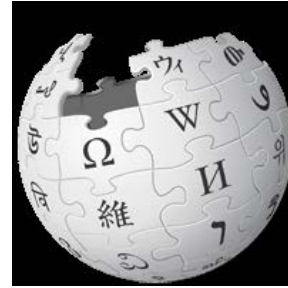


PubMed, Google,



, and



How to Help with Research Questions

Margaret Tarpley
Vanderbilt University Department of Surgery

ARCS—Orlando
Surgery Education Week
25 April 2013





We all use and love Google

I Google every day—multiple times!

But I'm hunting cheap air tickets or hotels
or medical school phone numbers



Where can we find reliable
information related to clinical practice
or medical education?

??????? Name some possibilities



Turabian: *A Manual for Writers*, 8th ed.
University of Chicago Press, 2013.



- Libraries
- Internet



Libraries

ILL—Inter-Library Loan—Ask for any book or article when your library doesn't have what you need



Internet



Where on the Internet?

- Google
- Wikipedia
- Google Scholar
- PubMed
- Web sites by reputable institutions



A Research Safari— Where *is* that article I need???

Full text!!!

Up-to-date!!!

Evidence-based!!!



Topic – Where to start?



?



Wikipedia?



Wikipedia is reliable but not scholarly—if you just need general information, it's OK, but should not be substituted for evidenced-based, peer-reviewed material such as articles on PubMed or other scholarly databases or major texts such as Sabiston or ACS or Web material such as SCORE





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emedicine.medscape.com/article/775630-overview

Jan 25, 2010 – This **article** reviews the pathophysiology, evaluation, and treatment of ... An indirect **inguinal hernia** follows the tract through the inguinal canal.

Inguinal Hernia

www.healthandyoga.com > ... > [Read Yoga Articles](#) > [Therapy Articles](#)

Inguinal hernias are protrusions of soft tissue, such as a portion of the intestine, through a weak ... Anyone can have an **inguinal hernia**. ... [Read Yoga Articles](#) ...

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www.nlm.nih.gov/medlineplus/ency/article/000960.htm

Incisional hernia can occur through a scar if you have had abdominal surgery in the past. **Inguinal hernia** appears as a bulge in the groin. This type is more ...

LAPAROSCOPIC VERSUS OPEN REPAIR OF INGUINAL HERNIA

www.laparoscopyhospital.com/snehal.htm



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This review **article** aimed to compare laparoscopic versus open Laparoscopic hernia repair. Key words: Laparoscopic **inguinal hernia** repair, Hernioplasty, ...

Inguinal hernia - Wikipedia, the free encyclopedia

en.wikipedia.org/wiki/Inguinal_hernia

Main **article**: **Inguinal hernia** surgery. Surgical incision in groin after **inguinal hernia** operation. Surgical correction of **inguinal hernias** is called a hernia repair.

BMC Surgery | Full text | Surgical physiology of inguinal hernia ...

www.biomedcentral.com/1471-2482/3/2

Many patients with **inguinal hernia** are cured as a result of current techniques of ... 2003 Desarda; licensee BioMed Central Ltd. This is an Open Access **article**: ...

Inguinal Hernia - Yahoo! Directory

dir.yahoo.com/Health/Diseases_and_Conditions/Inguinal_Hernia/

User-edited **article** about **inguinal hernia**, the protrusions of abdominal cavity contents through the inguinal canal. Includes origin, clinical presentation, diagnosis

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Biomedcentral 2003

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[Sutureless repair of inguinal hernia](#)

Al Gilbert - *The American Journal of Surgery*, 1992 - Elsevier

Abstract Sutureless repair is successful for all but the largest of indirect **inguinal** hernias. After reduction of the peritoneal sac, the presenting indirect component of the **hernia** is immediately resolved by placement of a polypropylene mesh through the internal ring. ... Cited by 378 - [Related articles](#) - [All 8 versions](#)

1992

[CITATION] [Inguinal hernia repair in adults](#)

V Schumpelick, KH Treutner... - *The Lancet*, 1994 - [thelancet.com](#)

... **Inguinal hernia** repair in adults. Original Text. Prof V. Schumpelick MD *, KH Treutner MD , G. Arlt MD. Please go to ScienceDirect to view the PDF. References. ... PubMed. 3 V. Schumpelick, Ge Wantz (Eds), **Inguinal hernia** repair., Karger Publishers, Basel ((in press)). 4 In: Cited by 243 - [Related articles](#) - [Cached](#) - [BL Direct](#) - [All 8 versions](#)

1994

[Open mesh versus laparoscopic mesh repair of inguinal hernia](#)

L Neumayer, A Giobbie-Hurder... - ... *England Journal of ...*, 2004 - *Mass Medical Soc*

Of the 2164 patients who were randomly assigned to one of the two procedures, 1983 underwent an operation; two-year follow-up was completed in 1696 (85.5 percent). Recurrences were more common in the laparoscopic group (87 of 862 patients [10.1 percent]) than in the open ... Cited by 475 - [Related articles](#) - [BL Direct](#) - [All 24 versions](#)

[Comparison of conventional anterior surgery and laparoscopic surgery for inguinal-hernia repair](#)

MSL Liem, Y van der Graaf... - ... *England Journal of ...*, 1997 - *Mass Medical Soc*

Six patients in the open-surgery group but none in the laparoscopic-surgery group had wound abscesses (P = 0.03), and the patients in the laparoscopic-surgery group had a more rapid recovery (median time to the resumption of normal daily activity, 6 vs. 10 days; time to the return to ... Cited by 417 - [Related articles](#) - [BL Direct](#) - [All 10 versions](#)

2004

[Infection in inguinal hernia repair considering biomaterials and antibiotics.](#)

Al Gilbert, LL Felton - *Surgery, gynecology & obstetrics*, 1993 - [ukpmc.ac.uk](#)

Synthetic biomaterials have been incriminated for promoting wound infection. Perioperative antibiotics have received praise for reducing the rate of infection after certain operations. These claims were tested in a cooperative multicenter prospective study of 2,493 **inguinal** ... Cited by 168 - [Related articles](#) - [Cached](#) - [BL Direct](#) - [All 4 versions](#)

1993

Third time is charmed!



Yes!!!!!!





Smith AA, Subject or Key Word



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- Organizations such as the American College of Surgeons or Ford Foundation
- Respected experts
- Government sites



Discussion

