

MedlinePlus: Power Searching for Hidden Treasures

MedlinePlus: Power Searching for Hidden Treasures

An Infopeople Webinar


Presented by Kelli Ham, MLIS
August 21, 2014



Today's Objectives

Participants will:

- See a spectrum of questions that can be answered with MedlinePlus
- Discover new ways of advanced searching
- Utilize MedlinePlus as a springboard to other sources



Agenda

- Overview
- Scenarios and techniques
 - Basic and advanced key word searching
 - Choosing the right resource
 - Search and refine techniques
 - News alerts and RSS feeds
 - New ways to find current research results
 - Performing PubMed searches within MedlinePlus

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MedlinePlus = Quality Health Info



- Over 950 health topics
- Drug and herbals
- Extensive Spanish materials
- Multiple languages
- Easy-to-read collection
- Videos and tutorials
- Health Check tools
- Medical Encyclopedia
- Dictionary
- Health News
- Special populations
- Clinical trials
- Preformulated searches in PubMed.gov
- And much more!

The Spectrum of Questions

- Basic reference tools – (encyclopedia, dictionary, anatomy)
- Conditions and Diseases – Symptoms, Diagnosis, Prognosis
- Treatments and therapies
- Drug information
- Patient instructions, care, coping
- Health, wellness and prevention
- Caregiver, aging, and end-of-life issues
- Health statistics
- Health insurance, navigating healthcare systems



Common Search Techniques

- Key word search
- Navigating to specific content areas and topics
- Browsing and discovery



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Reference Resources

- Dictionary, encyclopedia, directory...
 - Who, what, why?
 - What you learn will dictate resources and search strategy

Scenario - Reference Resource

- Patron has lab test results for a *lipid panel* and would like help interpreting the numbers.
- Technique: key word search; limit to Medical Encyclopedia or browse results list



Search and Refine by Content Type



Search MedlinePlus **lipid panel**

Results 1 - 10 of 46 for lipid panel

- Cholesterol testing**
Lipoprotein cholesterol analysis. Lipid profile. Lipid panel. Hyperlipidemia - testing. Cholesterol and triglyceride test. Coronary risk profile.
[www.nlm.nih.gov/medlineplus/encyclopedia/002811.htm](#) **Medical Encyclopedia**
- Lipid Profile** (American Association for Clinical Chemistry)
page. Was this page helpful? Also known as: Lipid Panel. Coronary Risk Panel. Formal name: Lipid Profile. Related... it, is 7 result.) Youth: A full lipid panel is recommended for **screening** only, according to the [National Center for Chronic Disease Prevention and Control](#).
[http://www.nlm.nih.gov/medlineplus/encyclopedia/002811.htm](#) **Medical Encyclopedia**
- Xanthomas (Xanthomas)** (Logical Images)
Early check cholesterol levels in your blood (a lipid panel). If you have a lipid abnormality, exercise and dietary modifications will likely be...
[http://www.nlm.nih.gov/medlineplus/encyclopedia/002811.htm](#) **Medical Encyclopedia**

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Refine by Concept

Refine by Type

- All Results (47)
- Health Topics (3)
- External Health Links (27)
- Drugs and Supplements
- Medical Encyclopedia (1)
- Videos and Tutorials (1)
- News
- MedlinePlus Magazine (1)
- Other Resources (4)
- Multiple Languages

Refine by Keyword

- All Results (47)
- Lipid Profile (7)
- Fat (1)
- Education Program (1)
- Other Topics (2)

Results 1 - 10 of 46 for lipid panel

- Cholesterol testing**
Lipoprotein/ cholesterol analysis; Lipid Cholesterol and triglyceride test. Core...
www.nlm.nih.gov/medlineplus/ency/arl
- Lipid Profile** (American Association ... page: Was this page helpful? Also name - Lipid Profile Related ... dt. (5 T screening youths: according to the latestsonline.org/understanding/ansat
- Xanthelasma Palpebrarum** (Logic ... likely check cholesterol levels in yo exercise and dietary modifications toll www.silverlight.com/aaup/aaad/teasms
- Triglyceride level**
The triglyceride level is usually inch National Cholesterol Education Progra Goldman L, Ausiello D, eds. Cecil ... www.nlm.nih.gov/medlineplus/ency/arl
- Apolipoprotein B100**
... the added value of this test beyond www.nlm.nih.gov/medlineplus/ency/arl
- Apolipoprotein CII**
... the added value of this test beyond

Student Research Paper

High school student doing a paper on ethics of patient who wants to stop dialysis treatment for kidney failure

Technique: Key word search
Main concepts: dialysis, choice/decision, ethics

Kidney failure deciding choosing to stop dialysis ethics = 0
Deciding stop dialysis ethics = 3
Deciding stop dialysis = 22
Choosing stop dialysis = 33

Advanced search techniques:
Stop dialysis ethic* = 6
"stop* dialysis" = 7
(choosing OR stopping OR choose OR stop) dialysis = 231
Search Help: <http://www.nlm.nih.gov/medlineplus/searchtips.html>

Simple May Suffice

Search MedlinePlus

Drugs & Supplements Videos & Cool Tools

Results 1 - 10 of 29 for stopping dialysis

- Dialysis: Deciding to Stop** (National Kidney Foundation)
... impact of what stopping dialysis will mean: Is stopping dialysis considered suicide? Many religions teach that individuals have overall medical condition. What should I expect after stopping dialysis? Death from kidney failure is usually painless. However...
www.kidney.org/atoz/content/dialysisstop.cfm External Health Links
- Coping Effectively: A Guide to Living Well with Kidney Failure** (National Kidney Foundation) - PDF
... to Start Dialysis Treatment (11-10-0330) ■ When Stopping Dialysis Treatment Is Your Choice (11-10-0331) ■ The "...
www.kidney.org/atoz/pdf/coping.pdf External Health Links
- If You Choose Not to Start Dialysis Treatment** (National Kidney Foundation) - PDF
... kidney.org/ATOZ/pdf/choosing_treat.pdf ■ When Stopping Dialysis Treatment Is Your Choice - (11-10-0331), www...
www.kidney.org/atoz/pdf/IfYouChoose.pdf External Health Links

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Staying Informed

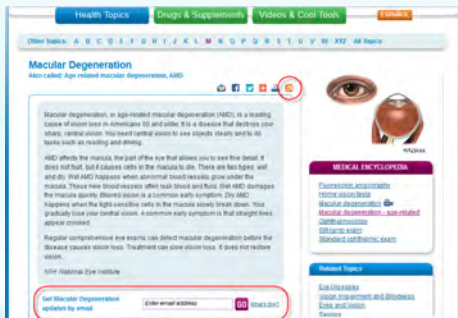
Patron: "I know a lot about macular degeneration, because both of my parents have been diagnosed with it. How can I get updates on new treatments?"

Technique: Sign up for updates on Health Topic page

- RSS Feeds
- Email updates



Email Updates and RSS Feeds




Same User, New Question

My father's macular degeneration (AMD) has progressed, and the doctor is recommending injections of a drug called Avastin because it's a lot cheaper and just as effective as another drug. What is meant by off-label use? Is there any research that says it's effective and safe?

Technique: Determine concepts

- off label, AMD + avastin + safety, efficacy
- Clinical trials results



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Search Results - off label

The screenshot shows a search for 'off label' on MedlinePlus. The search bar contains 'off label' and the number '60' is displayed. Below the search bar are tabs for 'Drugs & Supplements', 'Videos & Cool Tools', and 'ESPACOR'. The results section shows 'Results 1 - 10 of 664 for off label'. The first three results are:

- Off-Label Drug Use** (American Cancer Society)
Off-label Drug Use What is off-label drug use? In the United States new drugs are tested in clinical trials (research studies) before they are approved by the US ...
[www.cancer.org/...chemotherapy/off-label-drug-use](#) External Health Links
- Understanding Investigational Drugs and Off-Label Use of Approved Drugs** (Food and Drug Administration)
Use of Approved Drugs Understanding Investigational Drugs and Off-Label Use of Approved Drugs Approved drugs are not ... Questions Should I Ask my Healthcare Provider About Off-Label Use? If you and your Healthcare Provider are ...
[www.patientnetwork.fda.gov/...standing-investigational-drugs](#) External Health Links
- Off-Label Drugs: What You Need to Know** (Agency for Healthcare Research and Quality)
... hospital, doctor, and health plan. Age 21 2009 Off-Label Drugs: What You Need to Know By Carolyn ... you've been prescribed a medicine for an "off-label" use. Off-label prescribing is when a physician ...
[www.aahr.gov/consumer/ccc042109.htm](#) External Health Links

Search Results - Avastin for AMD

The screenshot shows a search for 'avastin macular degeneration' on MedlinePlus. The search bar contains 'avastin macular degeneration' and the number '60' is displayed. Below the search bar are tabs for 'Drugs & Supplements', 'Videos & Cool Tools', and 'ESPACOR'. The results section shows 'Results 1 - 10 of 12 for avastin macular degeneration'. The first five results are:

- Areas of Age-Related Change**
of metastatic cancer. However, some ophthalmologists are using bevacizumab for macular degeneration. (For more information, see page 19) A nationwide ...
[www.nlm.nih.gov/...avastin/articles/articles07jg10-13.html](#) MedlinePlus Magazine
- Treatment Options for Wet AMD** (Macular Degeneration Partnership)
... significantly cheaper than Lucentis or Macugen. Use of Avastin for wet macular degeneration has become very common. Some doctors choose it exclusively, others treat with Lucentis and then switch to Avastin. [read more](#) ... Eylea Developed by Regeneron, EYLEA [www.aao.org/treatment-options-for-wet-amd](#) External Health Links
- Medicare Benefits and Your Eyes** (Prevent Blindness America)
... B covers treatment for beneficiaries with age-related macular degeneration, including Lucentis, Avastin, aflibercept, pegaptanib, and ocular photodynamic therapy with verteporfin (...)
[www.preventblindness.org/medicare/benefits-and-your-eyes](#) External Health Links
- Clinical Trials for Wet AMD** (Macular Degeneration Partnership)
therapy is the current standard treatment for wet macular degeneration and consists of injections of Lucentis, Avastin or Eylea. This is a double masked study ...
[www.aao.org/research/clinicaltrials-for-wet-amd](#) External Health Links
- Bevacizumab Injection**
use for the benefit found in most cases. Bevacizumab is also sometimes used to treat wet age-related macular degeneration (AMD), an ongoing disease of the eye that ...
[www.nlm.nih.gov/medlineplus/druginfo/med/a07001.html](#) Drugs and Supplements

ClinicalTrials.gov

Technique: Go to site directly or from home page tab.

The screenshot shows the ClinicalTrials.gov website. It features a navigation bar with 'Health Topics', 'Drugs & Supplements', and 'Videos & Cool Tools'. The main content area includes a 'Medical Dictionary' section with a search bar, a 'Popular Searches' section listing terms like 'amlodipine', 'colonoscopy', 'gabapentin', 'hypertension', and 'lisinopril', and a 'Featured Ads' section. A 'Clinical Trials' button is highlighted with a red circle. The right sidebar contains 'Health News' and 'Stay Connected' sections.

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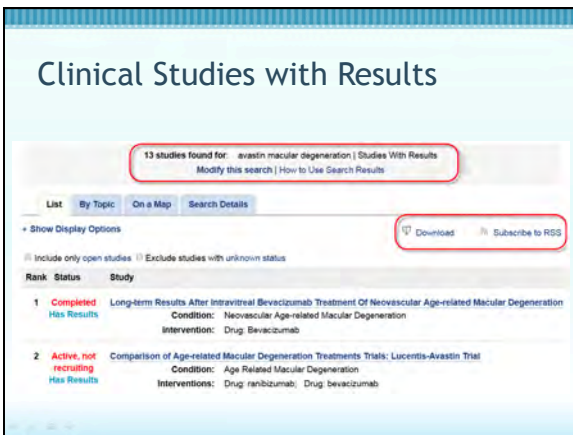
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ClinicalTrials.gov

Technique: Use Advanced Search form; type in key words; use Help link for more tips.



Clinical Studies with Results



In the News

Library user hears about a new study reported in the news, and would like to read the journal article. "Red Meat may Raise Breast Cancer Risk, Study Suggests," June 11, 2014

Technique:

- Glean info from news item – investigator’s last name, journal, topic. Do search in PubMed.gov.



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Clues from the Content

Red Meat May Raise Breast Cancer Risk, Study Suggests

Eating more fish, nuts, poultry may help, but findings don't prove cause and effect.

Wednesday, June 11, 2014

TUESDAY, June 10, 2014 (HealthDay News) — Women who ate the most red meat increased their risk for breast cancer by nearly 25 percent, a 20-year study of nearly 80,000 women suggests.

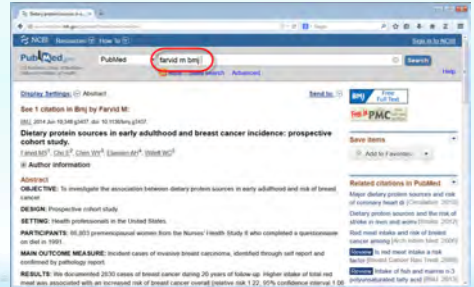
On the flip side, however, replacing a daily serving of red meat with a combination of fish, legumes, nuts and poultry appeared to lower the risk of breast cancer by 14 percent, the researchers said.

“Cutting down processed meat, limiting intake of red meat, and eating early life seems beneficial for the prevention of breast cancer,” lead researcher **Maryam Farvid,** of the Department of Nutrition.

Compared with women who had And each additional daily serving **SOURCES: Maryam Farvid, Ph.D., Department of Nutrition, Harvard School of Public Health, Boston; Slagter, 149 Hospital, New York City; Satya Bose, Ph.D., Yale University Prevention Research Center, New Haven, Conn., June 10, 2014, *BMJ*, online HealthDay**

PubMed.gov Search

Tip: Learn how to search PubMed with short tutorials : <http://www.nlm.nih.gov/bsd/disted/pubmed.html>



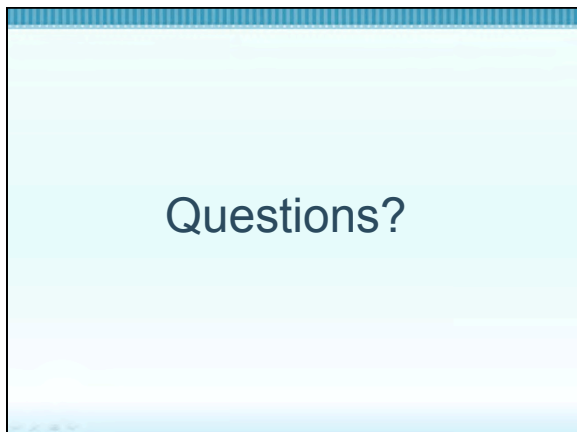
Go Exploring!

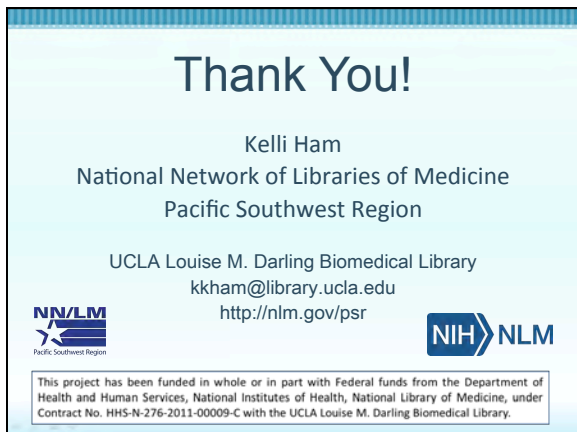
- Every Health Topics Table of Contents has six sections
- Not every category will be on every page
- Also Spanish and other languages



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