

ClinicalKey 2.0

User Guide

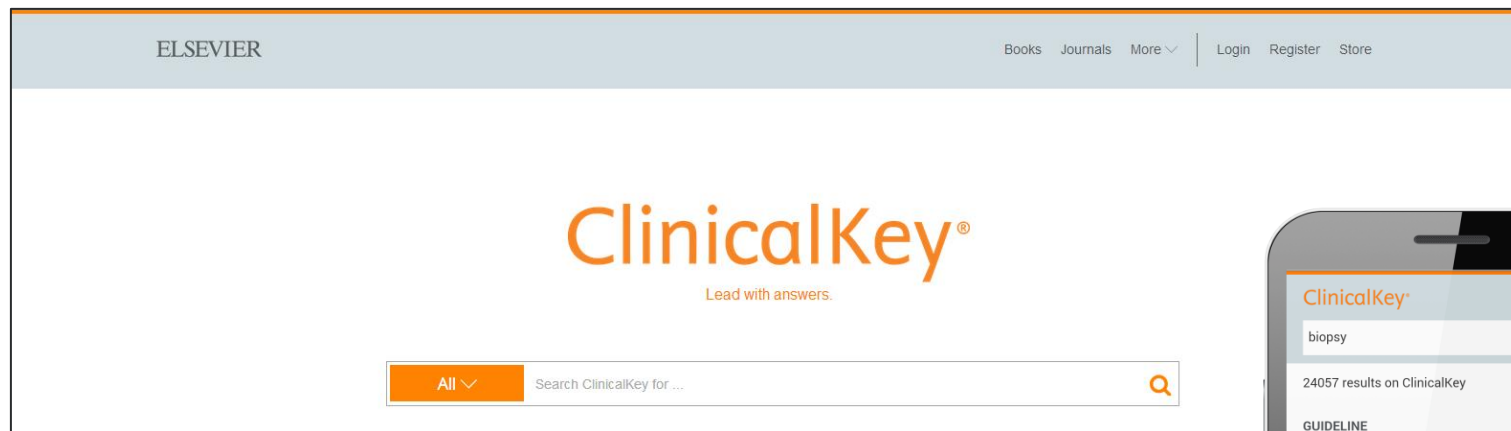
Presented by: Elsevier Korea Health Solution
Update date: April, 2015

Agenda

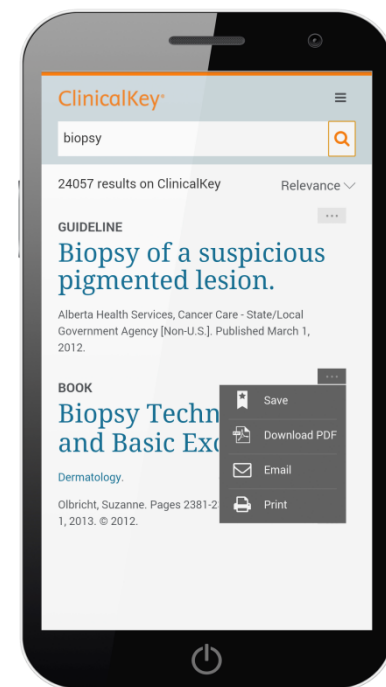
- Solution Overview
- Register / Login
- Page Overview
- Content Overview
- Personal Features
- Rights Link®



Solution Overview



- **Fast:** Smart Search
- **Complete:** Continuously updated content
- **Convenient:** Mobile optimized
- **Trusted:** Authoritative content backed by Elsevier



Solution Overview



Includes the latest books, journals, images and video



Covers virtually every medical and surgical specialty



Content is continuously updated and always current

Solution Overview

1

**Empowering
consistently safe,
cost-efficient care**



2

**Getting more time to
spend with patients**



3

**Developing
top talent**



4

**Reducing
procurement cost**



Solution Overview

✓ 1,000+ reference books	✓ 850+ First Consult monographs
✓ 600+ medical journals	✓ 2,900+ drug monographs
✓ 17,000+ medical / surgical videos	✓ 4,500+ practice guidelines
✓ 300+ Procedures Consult videos	✓ 15,000+ patient education handouts
✓ Over 2.2 million images	✓ ClinicalTrials.gov database
✓ 1,400+ Topic Pages	✓ Fully indexed MEDLINE

Register / Login

ClinicalKey® Books Journals More ▾ Login Register

All ▾ Search ClinicalKey for ... 🔍

Register

Registration is quick and free. It allows you to personalize these [Elsevier Products](#) if you have access. For example you can stay up-to-date with Search Alerts and Document Citation Alerts or keep track of your research with Saved Searches.

[Privacy policy](#)

Your details

First name: *

Family name: *

E-mail and password

Enter a password between 5 and 200 characters. Your e-mail address will be your username

E-mail address: *

Password: *

Your role: ▾

Please select at least one subject area of interest

- **Personal Features**

- e-Book PDF download
- Saved Content
- Search History
- Presentation maker

Page Overview - Main Page

- Filter by contents type, Auto Suggest Search

The screenshot displays the ClinicalKey main page. The top navigation bar includes the Elsevier logo, links for Books, Journals, and More, and a user profile for Soon Ryu. The main heading reads "ClinicalKey® Lead with answers." Below this is a search bar with the text "Search ClinicalKey for ...". A red box highlights the left-hand navigation menu, which lists various content types: All, Journals, Books, Clinical Trials, Drug Monographs, Guidelines, Patient Education, First Consult, MEDLINE, Multimedia, and Procedures Consult. Another red box highlights the auto-suggest search results for the input "addi". The results are organized into four columns: Suggestions, Related, Books and Journals, and Authors. The "Suggestions" column lists terms like Alcoholism, Addictions, Opioid Dependence, Drug Dependence, Drug addiction therapy - methadone, Addison's Disease, Pernicious Anemia, Toxic effect of tobacco, fluoride addition, and Adrenoleukodystrophy. The "Related" column lists related concepts such as Detoxification procedure, History and physical examination, Hepatic Function Panel, Cognitive Therapy, Blood alcohol level measurement, group psychotherapy, Vitamin supplementation, Serum Albumin Measurement, and Alcohol rehabilitation. The "Books and Journals" column lists titles like Addictive Behaviors, Evidence-Based Addiction Treatment, and Topamax. The "Authors" column lists authors such as Addi, A, Addib, O, Addick, K, Addicks, Benjamin, Addicks, C L, Addicks, E, Addicks, E A, Addicks, Elisabeth, Addicks, E M, and Addicks, G C.

ELSEVIER Books Journals More ▾ Soon Ryu ▾

ClinicalKey®
Lead with answers.

Search ClinicalKey for ...

All ▾
All
Journals
Books
Clinical Trials
Drug Monographs
Guidelines
Patient Education
First Consult
MEDLINE
Multimedia
Procedures Consult

All ▾ addi

Suggestions	Related	Books and Journals	Authors
Alcoholism	Detoxification procedure	Addictive Behaviors	Addi, A
Addictions	History and physical examination	Evidence-Based Addiction Treatment	Addib, O
Opioid Dependence	Hepatic Function Panel		Addick, K
Drug Dependence	Cognitive Therapy		Addicks, Benjamin
Drug addiction therapy - methadone	Blood alcohol level measurement		Addicks, C L
Addison's Disease	group psychotherapy		Addicks, E
Pernicious Anemia	Vitamin supplementation		Addicks, E A
Toxic effect of tobacco	Serum Albumin Measurement		Addicks, Elisabeth
fluoride addition	Alcohol rehabilitation		Addicks, E M
Adrenoleukodystrophy	Topamax		Addicks, G C

Page Overview - Topic Page

- +1,400 disease overview
- Specialty Views, Related Drugs/Patient education/Guidelines, Latest articles

The screenshot displays the ClinicalKey website interface for the topic of Atrial Fibrillation. The page is structured with a top navigation bar, a search bar, and a main content area. The search bar contains the text "atrial fibrillation". The main content area is divided into sections: "DISEASE OVERVIEW", "Atrial Fibrillation" (with a "PHYSICIAN" tag), and a sidebar on the left. The sidebar contains a table of contents with links to "Definition", "Etiology", "Diagnosis", "Differential Diagnosis", "Imaging Studies", "Treatment", "Prognosis", and "View chapter". The main content area includes a "Definition" section, a "More Results" button, and a "Specialty Views" section. The "Specialty Views" section lists "Clinical Care Medicine" and "Supraventricular Arrhythmias" (Textbook of Critical Care). The "Definition" section provides a detailed description of Atrial Fibrillation (AF) as a supraventricular tachyarrhythmia characterized by disorganized and rapid atrial activation and uncoordinated atrial contraction. The page also features a "Related Drugs" section with links to "Warfarin", "Amiodarone", and "Metoprolol". A "Related Guidelines" button is located at the bottom right. The page footer includes copyright information for 2014 by Mosby, an imprint of Elsevier Inc.

ClinicalKey®

Books Journals More ▾ Login Register

All ▾ atrial fibrillation × Q

DISEASE OVERVIEW

Atrial Fibrillation PHYSICIAN

Ferris's Clinical Advisor 2015 Conn's Current Therapy 2015 Goldman's Cecil Medicine First Consult More Results Q

Ferris, Fred, M.D., F.A.C.P. view book

Atrial Fibrillation

Definition Etiology Diagnosis Differential Diagnosis Imaging Studies Treatment Prognosis view chapter

Definition

Atrial fibrillation (AF) is a supraventricular tachyarrhythmia characterized by disorganized and rapid atrial activation and uncoordinated atrial contraction. The ventricular rate is dependent on the conduction properties of the atrioventricular node, which can be influenced by vagal/sympathetic tone, medications, or disease of the atrioventricular node.

Specialty Views

Clinical Care Medicine

- **Supraventricular Arrhythmias** Textbook of Critical Care

Related Drugs More

Warfarin

ClinicalKey®

Books Journals More ▾ Login Register

All ▾ atrial fibrillation × Q

Atrial Fibrillation Ferris's Clinical Advisor 2015 > Atrial Fibrillation Definition ▾

Definition

Multiple classification schemes have been used in the past to characterize AF. The current classification scheme (divided into three major types) used by the ACC/AHA guideline committee is as follows:

- In addition to the previous AF categories, which are mainly defined by episode timing and termination, the ACC/AHA/ESC guidelines describe additional AF categories in terms of other characteristics of the patient:

Related Guidelines

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Top of Page

Page Overview - Result Pages

- More result → Sort by Relevance/Date and Filter by source, study, specialties, date

The screenshot shows the ClinicalKey search results page for the query 'atrial fibrillation'. The page features a search bar at the top with the query and a magnifying glass icon. Below the search bar, there is a filter section with a red box highlighting the 'Filter By' dropdown menu, which includes options for Source Type, Study Type, Specialties, and Date. To the right of the filter section, there is a 'Sort by' dropdown menu, also highlighted with a red box, showing 'Relevance' as the selected option. The results section displays 23874 results and a 'Subscribed Content' checkbox. The first result is titled 'FIRST CONSULT Atrial fibrillation' by Ramin Davoudi, MD, published February 26, 2014. The second result is titled 'FULL TEXT ARTICLE Management of Patients With Atrial Fibrillation (Compilation of 2006 ACCF/AHA/ESC and 2011 ACCF/AHA/HRS Recommendations)' from JACC (Journal of the American College of Cardiology), published May 7, 2013. A 'Help & Feedback' button is located at the bottom right of the page.

ClinicalKey®

Books Journals More ▾ | Soon Ryu ▾

All ▾ atrial fibrillation 🔍

Filter By: Source Type ▾ Study Type ▾ Specialties ▾ Date ▾

23874 results

Sort by: Relevance ▾

☐ Subscribed Content

FIRST CONSULT ...

Atrial fibrillation

Ramin Davoudi, MD. Published February 26, 2014. Last updated July 30, 2012.

FULL TEXT ARTICLE ...

Management of Patients With Atrial Fibrillation (Compilation of 2006 ACCF/AHA/ESC and 2011 ACCF/AHA/HRS Recommendations) 📄

JACC (Journal of the American College of Cardiology).

Anderson, Jeffrey L., MD, FACC, FAHA; Halperin, Jonathan L., MD, FACC, FAHA; Albert, Nancy M., PhD, CCNS, CCRN... [Show all](#). American College of Cardiology Foundation and the American Heart Association, Inc.. Published May 7, 2013. Volume 61, Issue 18. Pages 1935-1944. © 2013.

Help & Feedback 💬

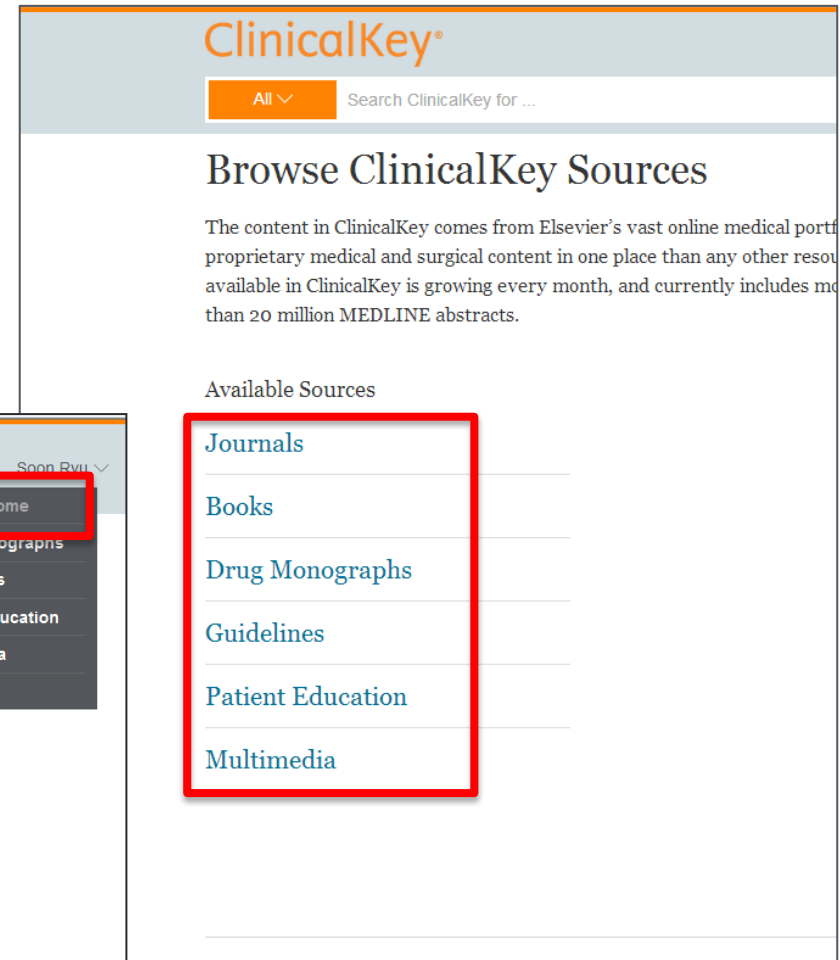
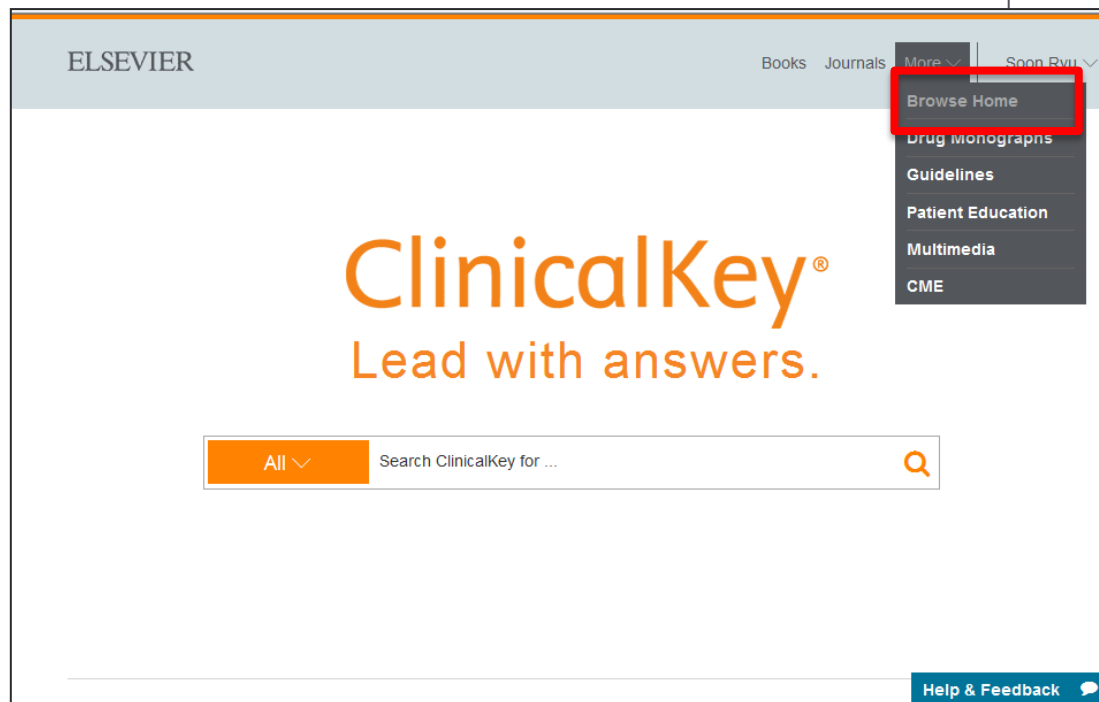
Page Overview - Contents Pages

- Search by This page, This Book, This article, This issue, This chapter / Outline
- Saved content, Print, Email

The image displays two screenshots of the ClinicalKey website interface for the 'Myocarditis' chapter. The top screenshot shows the main navigation menu on the left, which includes options like 'All', 'This Page', 'This Book', 'All', 'Books', 'Journals', 'Clinical Trials', 'Drug Monographs', 'Guidelines', 'Patient Education', 'First Consult', 'MEDLINE', 'Multimedia', and 'Procedures Consult'. The bottom screenshot shows the 'Outline' dropdown menu expanded, listing sections such as 'Overview and Definition', 'Epidemiology', 'Specific Etiologic Agents', 'Viruses', 'Bacteria', 'Protozoa', 'Helminths', 'Physical Agents including Adverse Drug Effects', and 'Additional Physical Agents'. Both screenshots show the chapter title 'Myocarditis' by Leslie T. Cooper and Kirk U. Knowlton, and the book title 'Braunwald's Heart Disease: A Textbook of Cardiovascular Medicine, 10th Edition'.

Page Overview - Browse Pages

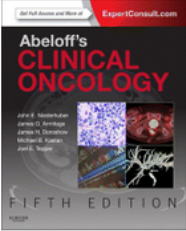
- Book, Journal
- More(Browse Home)
- Drug, Guidelines, Patient Education, Multimedia



Content Overview – Books & Journals

ClinicalKey®

All ▾ Search ClinicalKey for ... 🔍



Abeloff's Clinical Oncology, Fifth Edition

Niederhuber, John E., MD
Copyright © 2014 by Churchill Livingstone, an imprint of Elsevier Inc.

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All ▾ Search ClinicalKey for ... 🔍

Neurosurgery Clinics of North America

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Clinics Review Articles
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Quality Improvement in Neurosurgery
EDITORS: John D. Rabin, Douglas J. Mann, Andrew T. Pham
CONSULTING EDITORS: Russell L. Lissner, Brian Yung
APRIL 2015

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- Copyright
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- Preface
- Contributors
- 1. Molecular Tools in Cancer Research
- 2. Intracellular Signaling

ClinicalKey®

All ▾ Search ClinicalKey for ... 🔍

Go to: Outline ▾

- Key points
- Introduction
- Discussion
 - Hospital Inpatient Quality Reporting Program
 - Hospital Value-Based Purchasing Program
 - Readmission Reduction Program

FULL TEXT ARTICLE

The Relationship Between National Health Care Policies and Quality Improvement in Neurosurgery

Rachel Groman MPH [Get rights and content](#)

Neurosurgery Clinics of North America, 2015-04-01, Volume 26, Issue 2, Pages 167-175, Copyright © 2015 Elsevier Inc.

Although federal programs aimed at improving the overall value of health care are well intentioned, most remain fundamentally flawed in terms of their metrics, their methodologies, and the pace at which they are being implemented. Without a serious reevaluation of these strategies, these programs will, at best, have limited effectiveness, and, at worst, lead to critical deteriorations in patient quality, safety, and access to care.

ClinicalKey®

Journal Volumes:

- ▾ Volume 26 (2015)
 - Issue 2, April
 - Issue 1, January

Content Overview – Clinical Trials

- Purpose, Eligibility, Contacts and Locations, More Information (ClinicalTrials.gov)

ClinicalKey® Books Journals

Clinical Trials ▾ Neurosurgery

Go to: Outline ▾

Purpose
Eligibility
Contacts and Locations
More Information

CLINICAL TRIAL
High Resolution Imaging of Cerebral Vasculature by Functional Micro-Doppler Sonography During Brain Surgery
First received on January 28, 2014. Last updated on February 27, 2015.

Purpose
High Resolution Imaging of Cerebral Vasculature by Functional Micro-Doppler Sonography During Brain Surgery (ULYS)

Status	Recruiting
Condition	Partial Drug-resistant Epilepsy
Phase	N/A
Study Type	Interventional

Sponsors and Collaborators

More Information
Official Website of Optogenetics and Brain Imaging research group

Other Publications

First Received:	January 28, 2014
Last Updated:	February 27, 2015
ClinicalTrials.gov Identifier:	NCT02090569
Health Authority:	France: Ministry of Health

ClinicalTrials.gov processed this data on March 03, 2015 [Link to the current ClinicalTrials.gov record.](#)

Content Overview – Drug Monographs

- Indications, Dosage, Administration, Interactions, References

ClinicalKey®

Drugs ▾ midazolam

Go to: Outline ▾

- Indications & Dosage
- Administration
- Monitoring Parameters
- Contraindications
- Interactions
- Adverse Reactions
- Classifications
- References

DRUG MONOGRAPH
Midazolam

Versed

Drug Information Provided By Gold Standard

Description: Midazolam is a very short-acting benzodiazepine. It is used for conscious sedation, anxiolysis, and amnesia during minor surgical or diagnostic procedures, as an anesthesia induction agent, or as an adjunct to regional anesthesia. Midazolam has a slower induction time and more prolonged recovery time than does thiopental. The manufacturers label contains a black-box warning that describes the risk of respiratory arrest, the need for adequate personnel and equipment when administering midazolam, and the appropriate dose titration (see Contraindications). Midazolam was originally thought to be preferable to other benzodiazepines for conscious sedation because of its potency and its short duration of action, however, comparisons with diazepam, an agent with a much longer half-life, have not revealed a consistent advantage of midazolam in the surgical setting.²⁴¹⁴⁵

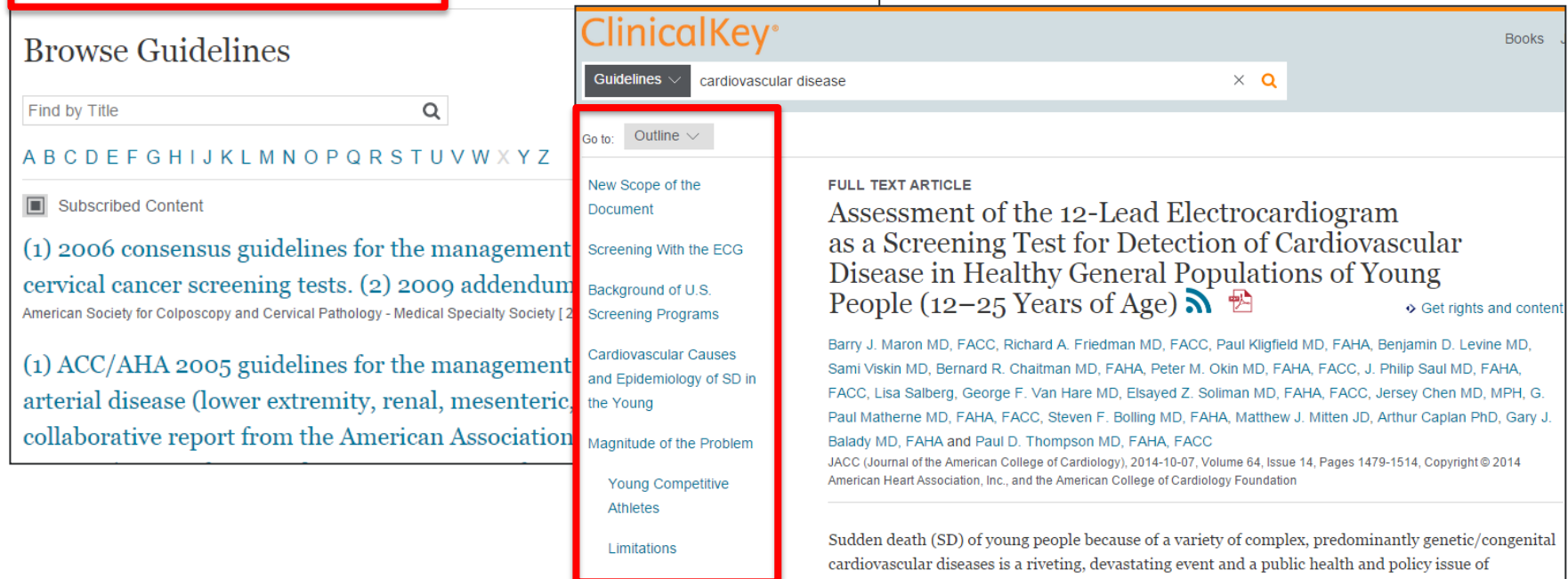
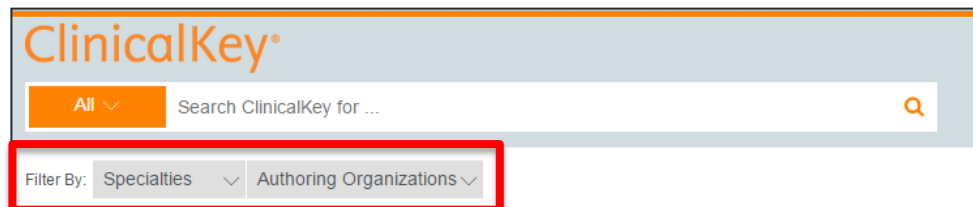
Go to: Outline ▾

References

- 647: Backman JT et al. Dose of midazolam should be reduced during diltiazem and verapamil treatments. *Br J Clin Pharmacol*. 1994;37:221.
[View In Article](#)
- 648: Olkkola KT et al. Midazolam should be avoided in patients receiving the systemic antimycotics ketoconazole or itraconazole. *Clin Pharmacol Ther* 1994;55:481.
[View In Article](#)
- 752: Guerrero RM, Shifrar KA. Diagnosis and treatment of neuroleptic malignant syndrome. *Clin Pharm* 1988;7:697–701.
[View In Article](#)
- 2554: Ahonen J, Olkkola KT, Salmenpera M, et al. Effect of diltiazem on midazolam and alfentanil disposition in patients undergoing coronary artery bypass grafting. *Anesthesiology* 1996;85:1246-52.
[View In Article](#)

Content Overview - Guidelines

- Filter by Specialties, Authoring Organizations



Content Overview - Patient Education

- +15,000 Customized Patient Education Handouts

The image displays two screenshots of the ClinicalKey Patient Education interface, illustrating the process of customizing and printing patient education handouts.

Left Screenshot: Overview Page

- Header:** ClinicalKey® logo, navigation links (Books, Journals, More), and user profile (Soon Ryu).
- Search Bar:** Filtered to "Patient Ed." with the search term "sore throat".
- Left Sidebar:** Navigation menu with links: Overview, What is a sore throat?, Symptoms, What are the symptoms of a sore throat?, Causes & Risk Factors, and What causes sore throats?.
- Main Content:** Titled "PATIENT EDUCATION Sore Throat". It includes copyright information (© 1998-2014 by the American Academy of Family Physicians) and a date (Last revised: August 12, 2014). The main heading is "Overview What is a sore throat?".
- Delivery Options:** A red box highlights the "Delivery Options" button and the "Print" button below it.

Right Screenshot: Print Selected Patient Education

- Header:** ClinicalKey® logo, navigation links, and user profile.
- Search Bar:** Filtered to "All" with the search term "sore throat".
- Main Content:** Titled "Print Selected Patient Education Sore Throat". It includes a text area for "Add special instructions for your patient here..." with formatting options (B, I, U).
- Contact Information:** A red box highlights the "Contact Information" form, which includes fields for Contact Name, Phone, and Contact Email, along with a "+ Add Another Contact" link.
- Text Size:** A red box highlights the "Text Size" section, which includes radio buttons for Small, Medium (selected), and Large.
- Print Button:** A red box highlights the "Print" button at the bottom right of the contact information section.

Content Overview - MEDLINE

- Fully indexed MEDLINE

ClinicalKey®

MEDLINE ▼ cardiovascular disease

MEDLINE

Aging and cardiovascular diseases: the r interactions.

Corella D, Ordovás JM. - Ageing Res. Rev. - November 1, 2014; 18 (); 53-73

Abstract

In the study of longevity, increasing importance is being placed on the than considering the total number of years lived. Although the concept defined better, we know that cardiovascular diseases (CVDs) are the m controlling risk factors will contribute to reducing their incidence, lead complex diseases influenced by numerous genetic and environmental factors. Numerous gene variants that are associated with a greater or lesser risk of the different types of CVD and of intermediate phenotypes (i.e., hypercholesterolemia, hypertension, diabetes) have been successfully identified. However, despite the close link between aging and CVD, studies analyzing the genes related to human longevity have not obtained consistent results and there has been little coincidence in the genes

Citation

MEDLINE is the source for the citation and abstract for this record

Full Source Title
Ageing research reviews

NLM Citation ID
25159268 (PubMed ID)

Language
eng

Author Affiliation

Authors
Corella D, Ordovás JM

Content Overview - Multimedia

- Filter by Source, Specialties, Date
- View by Grid, List

The screenshot displays the ClinicalKey Multimedia search interface. At the top, the 'ClinicalKey' logo is on the left, and 'Books Journals More' with a dropdown arrow is on the right. Below this is a search bar containing 'Multimedia' (with a dropdown arrow) and 'radiation therapy' (with a search icon). A red box highlights the 'Filter By' section, which includes 'Source Type', 'Specialties', and 'Date' (all with dropdown arrows), and an 'Images' button with a close icon. Below the filters, it shows '644 results' and a 'Subscribed Content' checkbox. A red box highlights the 'View: Grid' button (with a dropdown arrow) and the 'Sort by:' label. The main content area displays a grid of 12 multimedia items, including various diagrams, charts, and clinical images related to radiation therapy.

Content Overview - Procedures Consult


- Pre-procedure, Procedure, Post-procedure
- References / Quick review

ClinicalKey®

Procedures ▾ radiation therapy

PROCEDURES CONSULT

Splenectomy for Disease — Open



Last Reviewed Date: 9/2/2009

Editor(s): Nestor R. Villamizar, MD, Theodore Pappas, MD

Section Editor(s): Theodore Pappas, MD

REFERENCES

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5. Kojouri K, Vesely SK, Terrell DR, et al: Splenectomy for adult patients with idiopathic thrombocytopenic purpura: a systematic review to assess long-term platelet count responses, prediction of response, and surgical complications . *Blood* 2004; 104: pp. 2623-2634.
6. Townsend CM, Beauchamp DR, Evers MB, et al: Sabiston Textbook of Surgery, 18th ed, Philadelphia, Saunders, 2008.

QUICK REVIEW

PRE-PROCEDURE

Personal Features - Saved Content

- Add/Edit/Share Tag, Add a note to that specific tag

The image is a collage of four screenshots from the ClinicalKey website, demonstrating personal features for saved content. The top-left screenshot shows a book chapter on 'Myocarditis' with a red box highlighting the 'CME', 'Add Tag', and 'Share' icons. The top-right screenshot shows the 'My Tags' page with a red box highlighting the 'Share' and 'Edit' buttons. The bottom-left screenshot shows the 'Saved' items page with a red box highlighting the 'Add Tag' dropdown and 'Go to Saved' button. The bottom-right screenshot shows the 'Share Tag' dialog box with a red box highlighting the 'Share Tag' button. The bottom-most screenshot shows the 'Notes' field for a tag, with a red box highlighting the text input area and the 'Save Changes' button.

Top Left Screenshot: ClinicalKey interface showing a book chapter titled 'Myocarditis'. A red box highlights the 'CME', 'Add Tag', and 'Share' icons in the top right corner.

Top Right Screenshot: ClinicalKey interface showing the 'My Tags' section. A red box highlights the 'Share' and 'Edit' buttons in the top right corner.

Bottom Left Screenshot: ClinicalKey interface showing the 'Saved' section. A red box highlights the 'Add Tag' dropdown and 'Go to Saved' button.

Bottom Right Screenshot: ClinicalKey interface showing the 'Share Tag' dialog box. A red box highlights the 'Share Tag' button.

Bottom Screenshot: ClinicalKey interface showing the 'Notes' field for a tag. A red box highlights the text input area and the 'Save Changes' button.

Personal Features - Search History

- Save, Delete

The screenshot displays the ClinicalKey Search History page. At the top, the ClinicalKey logo is on the left, and navigation links for Books, Journals, and More are on the right. A search bar is present with a dropdown menu showing 'All' and a search icon. Below the search bar, the page title 'SEARCH HISTORY PAGE' is followed by 'Search History'. There are two tabs: 'Search History' (active) and 'Saved Searches'. A 'Clear All History' link is visible. The page is divided into sections for 'Today' and 'Yesterday'. The 'Today' section shows a search for 'atrial fibrillation' with 'No Filters Applied'. A red box highlights the 'Save' button, which is located next to the search results. The 'Yesterday' section shows a search for 'surgery' with 'No Filters Applied'.

ClinicalKey®

Books Journals More Soori Ryu

All Search ClinicalKey for ...

SEARCH HISTORY PAGE

Search History

Search History Saved Searches Clear All History

Today

atrial fibrillation

No Filters Applied

Yesterday

surgery

No Filters Applied

SEARCH HISTORY PAGE

Search History

Search History Saved Searches Clear All History

Today

atrial fibrillation

No Filters Applied

Save

Star icon Trash icon

Personal Features - Presentation Maker

- Create folder
- Save, Edit(Add/delete)

ClinicalKey®

Multimedia ▼ sore throat

Presentation Maker

My Presentations

+ Create new presentation

test	9/24/14
addison disease	9/24/14
Myocarditis	9/24/14

test [Change](#)

+ Add images from Saved Content

Books Journals More ▼ Soon Ryu ▼

- Saved Content
- Search History
- Presentations**
- Settings
- Log Out

Rights Link®

- “Get rights and content” link
- Commercial reuse of Elsevier content

ClinicalKey®

All ▾

Go to: Outline ▾

Summary of Key Points
Introduction
Vectors
Viral Gene Transfer
Vectors
Nonviral Gene Transfer
Vectors
Direct DNA
Injection/Transduction
Nucleic Acid–Based
Therapeutics

BOOK CHAPTER

Gene Therapy in Oncology

James E. Talmadge and Kenneth H. Cowan
Abeloff's Clinical Oncology, 31, 493-507.e4

Summary of Key Points

Recent Advances in Gene Therapy

- Chimeric antigen receptor transduction of peripheral blood T lymphocytes for delivery of specifically cytotoxic immunoreactivity
- Silencing of gene expression with short hairpin RNA delivered with nanoparticle or lentiviral delivery vectors
- Regulated transgene expression



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RightsLink®

Chapter: 31 Gene Therapy in Oncology
Book: Abeloff's Clinical Oncology
Publisher: Elsevier
Date: 2014
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