their healthy newborn infants.](#)
Moore ER, Anderson GC, Bergman N, Dowswell T.
Cochrane Database Syst Rev. 2012 May 16;5:CD003519. Review.
PMID: 22592691 [PubMed - indexed for MEDLINE]
[Related citations](#)

4. [Nurse-led education mitigates maternal stress and enhances knowledge in the NICU.](#)
Morey JA, Gregory K.
MCN Am J Matern Child Nurs. 2012 May-Jun;37(3):182-91.
PMID: 22549422 [PubMed - indexed for MEDLINE]
[Related citations](#)

Search details
(("mothers" [MeSH Terms] OR "mothers" [All Fields] OR "mother" [All Fields]) AND ("infant" [MeSH Terms] OR "infant" [All Fields]) AND ("object attachment" [MeSH
Search See more...

Recent activity
Turn On Clear
Activity recording is turned off.
[Turn recording back on](#)

[Display Settings:](#) Abstract[Send to:](#) Full Text
OnlineWILEY
ONLINE LIBRARY

MGet It

Cochrane Database Syst Rev. 2012 May 16;5:CD003519.

Early skin-to-skin contact for mothers and their healthy newborn infants.

Moore ER, Anderson GC, Bergman N, Dowswell T.

School of Nursing, Vanderbilt University, Nashville, Tennessee, USA. elizabeth.moore@vanderbilt.edu.

Abstract

BACKGROUND: Mother-infant separation postbirth is common in Western culture. Early skin-to-skin contact (SSC) begins ideally at birth and involves placing the naked baby, head covered with a dry cap and a warm blanket across the back, prone on the mother's bare chest. According to mammalian neuroscience, the intimate contact inherent in this place (habitat) evokes neurobehaviors ensuring fulfillment of basic biological needs. This time may represent a psychophysiological 'sensitive period' for programming future physiology and behavior.

OBJECTIVES: To assess the effects of early SSC on breastfeeding, physiological adaptation, and behavior in healthy mother-newborn dyads.

SEARCH METHODS: We searched the Cochrane Pregnancy and Childbirth Group's Trials Register (30 November 2011), made personal contact with trialists, and consulted the bibliography on kangaroo mother care (KMC) maintained by Dr. Susan Ludington.

SELECTION CRITERIA: Randomized controlled trials comparing early SSC with usual hospital care.

DATA COLLECTION AND ANALYSIS: We independently assessed trial quality and extracted data. Study authors were contacted for additional information.

MAIN RESULTS: Thirty-four randomized controlled trials were included involving 2177 participants (mother-infant dyads). Data from more than two trials were available for only eight outcome measures. For primary outcomes, we found a statistically significant positive effect of early SSC on breastfeeding at one to four months postbirth (13 trials; 702 participants) (risk ratio (RR) 1.27, 95% confidence interval (CI) 1.06 to 1.53, and SSC increased breastfeeding duration (seven trials; 324 participants) (mean difference (MD) 42.55 days, 95% CI -1.69 to 86.79) but the results did not quite reach statistical significance ($P = 0.06$). Late preterm infants had better cardio-respiratory stability with early SSC (one trial; 31 participants) (MD 2.88, 95% CI 0.53 to 5.23). Blood glucose 75 to 90 minutes following the birth was significantly higher in SSC infants (two trials, 94 infants) (MD 10.56 mg/dL, 95% CI 8.40 to 12.72). The overall methodological quality of trials was mixed, and there was high heterogeneity for some outcomes.

AUTHORS' CONCLUSIONS: Limitations included methodological quality, variations in intervention implementation, and outcomes. The intervention appears to benefit breastfeeding outcomes, and cardio-respiratory stability and decrease infant crying, and has no apparent short- or long-term negative effects. Further investigation is recommended. To facilitate meta-analysis, future research should be done using outcome measures consistent with those in the studies included here. Published reports should clearly indicate if the intervention was SSC with time of initiation and duration and include means, standard deviations and exact probability values.

Update of

Cochrane Database Syst Rev. 2007;(3):CD003519.

PMID: 22592691 [PubMed - indexed for MEDLINE]

[+ Publication Types, MeSH Terms](#)[+ LinkOut - more resources](#)

Save items

 Add to Favorites

Related citations in PubMed

[Review](#) Early skin-to-skin contact for mothers and their he [Cochrane Database Syst Rev. 2007][Review](#) Early skin-to-skin contact for mothers and their he [Cochrane Database Syst Rev. 2003][Review](#) Kangaroo mother care to reduce morbidity ar [Cochrane Database Syst Rev. 2000][Review](#) Antiretroviral therapy (ART) for treating HIV infectior [Cochrane Database Syst Rev. 2010][Review](#) Early additional food and fluids for healthy brea [Cochrane Database Syst Rev. 2011][See reviews...](#)[See all...](#)

Recent activity

[Turn On](#) [Clear](#)

Activity recording is turned off.

[Turn recording back on](#)

Cochrane Database of Systematic Reviews

Issue: Volume (5), 2012, [no page #]

Copyright: The Cochrane Library, Copyright 2012, The Cochrane Collaboration

Publication Type: [Reviews]

Accession: 00075320-100000000-02498

Keywords: Cochrane Pregnancy and Childbirth Group, Care after childbirth, Basic care of mother and baby, Female, Humans, Infant, Breast Feeding, Mother-Child Relations, Object Attachment, Infant, Newborn, Mothers, Randomized Controlled Trials as Topic, Skin, Touch, physiology

[Reviews]

◀ [Previous Article](#) | [Group Table of Contents](#) | [Next Article](#) ▶

Early skin-to-skin contact for mothers and their healthy newborn infants

Moore, Elizabeth R¹; Anderson, Gene C²; Bergman, Nils³; Dowswell, Therese⁴

▼ Author Information

¹Vanderbilt University

School of Nursing

314 Godchaux Hall 21st Avenue South Nashville Tennessee USA 37240-0008

²Professor Emerita, University of Florida

Case Western Reserve University

Oak Hammock at the University of Florida 5000 SW 25th Boulevard #2108 Gainesville FL USA 32608-8901

³University of Cape Town

School of Child and Adolescent Health, and Department of Human Biology

Cape Town South Africa

⁴The University of Liverpool

Cochrane Pregnancy and Childbirth Group, Department of Women's and Children's Health

First Floor, Liverpool Women's NHS Foundation Trust Crown Street Liverpool UK L8 7SS

Cochrane Pregnancy and Childbirth Group

Elizabeth R Moore elizabeth.moore@vanderbilt.edu

▼ Abstract

Background: Mother-infant separation postbirth is common in Western culture. Early skin-to-skin contact (SSC) begins ideally at birth and involves placing

Article Tools

 [Article as PDF \(1067KB\)](#)

 [Complete Reference](#)

 [Abstract Reference](#)

 [Print Preview](#)

 [Email Jumpstart](#)

 [Email Article Text](#)

 [Save Article Text](#)

 [Export All Images to PowerPoint](#)

 [Find Citing Articles](#)

 [Find Similar](#)

[Comments & Criticism](#) »

[About this Group](#) »

Outline

- [Abstract](#)
- [Version first published online](#)
- [Re-published online with edits](#)
- [Issue first published](#)
- [Issue protocol first published](#)
- [Early skin-to-skin contact for mothers and their healthy newborn](#)



PubMed

PubMed comprises more than 21 million citations for biomedical literature from MEDLINE, life science journals, and online books. Citations may include links to full-text content from PubMed Central and publisher web sites.


Using PubMed

[PubMed Quick Start Guide](#)

[Full Text Articles](#)

[PubMed FAQs](#)

[PubMed Tutorials](#)

[New and Noteworthy](#) 

PubMed Tools

[PubMed Mobile](#)

[Single Citation Matcher](#)

[Batch Citation Matcher](#)

[Clinical Queries](#)

[Topic-Specific Queries](#)

More Resources

[MeSH Database](#)

[Journals in NCBI Databases](#)

[Clinical Trials](#)

[E-Utilities](#)

[LinkOut](#)



My NCBI allows you to create automatic email alerts, save your searches and records, filter results by subject, and *much more*.



PDA login users: The PDA (Primary Data Archives) authentication system has merged with My NCBI. Please login via My NCBI using your existing PDA username and password.

Sign in directly to your My NCBI account:

Register or sign in through one of the partner organization login routes:

My NCBI Sign In

Username:

Password:

Keep me signed in unless I sign out
(Leave unchecked on public computers)

Remember my username

[Register for an account](#)

[I forgot my username](#)

[I forgot my password](#)

[About automatic sign in](#)

Sign in via Partner Organization

[Google](#)

[NIH & eRA Commons](#)

[UKPMC Funders Group grantees](#)

Or choose from:

- Brown University
- Case Western Reserve University
- Colorado State University
- Columbia University

[See expanded list »](#)

My NCBI

- Save searches and results from multiple NCBI databases
- Features an option to automatically update and e-mail search results from your saved searches
- Users can save their citations (journal articles, books, meetings, patents and presentations) in My Bibliography
- My Bibliography allows for management of peer reviewed article compliance with the NIH Public Access Policy

Embase

- Biomedical & pharmacology citation database
- More focus on drug literature than MEDLINE
- Broader international coverage



Advanced Search

e.g. 'cancer gene therapy/exp OR ((treatment OR therapy) NEAR/5 fluorouracil):ab - alternatively see our [field limits](#) ☐

Search

- Map to preferred terminology (with spell check)
- Also search as free text
- Include sub-terms/derivatives (explosion search)
- Search terms must be of major focus in articles found
- Search also for synonyms, explosion on preferred terminology

Search Publications from:

2008 to 2012 or All Years

Uncheck Medline

Records from:

- Embase
- Embase Classic
- MEDLINE

Quick Limits:

- Humans
- With abstract
- Priority journals
- Only in English
- Article in Press
- Animals
- In Process
- With molecular sequence number
- With clinical trial number
- Records added from to

(dd/mm/yyyy)

(dd/mm/yyyy)

Advanced Limits:

[expand all](#) [collapse all](#)

Evidence Based Medicine:

Limits selected: none

Publication Types:

Limits selected: none

Areas of Focus:

Limits selected: none

Article Languages:

Limits selected: none

Gender:

Limits selected: none

Citation Tracking

- What is it?
 - Finding relevant articles by looking at cited & citing articles.
- Why?
 - Working on a specialized topic?
 - Identify key researchers in a new area?
 - See how/where topic developed over time?
 - Helps gather articles not necessarily found in large databases.

ISI Web of Knowledge

- Sciences, social sciences, arts & humanities citation databases
- 46 million+ records from over 11,000 journals
- Cited reference searching & citation analysis
- Conference proceedings
- “Author Finder” feature under Web of Science

All Databases

Search

in [Topic](#)

Example: oil spill* mediterranean

in [Author](#)

Example: O'Brian C* OR OBrian C*

in [Publication Name](#)

Example: Cancer* OR Journal of Cancer Research and Clinical Oncology

[Add Another Field >>](#)

Searches must be in English

Current Limits: (To save these permanently, [sign in](#) or [register](#).)

Timespan

All Years

From to (default is all years)

Adjust your search settings

Adjust your results settings

View in: [简体中文](#) | [English](#) | [日本語](#)



Maintenance Alert

We understand that you may have questions about differences you may be noting between the new Web of Knowledge and the previous version. Please take a look at our [Frequently Asked Questions](#) page for more information.

Support, Tools, Tips

Training & Support

- Download quick Recorded Training
- Access additional Training Resources
- More questions? Consult the [Help files](#).



What's new in Web of Knowledge?

- ResearcherID is now searchable from within *Web of Science*SM.
- Automatic spelling variations and all new Author Finder in *Web of Science*SM.
- [More of What's New](#)

[\[Access the previous version of Web of Knowledge\]](#)

Customize Your Experience

Sign In | Register

- Save and manage your references online with *EndNote Web* – freely available and fully integrated.
- Save and run searches
- Choose your start page
- [Want to know more?](#)

[All Databases](#)[Select a Database](#)[Web of Science](#)[Additional Resources](#)

University of Michigan

**Web of ScienceSM** (1899-present)

Access the world's leading scholarly literature in the sciences, social sciences, arts, and humanities and examine proceedings of international conferences, symposia, seminars, colloquia, workshops, and conventions.

[\[more \]](#)**Current Contents Connect[®]** (1998-present)

Complete tables of contents and bibliographic information from the world's leading scholarly journals and books; also includes relevant, evaluated Web sites and documents.

[\[more \]](#)**BIOSIS Previews[®]** (1926-present)

Life sciences and biomedical research covering pre-clinical and experimental research, methods and instrumentation, animal studies, and more.

[\[more \]](#)**MEDLINE[®]** (1950-present)

The U.S. National Library of Medicine[®] (NLM[®]) premier life sciences database.

[\[more \]](#)**Journal Citation Reports[®]**

Journal performance metrics offer a systematic, objective means to critically evaluate the world's leading journals

[\[more \]](#)**Support, Tools, Tips****Training & Support**

- [Download quick Recorded Training](#)
- [Access additional Training Resources](#)

Find us on
Facebook[Like](#)**Target your search**

Each database within *Web of Knowledge* has unique content and capabilities, including specialized search fields and controlled vocabularies.

Other Tools**Scientific WebPlus**

Find scientifically relevant Web content fast!

All Databases

Select a Database

Web of Science

Additional Resources

[Search](#)

[Author Finder](#)

[Cited Reference Search](#)

[Advanced Search](#)

[Search History](#)

Web of ScienceSM

Search

Example: oil spill* mediterranean

in

AND

Example: O'Brian C* OR OBrian C*

Need help finding papers by an author? Use [Author Finder](#).

in



AND

Example: Cancer* OR Journal of Cancer Research and Clinical Oncology

in



[Add Another Field >>](#)

Searches must be in English

Current Limits: (To save these permanently, [sign in](#) or [register](#).)

Timespan

(updated 2011-08-31)

From to (default is all years)

Citation Databases : Science Citation Index Expanded (SCI-EXPANDED); Social Sciences Citation Index (SSCI); Arts & Humanities Citation Index (A&HCI); Conference Proceedings Citation Index- Science (CPCI-S); Conference Proceedings Citation Index- Social Science & Humanities (CPCI-SSH)

Adjust your search settings

Adjust your results settings

Web of ScienceSM

<< Back to results list

Record 1 of 1

Record from Web of ScienceSM

Full Text | MGet It | NCBI
Mirlyn Go

+ (0) | Save to: EndNote Web | EndNote | RefWorks | ResearcherID
more options

Correction of deafness in shaker-2 mice by an unconventional myosin in a BAC transgene

Author(s): Probst, FJ (Probst, FJ); Fridell, RA (Fridell, RA); Raphael, Y (Raphael, Y); Saunders, TL (Saunders, TL); Wang, AH (Wang, AH); Liang, Y (Liang, Y); Morell, RJ (Morell, RJ); Touchman, JW (Touchman, JW); Lyons, RH (Lyons, RH); Noben-Trauth, K (Noben-Trauth, K); Friedman, TB (Friedman, TB); Camper, SA (Camper, SA)

Source: SCIENCE Volume: 280 Issue: 5368 Pages: 1444-1447 DOI: 10.1126/science.280.5368.1444 Published: MAY 29 1998

Times Cited: 229 (from Web of Science)

Cited References: 30 [view related records] Citation Map

Abstract: The shaker-2 mouse mutation, the homolog of human DFNB3, causes deafness and circling behavior. A bacterial artificial chromosome (BAC) transgene from the shaker-2 critical region corrected the vestibular defects, deafness, and inner ear morphology of shaker-2 mice. An unconventional myosin gene, Myo15, was discovered by DNA sequencing of this BAC. Shaker-2 mice were found to have an amino acid substitution at a highly conserved position within the motor domain of this myosin. Auditory hair cells of shaker-2 mice have very short stereocilia and a long actin-containing protrusion extending from their basal end. This histopathology suggests that Myo15 is necessary for actin organization in the hair cells of the cochlea.

Document Type: Article

Language: English

KeyWords Plus: HAIR-CELLS; MOUSE; GENE; ALIGNMENT; ACTIN

Reprint Address: Camper, SA (reprint author), Univ Michigan, Dept Human Genet, 4701 MSRB 111,1500 W Med Ctr Dr, Ann Arbor, MI 48109 USA

Addresses:
1. NIDOC. NIH. Rockville. MD 20850 USA

Times Cited: 239

This article has been cited 239 times in Web of Knowledge.

Held, Nadine. *A Mutation in Myo15 Leads to Usher-Like Symptoms in LEW/Ztm-ci2 Rats.* PLOS ONE, MAR 29 2011.

Wu, Lin. *Structure of MyTH4-FERM Domains in Myosin VIIa Tail Bound to Cargo.* SCIENCE, FEB 11 2011.

Manor, Uri. *Regulation of Stereocilia Length by Myosin XVa and Whirlin Depends on the Actin-Regulatory Protein Eps8.* CURRENT BIOLOGY, JAN 25 2011.

[view all 239 citing articles]

Create Citation Alert

Related Records:

Find similar Web of Knowledge records based on shared references.

Scopus

- Science, medicine, engineering, social science, and arts & humanities databases
- 40 million records from nearly 18,000 journals
- Cited reference searching & citation analysis



Document search

Author search | Affiliation search | Advanced search

[Search tips](#)

Search for: in **Article Title, Abstract, Keywords** ?

E.g., "heart attack" AND stress

[Add search field](#) | **Search**

Limit to:

Date Range (inclusive)

Published All years to Present

Added to Scopus in the last 7 days

Document Type

All

Subject Areas **i**

Life Sciences (> 4,300 titles)

Physical Sciences (> 7,200 titles)

Health Sciences (> 6,800 titles. 100% Medline coverage)

Social Sciences & Humanities (> 5,300 titles)

Search

Search history

[Hide](#)

Search	Results	Set feed	Set alert	Save	Edit	Delete
--------	---------	----------	-----------	------	------	--------

You have not performed any searches in this session.

Note: This Search history will contain the latest 50 searches you perform in this session.



Citation Management

- Create your own reference library
 - Import citations from online databases
 - Integrates with your word processor program to format in-text citations and create reference lists
- EndNote
 - Desktop program with EndNote Web capabilities
- RefWorks
 - Web-based bibliographic management

Mobile Devices

- Mobile devices research guide:
<http://guides.lib.umich.edu/healthmobile>
- PDA, iPhone, Blackberry, Android, etc.
- Clinical reference tools, literature searching, mobile books and more!

Health Sciences Mobile Devices Resources

Tags: [health_sciences](#), [technology_guide](#), [thl](#)

A guide to resources for mobile devices in health sciences.

Last Updated: Aug 13, 2012 | URL: <http://guides.lib.umich.edu/healthmobile> | [Print Guide](#) | [RSS Updates](#) | [SHARE](#) [f](#) [t](#) [e](#) ...






- Overview
- Quick List
- Resources by Subject
- iPhone/iPad/iPod Touch
- Android
- BlackBerry
- Palm
- Windows Mobile
- Dentistry
- Reviews & More!

Overview [Comments\(0\)](#) [Print Page](#) Search: This Guide

Overview


This guide provides a list of mobile-friendly resources offered through Taubman Health Sciences Library, as well as information on how to access and install them. **Please note: subscription resources often require that you first register yourself and/or your device.**

Resources are divided by [subject](#) and by type of device.

- iPhone/iPod Touch 
- Android 
- BlackBerry 
- Palm 
- Windows Mobile 

[Comments \(0\)](#)

Summary

 [Health Sciences Mobile Resources](#)

[Comments \(0\)](#)

Purchasing a Mobile Device

For more information on using and buying mobile devices:

- Medical School affiliates: [How to buy a Handheld Device for Medical School](#)
- Campus-wide: [Using Your Device](#)
- UM developed apps catalog: [Apps catalog, UM Mobile Center](#)

[Comments \(0\)](#)

Accessing and Installing DynaMed

-  [For an iPhone, iPad, or iPod touch](#)
-  [For an Android Device](#)
-  [For a BlackBerry Device](#)
-  [For a Windows System](#)
-  [For a Mac System](#)

[Comments \(0\)](#)

Configuring Outlook on Your Mobile Device

- [Configuring Outlook on Your Mobile Device](#)
How to use & configure University of Michigan Health System (UMHS) Outlook email for medical students.

[Comments \(0\)](#)

Contact Information



Taubman Health Sciences Library

Contact Info
1135 E. Catherine, 5726
Ann Arbor, MI 48109-2038
734.763.3071
[Send Email](#)

Links:
[Website / Blog](#)
[Profile & Guides](#)

Subjects:
[Health Sciences](#)

Questions?

Merle Rosenzweig

oriley@umich.edu