

ClinicalKey®
Lead with answers.

Clinical Search Engine ClinicalKey

ELSEVIER

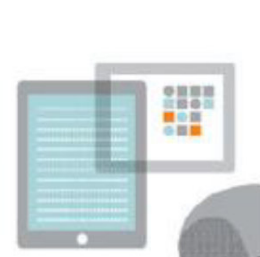


Clinical search engine



Source with reliable contents

ClinicalKey is a **clinical search engine**, that supports the **clinical decision requirements** of physicians



Covers the full scope of medicine accross +30 medical and surgical specialties



ClinicalKey®

1,400+ **Topic Pages**



2,500,000+ **Images**



850+ **First Consult Monographs**



2,900+ **Drug Monographs**



1,100+ **Books**



4,500+ **Practice Guidelines**



600+ **Journals** incl. The Lancet



Fully indexed **MEDLINE** abstracts



22,000+ **Videos**



All Clinical Trials



350+ **Procedures**



Patient Education



ELSEVIER

ClinicalKey offers contents for young and more experienced physicians

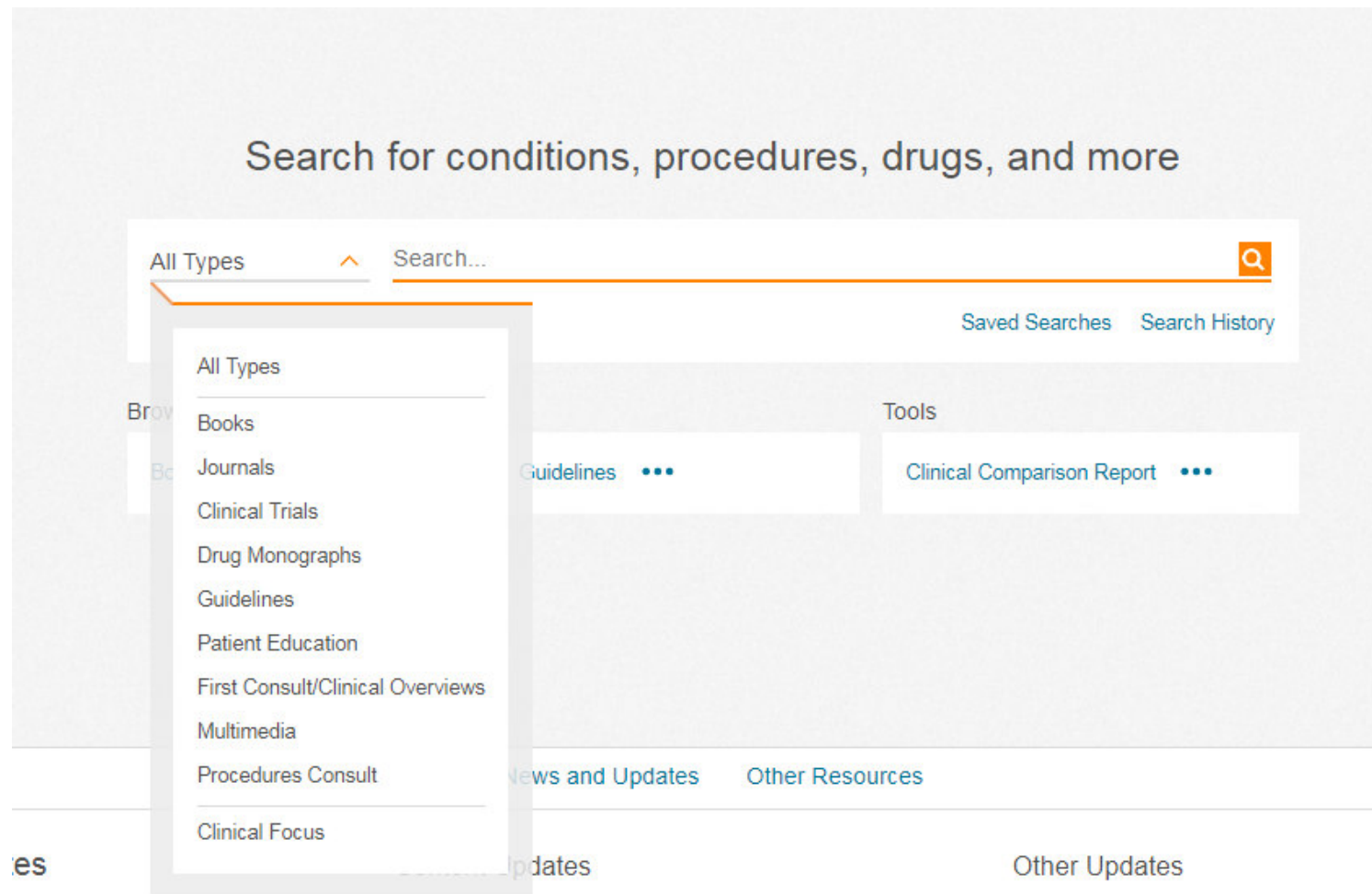
Topic Pages, First Consult, Clinical Overviews

- Access everywhere/anytime**
- Clinic-PC via IP Enablement
 - At home
 - On the go with mobile app

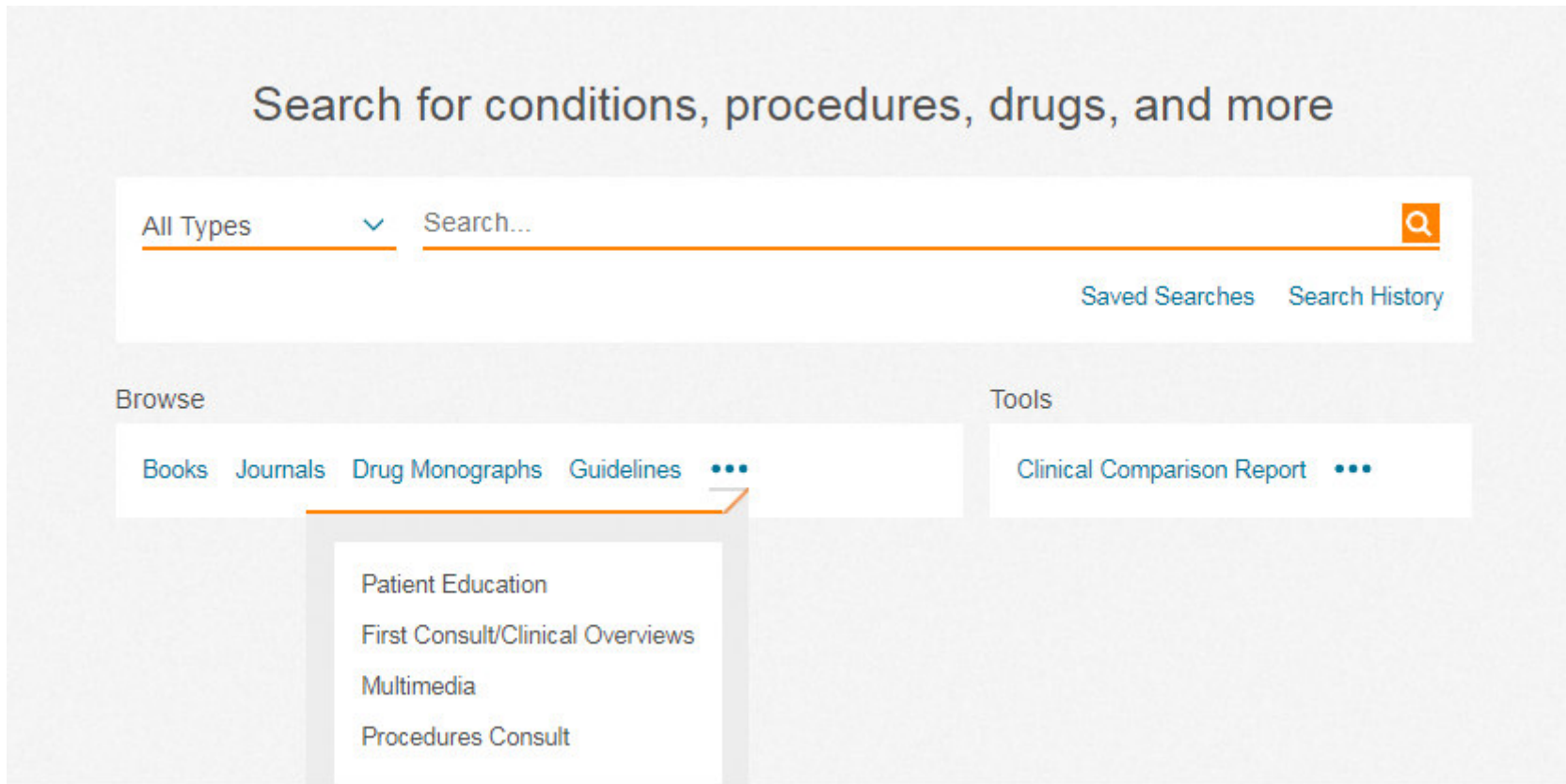
	Get a quick Answer	Get prepared for an exam	Deepen a topic	Create a presentation	Stay current
Junior Level	✓	✓	✓	✓	✓
Senior Level	✓		✓	✓	✓
Higher Level	✓		✓	✓	✓

... current full-texts and clinical studies....

Search bar with scoped search



Browse Menu

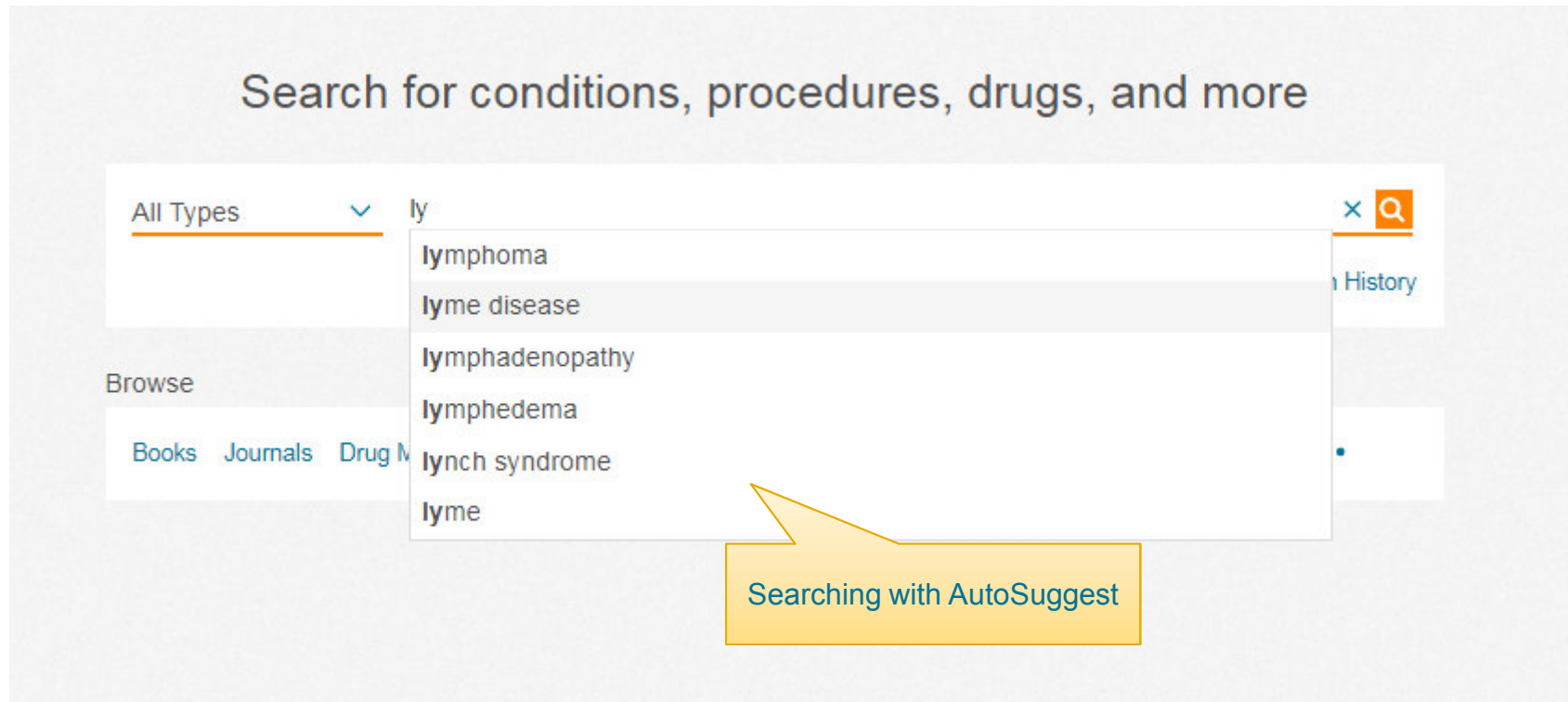


Account menu with personal profile and user-activities

The screenshot displays the ClinicalKey user interface. At the top right, the user's name "Karen Chevalier" is shown next to a profile icon and a help icon. A dropdown menu is open, showing the user's name and IP address: "Karen Chevalier", "** Elsevier Juniper IP **", and "(Dayton) (change)". The menu items include: Settings, CME (251.5), Change Language, Saved Content, Presentations, Change Organization, Remote Access, and Log Out. In the center of the page, there is a search bar with the text "Search for conditions, procedures, drugs, and more". Below the search bar is a search input field with a dropdown menu set to "All Types" and a search button. Below the search bar are two sections: "Browse" with links for Books, Journals, Drug Monographs, and Guidelines; and "Tools" with a link for Clinical Comparison Report.

Search bar with scoped search

“It all starts with a simple search”



Quick answers to clinical questions

[Search](#) [Browse](#) [Tools](#)

All Types lyme disease × Q Saved Searches Search History

Filter By:

Source Type

- Books 3005
- Journal Articles 10971
- Full Text Only
- Full text and MEDLINE
- Systematic Reviews 23
- Meta-analyses 18
- Randomized Control Trials 87
- Narrative Reviews 1990
- Images 965
- Clinical Trials 49
- Patient Education 39
- First Consult/Clinical Overviews 39
- Videos 32
- Procedures Consult 31
- Guidelines 14
- Drug Monographs 10

Specialties

Date

15151 results Sort by: Relevance [\[+\] Rate Results](#)

- CLINICAL OVERVIEW
Lyme disease
Updated July 24, 2017. © 2017.
- BOOK
Therapy
Lyme Disease (Lyme Borreliosis) Due to *Borrelia burgdorferi* > Clinical Characteristics
Evidence-based treatment recommendations from the Infectious Diseases Society of America
usually be treated with oral antibiotics.
[Mandell, Douglas, and Bennett's Principles and Practice of Infectious Diseases](#)
Steere, Allen C.. Published January 1, 2015.
- BOOK
Late Infection: Stage 3 (Persistent Infection)
Lyme Disease (Lyme Borreliosis) Due to *Borrelia burgdorferi* > Clinical Characteristics
Months after the onset of the illness, within the context of strong cellular and humoral immune responses to *B. burgdorferi*, about 60% of patients in the northeastern United States begin to experience intermittent attacks of joint swelling and pain.

Lyme Disease

Clinical Overview [View Full Topic](#)

Elsevier Point of Care

CLINICAL OVERVIEW
Lyme disease

Elsevier Point of Care (siehe Einzelheiten)
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Synopsis Terminology Diagnosis Treatment Complications and Prognosis Screening and Prevention References

<p>Key Points</p> <p>Pitfalls</p>	<p>Key Points</p> <ul style="list-style-type: none"> Lyme disease is a multisystem inflammatory disease caused by infection with spirochetes of the <i>Borrelia</i> genus; spread by the bite of infected <i>Ixodes</i> ticks Early localized stage often involves erythema migrans skin rash, usually at site of tick bite (however, approximately 20%¹ of patients with Lyme disease never develop rash); possible fever, myalgias, or both 3 to 32 days² after tick bite 	<p>Urgent Action</p> <ul style="list-style-type: none"> Patients with Lyme carditis and atrioventricular block refractory to atropine sulfate may require a temporary pacemaker
-----------------------------------	---	---

with prominent joint effusion; cardiac effects and, rarely, long-term neurologic effects are also possible

Diagnosis is based on history of exposure to ticks in an endemic area, clinical presentation, and 2-tiered serology

Differential diagnosis includes other tick-borne diseases (eg, human granulocytic anaplasmosis, babesiosis)

Prompt treatment... [More](#)

Classification [▼](#)

Diagnosis [▼](#)

Differential Diagnosis [▼](#)

Clinical Overviews offer a quick overview to epidemiology, risk factors, diagnosis, treatments and more

You can even search for more specific answers to your clinical questions

Clinical Focus v diagnosis and treatment lyme disease x

Filter By: x Clear all

Source Type ^

- Books 88
- Journal Articles 32
 - Full Text Only
 - Full text and MEDLINE
- Systematic Reviews 1
- Narrative Reviews 30
- Guidelines 1

Specialties v

Date ^

- Last 12 months 120
- Last 6 months 18
- Last 18 months 140
- Last 2 years 289
- Last 3 years 439
- Last 5 years 647

120 results Sort by: Relevance v

[\[+\] Rate Results](#)

BOOK

Selected References

Bites and Stings

Wilderness medicine This textbook is an authoritative, in-depth review of wilderness medicine. Bites and stings by many organisms are discussed in detail by experts from each field. Many pertinent studies are reviewed. Clinical practice. Hymenopte...

[Sabiston Textbook of Surgery.](#)
Liao, Lillian F.; Norris, Robert L.... [Show all](#). Published January 1, 2017. © 2017.

BOOK

Uveitis

Diseases of the Head and Neck

Current Diagnosis The most common form of uveitis is anterior uveitis. Anterior uveitis is commonly idiopathic. Posterior uveitis is most likely infectious. In any form of uveitis, syphilis, tuberculosis, and Lyme disease need to be ruled out. In ...

[Conn's Current Therapy 2017.](#)
Bope, Edward T., MD; Kellerman, Rick D., MD. Published January 1, 2017. © 2017.

BOOK

Clinical Features and Diagnosis

The Infectious Diseases > Chronic Fatigue Syndrome

Print, download and share contents

All Types Search for conditions, procedures, drugs, and more Saved Searches Search History

Find 'diagnosis and treatment Lyme disease' in this Chapter or Book

Open reading mode CME ☆ 📄 ✉

Amebiasis

Epidemiology and Risk Factors for Acquisition

Pathophysiology and Susceptible Host Factors to Invasive Diseases

Clinical Manifestations and Complications of Amebiasis

Diagnosis

Therapy

Monitoring after Treatment and Disease Prevention

References

Anthrax

Cutaneous Anthrax

Gastrointestinal

Inhalational

Injection

Systemic Anthrax With Possible/Confirmed Meningitis


BOOK CHAPTER

The Infectious Diseases

Edward T. Bope MD and Rick D. Kellerman MD
Conn's Current Therapy 2017, 8, 479-635

Amebiasis

Method of
Koji Watanabe, MD, PhD
William A. Petri, MD



- Amebiasis is transmitted by the ingestion of fecally contaminated water or food and by high-risk sexual behaviors (men who have sex with men [MSM] or oral–anal sexual contact).
- Although mild to moderate colitis is the most common disease presentation, various severe illnesses (liver abscess, peritonitis, pleurisy, and pericarditis) can also occur.
- Diagnostic value of microscopic stool or abscess ova and parasite examination (O&P) is low. Antigen detection in stool for intestinal amebiasis and in serum for amebic liver abscess shows high sensitivity. Serology shows high sensitivity but cannot distinguish current infection



Conn's Current Therapy 2017

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✉ Email

From: k.chevaller@elsevier.com Change

To:

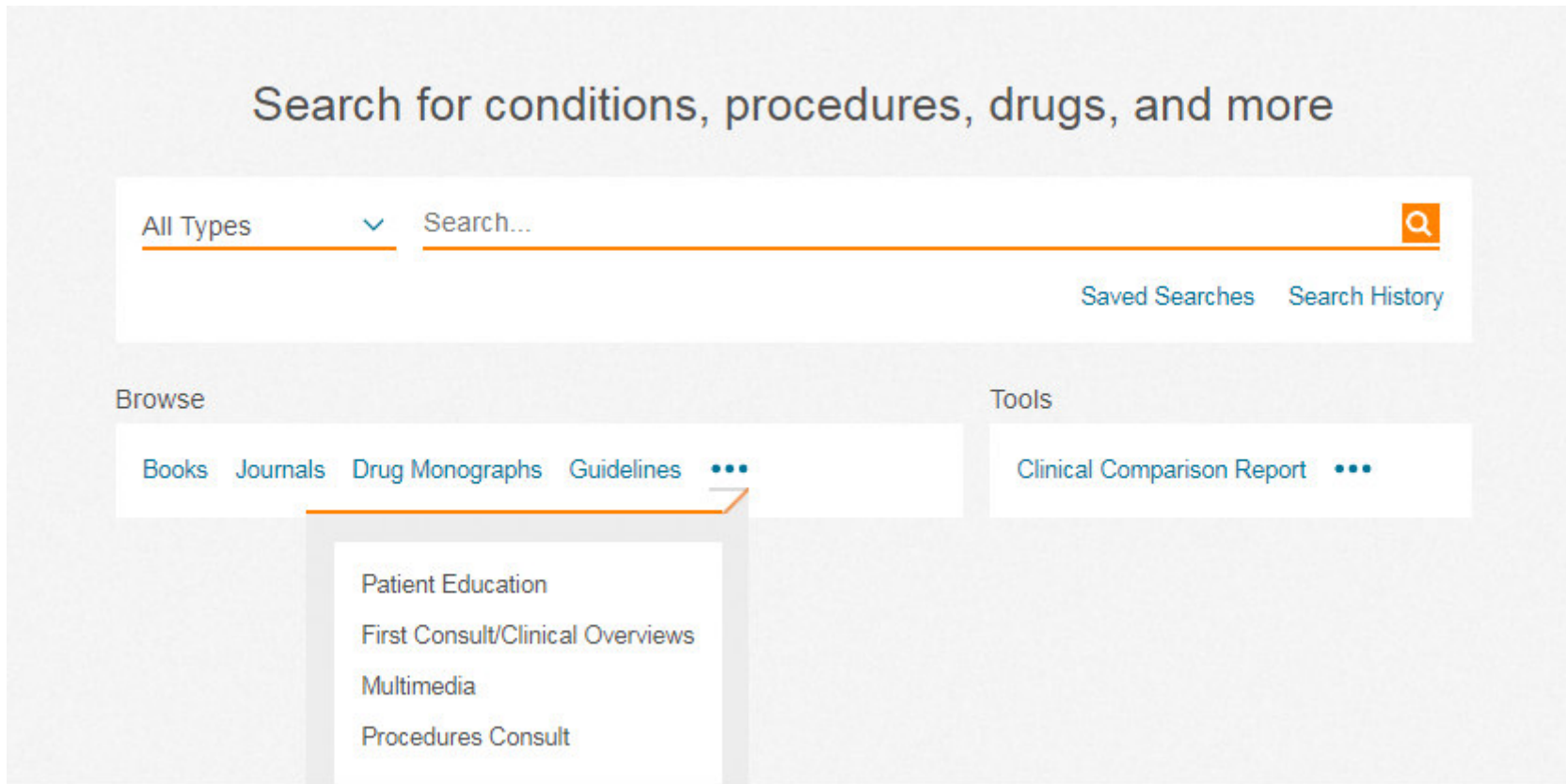
CC:

Message:

🔗 Book Chapter: Myocarditis and Pericarditis

Cancel **Send**

Browse Menu



➤ Browsing Books:

Browse Books

Filter By:

Specialties ⤴

- Cardiovascular 14
- Endocrinology & Metabolism 1
- Medical/Surgical Nursing 1

Subscribed Content

braun| × 🔍

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

Acute Coronary Syndromes: A Companion to Braunwald's Heart Disease

Atlas of Cardiovascular Computed Tomography: Imaging Companion to Braunwald's Heart Disease

Braunwald's Heart Disease: A Textbook of Cardiovascular Medicine

Cardiovascular Intervention: A Companion to Braunwald's Heart Disease

Cardiovascular Therapeutics: A Companion to Braunwald's Heart Disease

Clinical Arrhythmology and Electrophysiology: A Companion to Braunwald's Heart Disease

Featured Books



Abeloff's Clinical Oncology

➤ Browsing Journals:

The screenshot shows the Lancet journal page. The title "THE LANCET" is underlined. Below it is a quote: "Worldwide, medication errors cost an estimated US\$42 billion annually... This serious source of avoidable harm and death has stalked health care since it was clearly identified 60 years ago. The time to stop it is long overdue." Below the quote is a small table with columns for "Medication errors", "Adverse drug reactions", "Patient safety", "Quality of care", and "Patient outcomes".

To the right of the quote is the text "Lancet, The" followed by an RSS icon. Below this is "New Issue Alerts:" followed by a "Subscribe" button. An orange box highlights the "Subscribe" button, and an orange arrow points from it to a dark grey box containing the text "You will receive new issue alerts for this journal at k.chevalier@elsevier.com".

Below the quote and table is a search bar with the text "Search this Journal" and a magnifying glass icon.

Below the search bar is the text "Current Issue" followed by "2017-4-29, Volume 389, Issue 10080".

Below the current issue information is the section "Journal Volumes:" followed by a list of volumes with expandable arrows:

- > Articles in Press
- > Volume 389 (2017)
- > Volume 388 (2016)
- > Volume 387 (2016)
- > Volume 386 (2015)

➤ **Browsing Drug Monographs:**

Browse Drug Monographs

Filter By:

Drug Class ^

- Antibiotics 1
- Antineoplastic Agents 1
- Cephalosporins 1
- Class III Antiarrhythmics 1
- H2-blockers 1
- Nonsteroidal Antiinflammatory Drugs 7
- Opiate Agonists 2
- Sedating H1-blockers 2
- Sympathomimetics 2
- Topical Local Anesthetics 1

Adverse Reactions ∨

Indications ∨

Contraindications ∨

Subscribed Content

ibu| × ∨

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

Ceftibuten
Cedax

Chlorpheniramine; Ibuprofen; Pseudoephedrine
Advil Allergy and Sinus | Advil Children's Allergy and Sinus | Advil Multi-Symptom Cold

Dibucaine
Nupercainal

Diphenhydramine; Ibuprofen
Advil PM | Ibuprofen; Diphenhydramine | Motrin PM

Eribulin
Halaven

Famotidine; Ibuprofen
DUEXIS

Hydrocodone; Ibuprofen
Ibudone | Reprexain | Vicoprofen | Xylon 10

Ibuprofen
Advil | Advil Children's | Advil Infants' | Advil Junior Strength... Show all.

Additional Drug Information

You also have access to Clinical Pharmacology powered by ClinicalKey.

www.clinicalkey.com/pharmacology

➤ **Browsing Guidelines:**

Browse Guidelines

Filter By: ✕ Clear all

Specialties ⤴

- Cardiovascular 950
- Advanced Basic Science 12
- Allergy and Immunology 137
- Anesthesia & Perioperative Care 147
- Cardiothoracic Surgery 186
- Critical Care 303
- Dentistry 52
- [+ More Specialties](#)

Authoring Organizations ⤵

- Subscribed Content

Filter List by Title ⌵

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

(1) The treatment of central sleep apnea syndromes in adults: practice parameters with an evidence-based literature review and meta-analyses. (2) Updated adaptive...

American Academy of Sleep Medicine - Professional Association. [2012 01 01]

2011 ACCF/AHA Focused Update of the Guideline for the Management of Patients With Peripheral Artery Disease (Updating the 2005 Guideline)

American College of Cardiology Foundation and the American Heart Association, Inc.. [2011 11 01]

2011 ACCF/AHA Guideline for Coronary Artery Bypass Graft Surgery

American College of Cardiology Foundation and the American Heart Association, Inc.. [2011 12 06]

2011 ACCF/AHA Guideline for Coronary Artery Bypass Graft

➤ Browsing Patient Education:

All Types ▼ Search for conditions, procedures, drugs, and more 🔍 Saved Searches Search History

☆ ✉ 🖨

What Is Lyme Disease?

What Causes Lyme Disease?

What Are the Symptoms of Lyme Disease?

How Is Lyme Disease Diagnosed?


How Is Lyme Disease Treated?

DOs and DON'Ts in Managing Lyme Disease:


PATIENT EDUCATION

MANAGING YOUR LYME DISEASE

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Last revised: May 11, 2016.




Lyme disease is an infection that affects many parts of the body, including skin, joints, and nervous system. This illness was first seen in 1975. More than 150,000 cases have been reported in the United States since 1980.




A bacteria named *Borrelia burgdorferi* causes it. A tick bite passes the bacteria to people. Deer living in heavily wooded areas often carry these ticks.

Flu-like symptoms, including headache, fever, fatigue, rash, and joint pain, are usually the first symptoms.



As the infection progresses, chest pain, shortness of breath, dizziness, arthritis-like symptoms in joints, and neurological problems may occur.



Print

Available to print in English & Spanish.

Sharing ClinicalKey handouts with patients

Print Selected Patient Education

MANAGING YOUR ASTHMA

English ▼ B I U

Add special instructions for your patient here...

Contact Information

Contact Name

Phone

Contact Email

+ Add Another Contact

Text Size

Small Medium Large

[Create printable PDF](#)

➤ Browsing Procedure Consults:

The screenshot shows a web interface for a procedure consult. At the top, there is a navigation bar with 'Procedures' and a dropdown arrow, followed by the search term 'tick'. To the right of the search bar are links for 'Back to results', 'Saved Searches', and 'Search History'. Below the search bar, there is a search filter 'Find 'tick' in this Page' and icons for star, email, and print. The main content area is titled 'PROCEDURES CONSULT' and 'Tick Removal'. Below the title is a video player showing a close-up of a metal tick removal tool being used on a person's skin. The video player has a play button in the center and the ClinicalKey logo in the top right corner.

➤ Browsing Multimedia:

Multimedia ▼ erythema migrans lesion ✕ 🔍 Saved Searches Search History

Filter By: ✕ Clear all

Source Type ▲

- Books 483
- Journal Articles 342
- Full Text Only
- Full text and MEDLINE

Narrative Reviews 137

Images 124

First Consult/Clinical Overviews 16

Procedures Consult 2

Videos 2

Clinical Trials 1

Drug Monographs 1

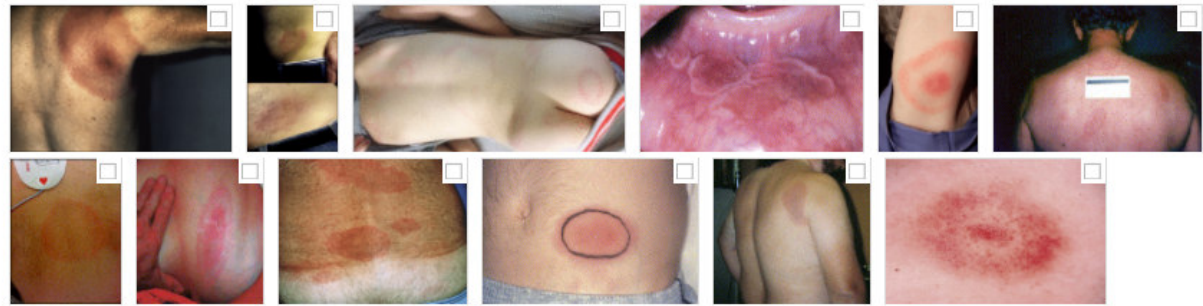
Specialties ▼

Date ▼

Subscribed Content

126 results Sort by: Relevance ▼

View: 📄 📀 Grid ▼ [+] Rate Results



☆ 🔖 ✉ 📄 ✕

IMAGE

Diagnosis and Treatment of Lyme Disease

Mayo Clinic Proceedings
Bratton, Robert L., MD; Whiteside, John W., MD... [Show all...](#) Published May 1, 2008. Volume 83, Issue 5. Pages 566-571. © 2008.

FIGURE 4 Characteristic bull's-eye or target shape of erythema migrans lesion in Lyme disease.

[View in source](#) [View full size](#)

Add to Presentation

[Select Presentation](#) ▲ [+ Create New](#)

- Lyme
- Cataract Surgery
- Fractures Classifications

Account menu with personal profile and user-activities

The screenshot displays the ClinicalKey user interface. At the top right, the user's name "Karen Chevalier" is shown next to a profile icon and a help icon. A dropdown menu is open, showing the user's profile information: "Karen Chevalier", "Elsevier Juniper IP", and "(Dayton) (change)". The menu includes the following options: Settings, CME (251.5), Change Language, Saved Content, Presentations, Change Organization, Remote Access, and Log Out. In the center of the page, there is a search bar with the text "Search for conditions, procedures, drugs, and more". Below the search bar is a search input field with a dropdown menu set to "All Types" and a search button. Below the search bar are two sections: "Browse" with links for Books, Journals, Drug Monographs, and Guidelines; and "Tools" with a link for Clinical Comparison Report.

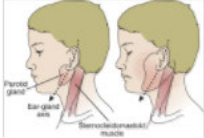
➤ Saved Content list:

All Types ▼ Search for diagnoses, conditions, drugs and more... 🔍 Saved Searches Search History

Saved

9 items in Saved Sort by: Date Added ▼

IMAGE

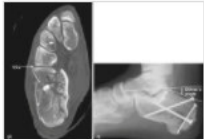


Mumps

Nelson Textbook of Pediatrics.
Mason, Wilbert H.. Published January 1, 2016.

Orthopedics x pediatrics x + Add/Edit Tags

IMAGE



Foot and Ankle

CT and MRI of the Whole Body.
Kosmas, Christos; Schreibman, Ken L.; Robbin, Mark R.. Published January 1, 2017.

+ Add/Edit Tags

BOOK

Epidemiology of primary bone tumors and economical aspects of bone metastases

Bone Cancer.
Hauben, Esther I.; Hogendoorn, Pancras C.W.. Published January 1, 2015.

Oncology x + Add/Edit Tags

My Tags

Share Edit

- Cardiology
- Endocrinology
- Gastroenterology
- Neurology
- Oncology
- Ophthalmology
- Orthopedics
- pediatrics

Share Tag

Choose a tag to share ▼

From: k.chevalier@elsevier.com Change

To:

(Separate email addresses with commas)

Notes:

Cancel Send

➤ Presentation Maker:

Presentation Maker

My Presentations

+ Create new presentation

Lyme	8/30/17
Cataract Surgery	7/11/17
Fractures Classifications	7/11/17

Lyme [Change](#)



+ Add images from Saved Content

[Export](#)



erythema migrans on the back of a male patient. Reprinted with permission from Cutis 1991;47:229-230, 232. ©1991, Quadrant HealthCom Inc.
me disease
iate, Chinmoy, MD, Journal of the American Academy of Dermatology, Volume 64, Issue 4, 619-636
opyright © 2010 American Academy of Dermatology, Inc.

Register a personal profile for maximum benefits

www.clinicalkey.com

English CME Login Register

Search for conditions, procedures, drugs, and more

All Types Search...

Browse: Books Journals Drug Monographs Guidelines ...

Tools: Clinical Comparison Report ...

Register

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Your details

First name *
Karen

Family name *
Chevalier

Email and password

Your e-mail address will be your username for these Elsevier products.

Email address *
k.chevalier@elsevier.com

Password *

> Additional profile details

I wish to receive information from Elsevier B.V. and its affiliates concerning their products and services

Your role *
Doctor > Surgeon

Activation of the Remote Access for a full access to ClinicalKey from any computer outside your institution

www.clinicalkey.com

The screenshot shows the ClinicalKey website interface. At the top, there is a search bar with the text "Search for conditions, procedures, drugs, and more". Below the search bar, there are options for "All Types" and a search input field. To the right of the search bar, there are links for "Saved Searches" and "Search History". Below the search bar, there are two main navigation sections: "Browse" and "Tools". The "Browse" section includes links for "Books", "Journals", "Drug Monographs", and "Guidelines". The "Tools" section includes a link for "Clinical Comparison Report". On the right side of the page, there is a user profile dropdown menu for "Karen Chevalier". The dropdown menu includes options for "Settings", "CME 252", "Change Language", "Saved Content", "Presentations", "Change Organization", "Remote Access", and "Log Out". An orange arrow points from the "Remote Access" option in the dropdown menu to the "Apply for remote access" form below.

Apply for remote access

If your institution has Remote Access enabled, this feature will allow you to access ClinicalKey even when you are not on your institution's network.

To begin, please input your institutional email address below. Remote Access is not compatible with a Yahoo, Gmail, or other personal email account. If you do not have an email address associated with your institution, please contact your institution's administrator to obtain remote access.

Email address

[Continue >](#)

ClinicalKey: Summary

- ✓ All-in-one tool containing all the contents you need
- ✓ ClinicalKey answers questions quickly recognizing relevant clinical concepts as you type and offering shortcuts to critical answers
- ✓ Trusted contents for junior to senior doctors and other health professionals accross +30 medical specialties
- ✓ ClinicalKey is continuously updated
- ✓ Save/PDF downloads/Print contents
- ✓ Easy share of clinical contents
- ✓ Presentation maker with a current collection of multimedia
- ✓ ClinicalKey remote access from any computer outside your institution