

Wilson Dental Library

Orientation Part 2: Library Resource Selection

Jennifer Silverman, MLIS

Information Services Librarian, Wilson Dental Library

jas84961@usc.edu

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The logo for USC Libraries, featuring the text "USC Libraries" in a serif font. "USC" is in a bold, yellow-gold color, and "Libraries" is in a dark red color. The text is set against a solid dark red rectangular background.

USC Libraries

Agenda

- Learning need packet requirements
- Library resources & search demonstrations
- Dental and PBL research guides
- Citing and evaluating sources

Learning Objectives

The logo for USC Libraries, featuring the text "USC Libraries" in a serif font. "USC" is in yellow and "Libraries" is in white, both set against a dark red rectangular background.

By the end of this presentation, students will be able to:

- Construct a search of ebook collections to find information to address PBL learning needs.
- Use PBL research guides to identify relevant resources for PBL cases and learning needs.
- Locate full-text articles in PubMed@USC via Findit@USC.
- Evaluate resources to determine inclusion/exclusion in LN packet.

Learning Need (LN) Requirements

1. Summary

Summarize your LN and the information you gathered about your LN. Write in your own words.

2. Patient Analysis

Summarize the patient information given in the case.

3. Ideas/Hypotheses

Idea #: State the idea(s) assigned in your learning need.

Valid or invalid: State if the ideas is valid or invalid based on the evidence you reviewed. Explain why based on the evidence.

4. Content

Copy and paste content from textbooks, scholarly articles, and appropriate websites to validate your ideas. Include relevant pictures, tables, etc. Use in-text citations. This content is taken directly from the source and is NOT in your own words. This is for your colleagues to read, synthesize, and interpret for themselves.

5. References

List all references for content by using the format provided by Ostrow Faculty.

END with sections 1-3, which is written in your own words based on the information you found.

START with sections 4 & 5 to gather references & information.

Library Resources

- **USC Libraries catalog** - find books/ebooks & journals
- **Ebook collections** (Access Medicine, Clinical Key, Stat!Ref, R2 Library)
- **Clinical tools** (UpToDate, Lexicomp for Den)
- **Databases to find articles** (e.g. PubMed) - won't use articles much for PBL

Popular Resources:

Access Medicine

BoardVitals

ClinicalKey

Dental Research Guides

Lexicomp for DEN

PubMed@USC

R2 Library

Stat!Ref

UpToDate

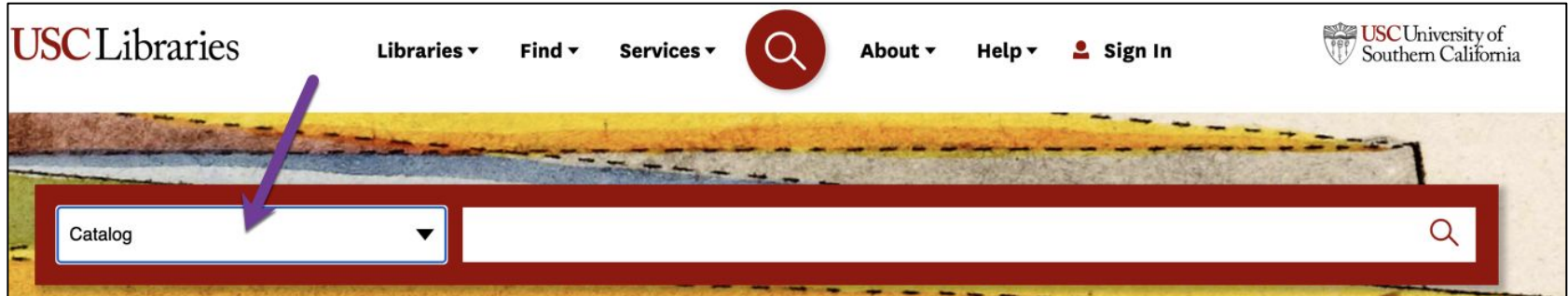
VisualDx

Dentistry & Oral Sciences

Source (DOSS)

Library catalog search

- Search here to find ebooks, print books, databases, & journals
- Search for specific titles, topics, authors
- Find location of physical items/links to online content



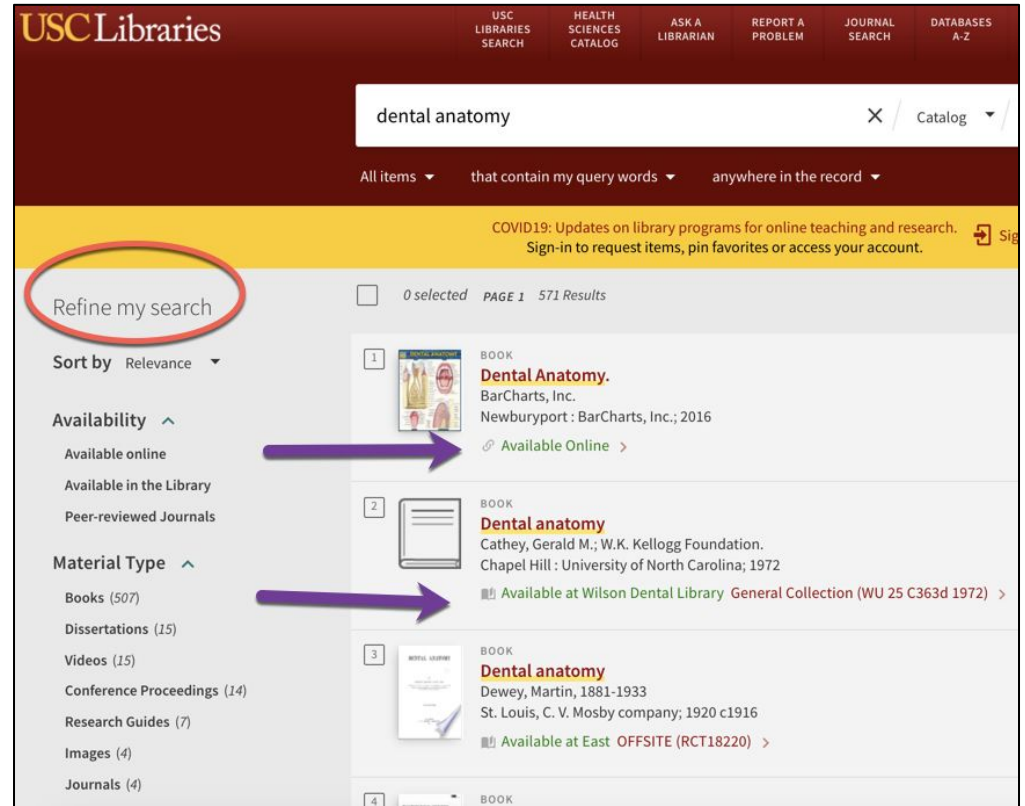
Library catalog

Refine my search:

- Availability
- Date
- Material type (e.g. book, journal)
- Subject

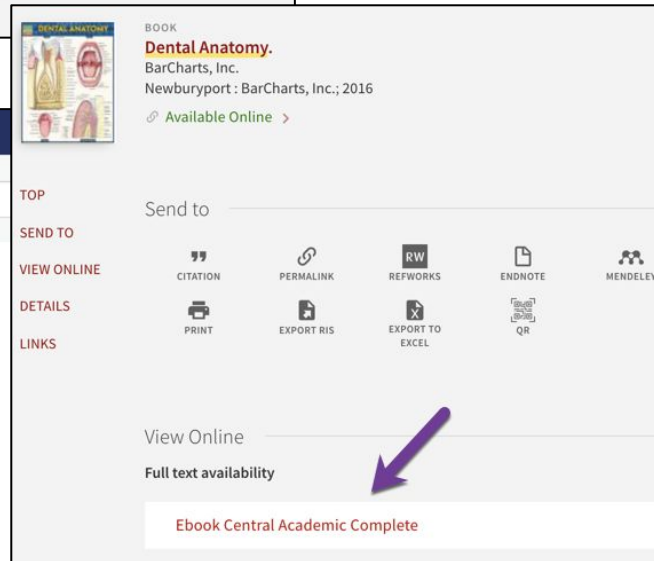
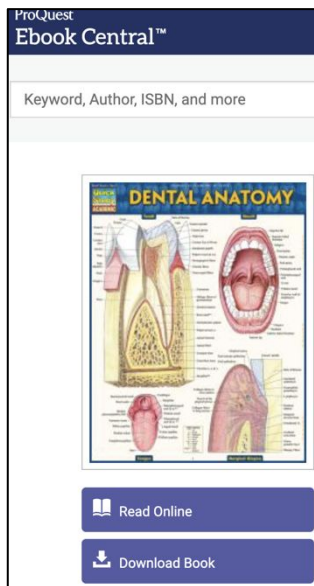
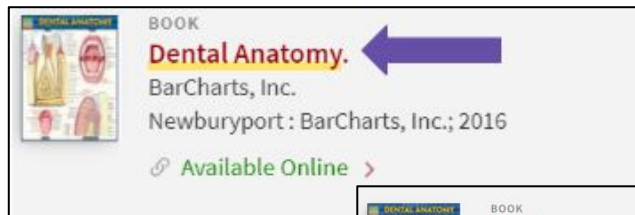
See item availability:

- Available online
- Available at Wilson Dental Library



Viewing ebooks

- Click on title of book in catalog results
- Click link under “View Online”
- Sign in with USC Net ID & password to access ebook
- Some (but NOT all) ebooks permit chapter PDF downloads



to 180 days.

[Download PDF Chapter](#)
Get up to 2 pages, use any PDF software, does not expire.

Knowledge Check

True or False...

When searching in the catalog, click on “Available online” to view ebooks only.

Access Medicine

- Features general biomedical & medical topics
- Browse by topic or search by keyword
- Good for anatomy, diseases, lab results, drug info, quizzes
- Popular book in this collection:
 - *Harrison's Principles of Internal Medicine*

The screenshot shows the Access Medicine website. At the top, the logo "ACCESS Medicine" is displayed, with "ACCESS" in blue and "Medicine" in black. To the right of the logo, it says "Access Provided by: USC Norris Med Library". Below the logo is a navigation bar with links: Books, Quick Reference, Drugs, Multimedia, Cases, Study Tools, Patient Ed, and Hospital Corner. Below this is a search bar with the text "AccessMedicine" and "Search AccessMedicine". To the right of the search bar is a magnifying glass icon and the text "About Search".

The main content area is titled "Books". On the left, there is a "Library" dropdown menu with the following options: Anesthesiology, Basic Science, Anatomy, Biochemistry, Epidemiology, Biostatistics, and Medical Research, Histology, Microbiology, Pathology, and Pathophysiology. The "Anatomy" option is currently selected.

To the right of the "Library" menu is a "Textbooks" section. It has a "Tools" dropdown menu and a "Grid" button. Below this, the section is titled "Anatomy". There are two book covers displayed:

- The Big Picture: Gross Anatomy, 2e** by David A. Morton, K. Bo Foreman, Kurt H. Albertine. The cover is blue and white with the text "GROSS ANATOMY" and "The Big Picture".
- Clinical Neuroanatomy, 28e** by Stephen G. Waxman. The cover is black and red with the text "CLINICAL NEUROANATOMY" and "LANGE".

ClinicalKey

- Features broad coverage of biomedical, medical & dental topics
- Browse by topic or search by keyword
- Includes books, journal articles & more
- A popular book in this collection:
 - ☐ *Diagnosis & Treatment Management in Dentistry*

The screenshot displays the ClinicalKey website. At the top, the Elsevier logo and 'ClinicalKey' brand name are visible. A search bar with a dropdown menu set to 'All Types' and a 'Search' button is present. Below the search bar, there are links for 'Browse' and 'Tools'. The main content area is titled 'Browse Books'. On the left, a 'Filter By:' sidebar lists various specialties with corresponding book counts: Dentistry (11), Advanced Basic Science (20), Advanced Practice Nursing (1), Allergy and Immunology (10), Anatomy (41), Anesthesia (36), and Biochemistry (4). There is a 'Clear all' button and a 'Subscribed Content' toggle. The main list of books is filtered by title and shows a list of dental and medical texts, including 'Clinical Review of Oral and Maxillofacial Surgery', 'Cohen's Pathways of the Pulp', 'Color Atlas of Dental Implant Surgery', 'Endodontics: Principles and Practice', 'Esthetic Dentistry: A Clinical Approach to Techniques and Materials', 'Handbook of Local Anesthesia', 'Mosby's Dental Drug Reference', and 'Oral and Maxillofacial Surgery'.

ClinicalKey

All Types Type your search Search

Browse Tools

Browse Books

Filter By:

[Clear all](#)

Specialties

- ☒ Dentistry 11
- ☐ Advanced Basic Science 20
- ☐ Advanced Practice Nursing 1
- ☐ Allergy and Immunology 10
- ☐ Anatomy 41
- ☐ Anesthesia 36
- ☐ Biochemistry 4
- [+ More Specialties](#)

☐ 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

- [Clinical Review of Oral and Maxillofacial Surgery](#)
- [Cohen's Pathways of the Pulp](#)
- [Color Atlas of Dental Implant Surgery](#)
- [Endodontics: Principles and Practice](#)
- [Esthetic Dentistry: A Clinical Approach to Techniques and Materials](#)
- [Handbook of Local Anesthesia](#)
- [Mosby's Dental Drug Reference](#)
- [Oral and Maxillofacial Surgery](#)

Stat!Ref-TDS Health

- Best coverage of dentistry topics
- Small collection but very relevant results
- Browse by topic or search by keyword
- A popular book in this collection:
 - *Seltzer and Bender's Dental Pulp*

The screenshot displays the Stat!Ref-TDS Health web interface. At the top, a blue header bar contains the 'tds health' logo, navigation links for 'Resources', 'Titles', and 'Profile', and a 'Provided by: USC-Norris Medical Library' notice. A search bar on the right shows the query 'oral prophylaxis' with a microphone icon and a search button. Below the header, a light orange banner displays 'Your result: oral prophylaxis'. A filter sidebar on the left includes a 'FILTER BY' section with 'Dentistry' selected, a 'DATE RANGE' section with 'All Years' selected, and a 'RELATED TO' section with checkboxes for 'Indications', 'Diagnosis', 'Treatment', 'Recent Trials', 'Algorithms', and 'Prognosis'. The main content area features a horizontal menu with 'All', 'Images', 'Media', 'Alerts', 'News', and 'More'. Below this, two search results are visible. The first result is 'Chapter 5. The First Diagnostic Appointment' with a snippet about restorations failing due to caries progression and a citation to Stewart's Clinical Removable Partial Prosthodontics (2008). The second result is 'Chapter 16. Are antibacterials necessary in caries prophylaxis?' with a snippet about functional films and a citation to Dental Caries: The Disease and Its Clinical Management (2015). A 'Page 1 of 23' indicator and a 'Next Page >>' button are located at the bottom right of the results area.

R2 Library

- Features broad coverage of biomedical, medical & dental topics
- Browse by topic or search by keyword
- A popular book in this collection:
 - ☐ *Oral Pathology: Clinical Pathological Correlations*

The screenshot shows the R2 Library website. At the top, there is a navigation bar with buttons for 'Browse', 'A-Z Index', 'My R2', and 'Reserve Shelf'. To the right of these buttons is a search bar with the placeholder text 'Search content for a drug, publication title, or condition'. Below the navigation bar is a banner area with the text 'Welcome to USC - NORRIS MEDICAL LIBRARY!' and 'Click the "Reserve Shelf" in the left panel below to find all of the board review titles.' The main content area is titled 'Browse by Discipline' and features two columns of links. The left column is labeled 'A - H' and lists links for 'AIDS (4)', 'Allergy (1)', 'Alternative/ Complementary Medicine (6)', and 'Anatomy (12)'. The right column is labeled 'I - O' and lists links for 'Immunology & Serology (4)', 'Infectious Disease (19)', 'Internal Medicine (16)', 'Laboratory Diagnosis (4)', and 'Laboratory Medicine (4)'. A third column on the far right lists links for 'Pain Management', 'Palliative Care', 'Pathology (26)', 'Patient Education', and 'Pediatrics (73)'.

Browse

A-Z Index

My R2

Reserve Shelf

Search content for a drug, publication title, or condition

Welcome to USC - NORRIS MEDICAL LIBRARY!

Click the "Reserve Shelf" in the left panel below to find all of the board review titles.

Include:

☒ Active

☐ Archive

Browse by:

- [Publication Title](#)
- [Discipline](#)
- [Author](#)
- [Publisher](#)

Browse by Discipline

A - H	I - O	P
AIDS (4)	Immunology & Serology (4)	Pain Management
Allergy (1)	Infectious Disease (19)	Palliative Care
Alternative/ Complementary Medicine (6)	Internal Medicine (16)	Pathology (26)
Anatomy (12)	Laboratory Diagnosis (4)	Patient Education
	Laboratory Medicine (4)	Pediatrics (73)

Clinical Tools

■ UpToDate

- ☐ Evidence-based summaries of health topics
- ☐ Use for your own knowledge/background info-

Do not cite this in your LN packet!

- ☐ Cite the original source
- ☐ Good for finding clinical practice guidelines

■ Lexicomp for Den

- ☐ Drug info
- ☐ “Effects on dental treatment” section
- ☐ **You can cite this in your LN packet!**



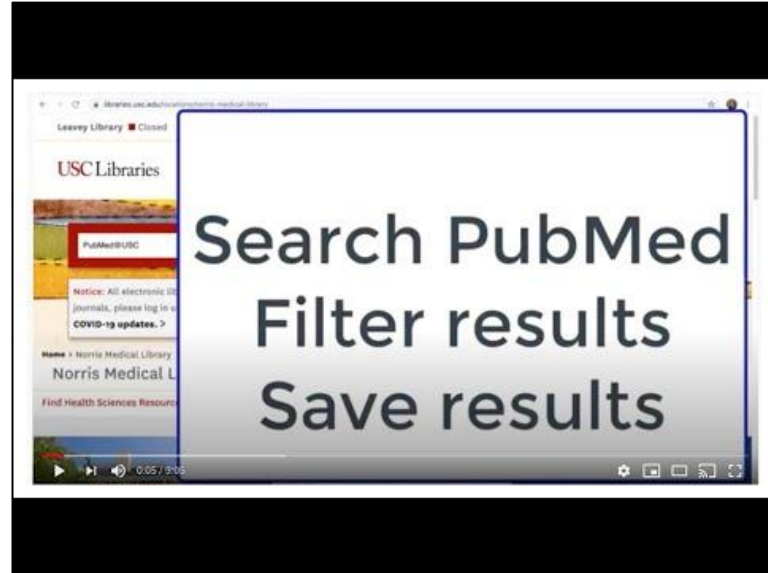
Knowledge Check

True or False...

The links to Access Medicine and other ebook collections can be found in the “Popular Resources” box on the WDL homepage.

PubMed

- Useful for finding journal articles, systematic reviews, clinical guidelines
- Won't use articles much for PBL



[PubMed Basic Search](#) tutorial

FindIt@USC

- Look for the **“Find It @ USC”** button to access full-text articles through USC Libraries subscriptions



[Get Full Text Articles Using Find it @ USC tutorial](#)

Research guides

- Research guides are web pages created by USC Librarians
- List of all [Dentistry guides](#)
- Many helpful research guides for PBL students

[ADNT 701 Research Guide](#) ⓘ

[Dental Advanced Specialty & Online Programs](#) ⓘ

[Dental Anatomy, Head & Neck, and Histology](#) ⓘ

[Dental Clinicians](#) ⓘ

[Dental Residents CV & Personal Statement Writing](#) ⓘ

[Diagnostic & Laboratory Testing](#) ⓘ

[Dr. Sonia Kaur Everest Children's Dentistry Book Collection](#) ⓘ

[Evidence-Based Dentistry](#) ⓘ

Research guides-PBL

- Start at WDL homepage
<https://libraries.usc.edu/wdl>
- Click **PBL Students** link under “Resources For”
- PBL Guides include:
 - ☐ Links to ebook collections & catalog
 - ☐ List of relevant ebooks
 - ☐ Search tips, keywords & videos



[Navigating PBL Guides](#) tutorial

Learning Needs Steps: Use PBL guides

1. Search **ebook collections** (Access Medicine, Clinical Key, Stat!Ref, R2 Library) using keywords for your learning need.
 - a. Some sample keywords are listed on the **Keywords** page.
2. Search within the specific textbooks listed on the **Textbooks** page.
3. Search the **library catalog** for additional textbooks if needed.
4. For some cases, you may have to search for additional articles and information using the resources listed on the **Databases** and **Articles & Websites** pages.

Knowledge Check

True or False...

The easiest way to find the PBL Research Guides is to use the “Search Everything” bar.

Evaluating sources

- Is your source....
 - ☐ peer-reviewed?
 - ☐ timely?
 - ☐ objective?
 - ☐ authoritative?
 - ☐ relevant?

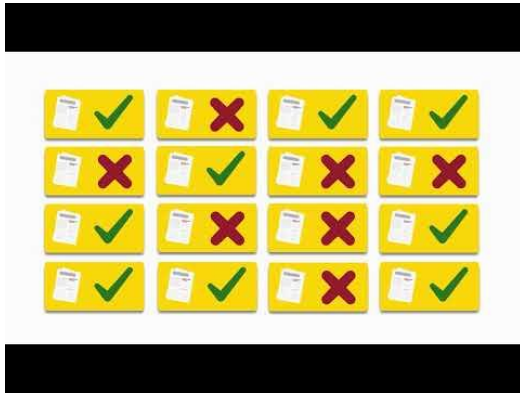


- **Consider these factors when deciding if a resource is appropriate to use for your assignment**

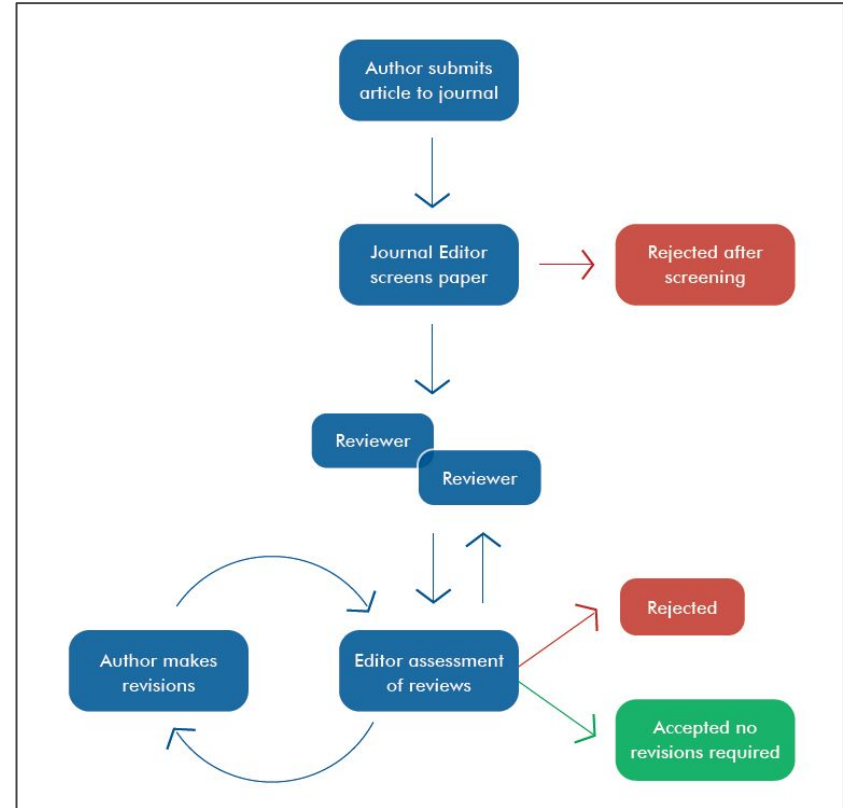
Peer-review

Peer-reviewed articles and journals have been thoroughly vetted by experts in the field

- [Ulrichsweb](#) – if marked “yes” for “refereed” the journal is peer-reviewed.



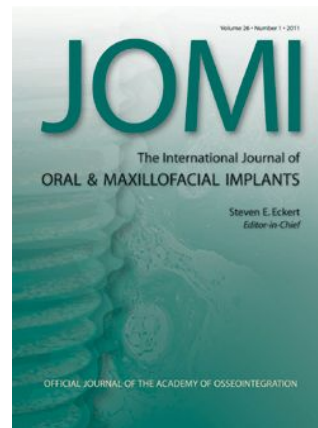
Peer-Review Process



Journal types

- Scholarly or Peer-Reviewed
 - ☐ Rigorous Peer-Review, author's credentials listed, post-graduate reading level
 - ☐ Great sources for specific information
- Trade
 - ☐ professional journals –articles are related to specific profession, authorship varies
- Popular
 - ☐ Magazines, newspapers – lots of ads and shorter articles

Is it peer-reviewed?



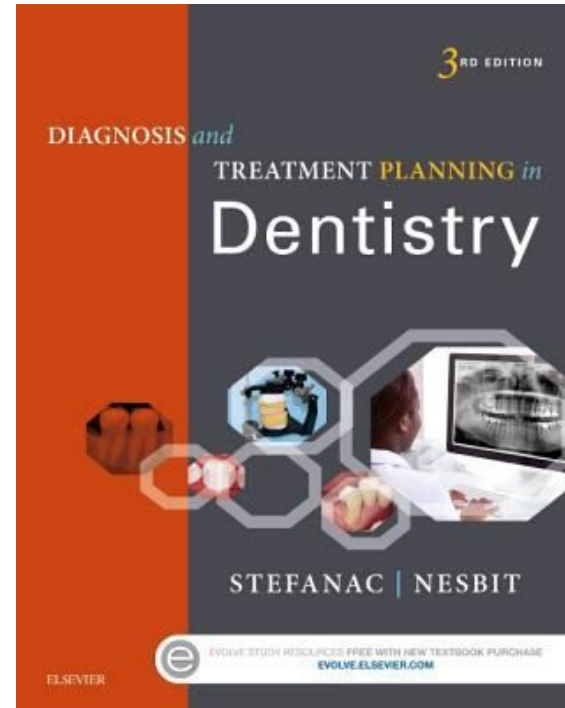
Less reliable

to

Most reliable

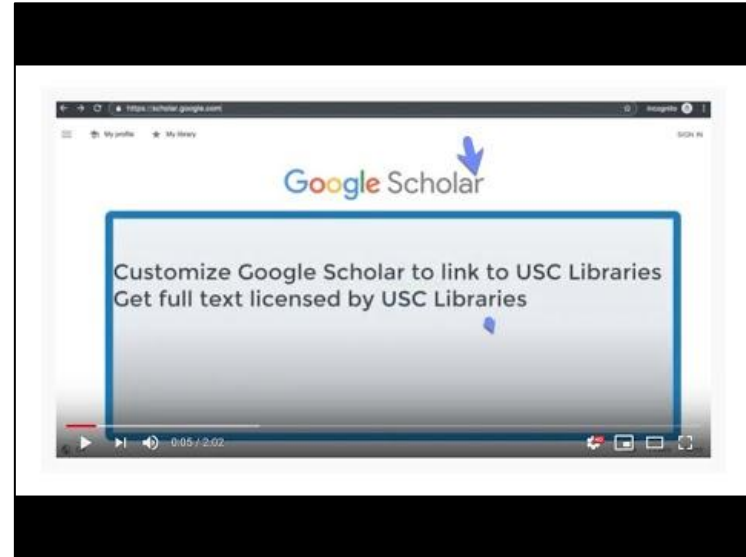
Scholarly books

- Similar characteristics of scholarly journals
- Published by academic presses or other reputable publishers
- NOT self-published
- Great resources for broad or background information



Google Scholar

- Able to “Customize for USC Libraries”
- Be careful - make sure to only cite peer-reviewed books & articles
- **Not the best resource for PBL**



[Customize Google Scholar for USC Libraries](#)

Which websites are reliable?

- Government-sponsored websites (nih.gov, cdc.gov, fda.gov)
- Professional dental or medical societies (ADA, CDA, AMA)
- *Some* academic medical websites (.edu) – always check with your facilitator

ADA American Dental Association®

America's leading advocate for oral health

Evaluating Consumer health websites

- Use for your own knowledge building or background information
- Learn about a concept & identify relevant search terms
- **Do not cite in your LN packet!**



Evaluating Wikipedia

- Use for your own knowledge building/ background information
- Learn about a concept & identify relevant search terms
- View references (bottom of page) for more sources on topic
- **Do not cite in your LN packet!**




WIKIPEDIA
The Free Encyclopedia

Timeliness

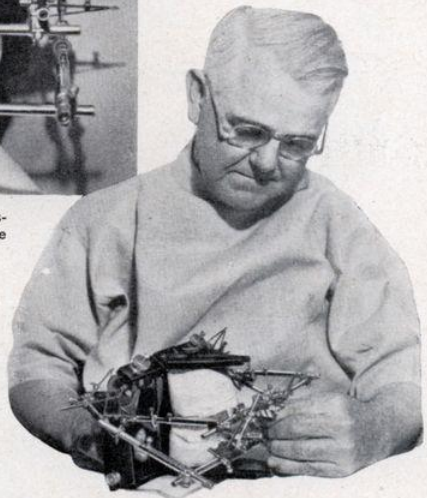
- How old is the publication?
- Have there been major changes or developments since it was published?

Device Takes Measure of the Teeth



Fitted to a patient's jaws, the "gnathograph" registers the arrangement of teeth and direction of bite

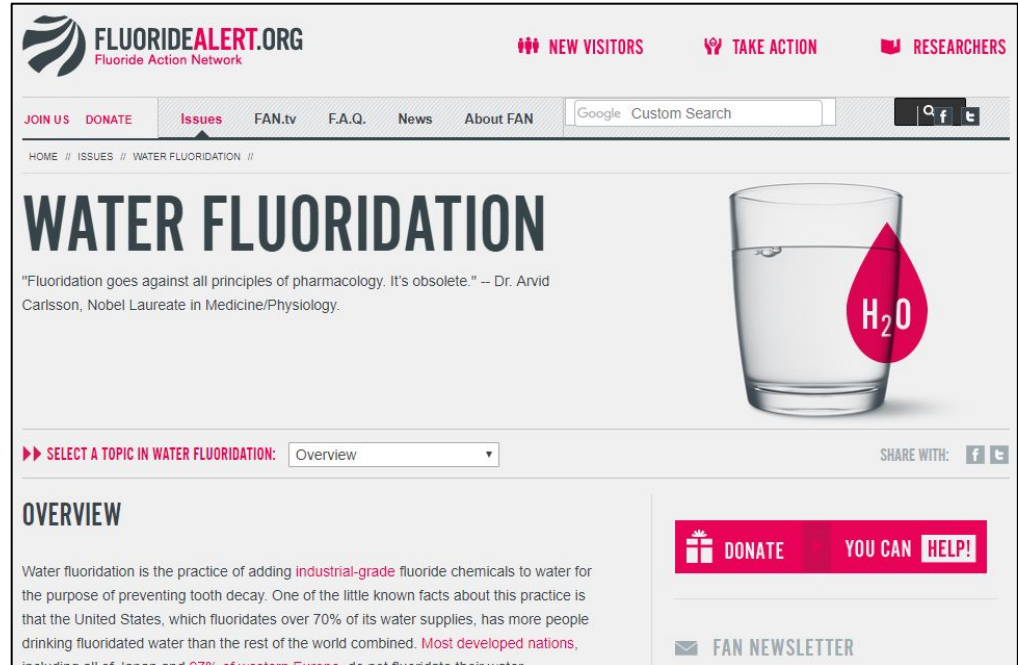
WITH the aid of the "gnathograph," an instrument as mouth-filling as its name, a dentist's patients may now be assured of a perfect fit for artificial teeth. Fitted to the jaws as shown above, the new device registers the arrangement of the teeth and the direction of the "bite," to guide the dentist in straightening teeth or fitting inlays, crowns, bridges, and plates. Its inventor, Dr. Beverly B. McCollum of Los Angeles, Calif., demonstrates in the picture at the right how the instrument is then mounted for use in tooling a plate to just the right shape to give the most comfortable fit in the mouth.



The device then serves as a guide in making plates

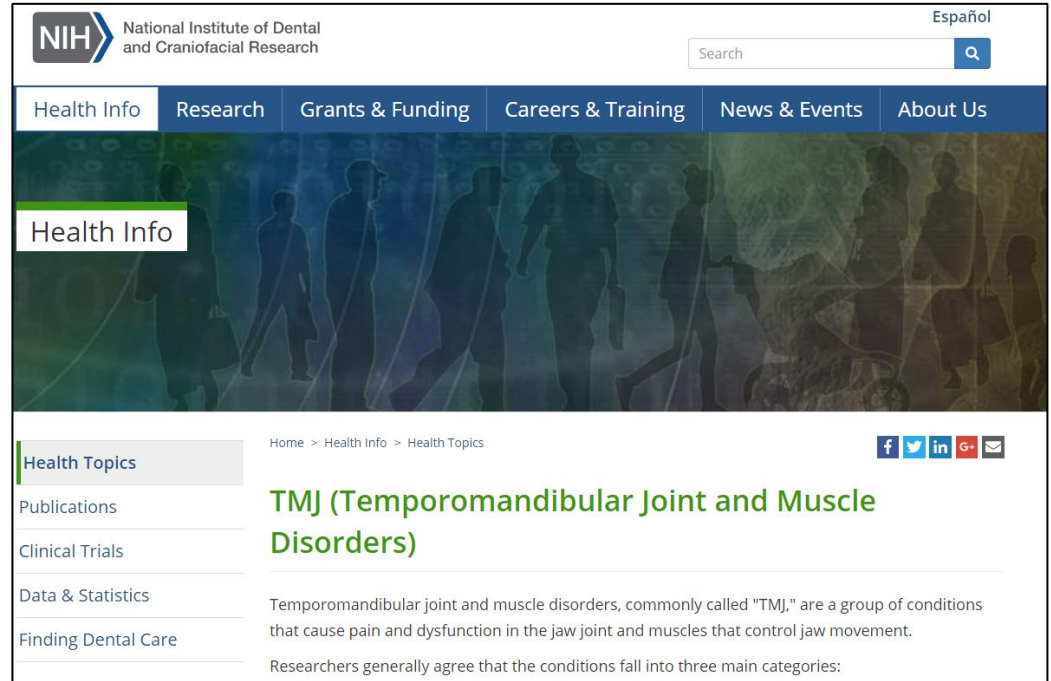
Objectivity

- Is there any bias?
- Was the research funded by a corporation or other invested party?
- Are they trying to sell you something?



Authority

- Is the author:
 - ☐ an authority on the topic?
 - ☐ from a reputable institution?



The screenshot shows the NIH National Institute of Dental and Craniofacial Research website. The header includes the NIH logo, the full name of the institute, a search bar, and a language selector for "Español". A navigation menu contains links for Health Info, Research, Grants & Funding, Careers & Training, News & Events, and About Us. The main content area features a large banner image of diverse people silhouettes. Below the banner, the "Health Info" section is active, displaying a sidebar with links to Health Topics, Publications, Clinical Trials, Data & Statistics, and Finding Dental Care. The main content area shows the title "TMJ (Temporomandibular Joint and Muscle Disorders)" in green, followed by a paragraph explaining that these conditions cause pain and dysfunction in the jaw joint and muscles. It also mentions that researchers generally agree on three main categories.

NIH National Institute of Dental and Craniofacial Research

Español

Search

Health Info Research Grants & Funding Careers & Training News & Events About Us

Health Info

Home > Health Info > Health Topics

Health Topics

Publications

Clinical Trials

Data & Statistics

Finding Dental Care

TMJ (Temporomandibular Joint and Muscle Disorders)

Temporomandibular joint and muscle disorders, commonly called "TMJ," are a group of conditions that cause pain and dysfunction in the jaw joint and muscles that control jaw movement.

Researchers generally agree that the conditions fall into three main categories:

Relevance

- Is it relevant to your topic?
- Quality resources should be relevant AND meet criteria for:
 - ☐ Timeliness
 - ☐ Objectivity
 - ☐ Authority



Home / Home Remedies / 11 Weird Home Remedies for Cavities that Actually Work

11 Weird Home Remedies for Cavities that Actually Work

As someone who is passionate about dental health and hygiene, it is important to me to share the knowledge I have with others. That is why I have compiled a list of home remedies for cavities for you to turn to for advice. Keeping your teeth in tip top shape is important for long lasting dental health and a healthy smile. Turning to home remedies for cavities is not only easy, but gentle and highly effective ways to heal cavities naturally.

Remember....

To be successful with your learning need research, you will need to consult multiple books, ebook collections, and other resources.

There is no one perfect source!

PBL & Citing sources

- **Cite all your sources!**
- [PBL Citations guide](#)
 - Follow examples created by Ostrow faculty. Email wdl@usc.edu if you need help.
- Additional Citation Resources:
 - [USC Libraries Citation Guide](#)
 - [Crossref](#) - for finding doi
- **Double check citations generated automatically from databases & ebook collections**

Tutorials & Videos

- [WDL Self-Paced Online Orientation](#) - Learn how to navigate the dental library website, search for books, find research guides, and more
- [PBL Resources Video Playlist](#) - A series of short videos how to search for information across multiple health sciences ebooks collections and how to navigate PBL guides
- [Health Sciences Libraries YouTube Playlist](#) - A series of short videos on how to use library resources
- [All USC Libraries Tutorials](#) - Self-Paced tutorials and videos on a variety of topics



USC Libraries

Thanks!

Jennifer Silverman, MLIS

jas84961@usc.edu

Practice on your own

The following slides walk through examples demonstrating each resource.

This is for your own reference.

USC Libraries catalog

- Go to the Wilson Dental Library homepage - <https://libraries.usc.edu/locations/wdl>
- Navigate to the search box at the top of the page and change the drop down menu option to **Catalog**
- 1.) Search for “oral pathology”
 - ☐ **Question:** What types of results are you getting? Books? Journals?
- Use the filters on the left to **limit your results to: books, published between 2010 and 2022**
 - ☐ **Question:** Are these results more relevant?
- 2.) Search for the textbook *Diagnosis and Treatment Planning in Dentistry*
 - ☐ **Question:** Is it available in print? Online? Both?
 - ☐ **Question:** Where can you get the citation for this book?
- Go to the online version of the book.

Click on the link to access this book via Elsevier *Clinicalkey*.

Clinicalkey search

- Review the table of contents for *Diagnosis and Treatment Planning in Dentistry*.
 - **Question:** Which chapter might have information on informed consent?
- Use the search box to **Search this Book** for “informed consent”
 - **Question:** What are the types of chapters with information on informed consent?
- Click on the *Clinicalkey* icon in the upper left corner of the page
- SEARCH for “vital signs.” Using the filters on the left narrow your results to **Books** and narrow your Specialties to **Clinical Examination**
 - **Question:** Do you see any textbooks that are applicable to Verna Williams? (i.e. for generally healthy adults)
- SEARCH for “gingivitis”, narrowing your results to **Books** and Specialties to **Dentistry**
- Review the textbook titles and chapters.
 - **Question:** Are these results relevant?
 - **Question:** Based on these results, do you think *Clinicalkey* is the best resource for dental textbooks?
- Click on the *Clinicalkey* icon in the upper left corner of the page and scroll down to the bottom of the page. Under “Deepen specialty and medical knowledge” click **Books** and view the specialties list.
 - **Question:** How many textbooks on Dentistry are there?
 - **Question:** How many books on Anatomy are there?

Stat!Ref

- Return to the Wilson Dental Library homepage <https://libraries.usc.edu/locations/wdl>
- Under **Popular Resources**, click on **Stat!Ref** (accept the usage terms when prompted)
- Search for “gingivitis”
- Using the filter options on the left, click the dropdown menu for **All Titles** and change to **Dentistry**
 - **Question:** What kind of results are you seeing? What are the textbooks’ subjects?
- Search “oral prophylaxis”
- Using the filter options on the left, click the dropdown menu for **All Titles** and change to **Dentistry**
- Select one of the first results.
 - **Question:** Can you export the citation for this resource? If so, where is it?
- Go back to the Results page. Above the search bar, click on **Titles** then select **Dentistry** from the dropdown menu.
- Scroll to the **O** section and select **Oral & Maxillofacial Pathology**
 - **Question:** Can you find a section on salivary gland neoplasms?

Hint: You can search within the text or browse the table of contents.

Access Medicine

- Return to the Wilson Dental Library homepage <https://libraries.usc.edu/locations/wdl>
- Under **Popular Resources** click on **Access Medicine**
- Search “inflammation”; use the filter on the left to limit results to **book chapters** and click the **Update** button.
 - **Question:** In the results, what are the book topics?
- Click on the Access Medicine logo in the upper left corner.
- Click on the image for *Harrison’s Principles of Internal Medicine* (just below the search bar)
 - **Question:** Can you find a chapter on pneumonia (an infectious disease)?
 - **Question:** Does Access Medicine create citations for you? If so, where?
- Above the search bar, click **Books** then click **Library** from the drop-down menu. On the left, select **Basic Science**.
 - **Question:** How many textbooks related to pathophysiology are there?

R2 Library

- Return to the Wilson Dental Library homepage - <https://libraries.usc.edu/locations/wdl>
- Under **Popular Resources** click on **R2 Library**
- Click **Browse** and find a book about “Laboratory Diagnosis/Tests”
- Select a book and find a chapter on “Complete Blood Count” by using the **Browse/Search this Title** filter above the book title.
- Next, using the search bar at the top of the page, search for “gingival pigmentation”
- Use the filters on the left to narrow your results by **Practice Area** to **Dentistry**
 - **Question:** Can you search within these textbooks? If so, where?

Research guides

- Return to the Wilson Dental Library homepage
<https://libraries.usc.edu/locations/wdl>
- Under **Resources For** select **PBL Students**
- Navigate to the **Verna Williams Research Guide**
 - Take a look at some of the non-textbook resources here
 - **Question:** Where can you read the Ostrow Clinic Manual?

Lexicomp

- Return to the Wilson Dental Library homepage
<https://libraries.usc.edu/locations/wdl>
- Under **Popular Resources**, click on **Lexicomp for DEN**
- In the search box, enter “Warfarin” and click Search.
- Click on Warfarin under **Dental Lexi-Drugs**.
- Using the Navigation Tree on the left, scroll down to **Effects on Dental Treatment**. Explore the other sections.
 - **Question:** Is there a section describing this drug’s mechanism of action? Is there a section on Drug Interactions?