Dentistry Year 1
Library Orientation

24 Aug 2018

Dr Amy Chou
Medical Resource Librarian
Outline

• Introduction to NUS Libraries
  • Library Facilities / Services / Resources

• Useful tools
  • Proxy Bookmarklet
  • Find it! @NUS Libraries with Google Scholar

• Useful information
  • Copyright
  • Installing EndNote

• Introduction to PubMed
  • Formulating a search strategy
  • Basics of database searching
NUS Libraries: 8 libraries 1 system

- CENTRAL LIBRARY
  - Faculty of Science
  - Yong Siew Toh Conservatory of Music
  - Business School

- CHINESE LIBRARY
  - Departments using Chinese and Japanese resources

- C J KOH LAW LIBRARY
  - Law Faculty

- MEDICAL LIBRARY
  - Faculty of Dentistry
  - Yong Loo Lin School of Medicine
  - Saw Swee Hock School of Public Health
  - Alice Lee Centre for Nursing studies
  - Department of Pharmacy, FoS

- MUSIC LIBRARY
  - Yong Siew Toh Conservatory of Music

- EAST ASIAN INSTITUTE LIBRARY
  - EAI staff only

- HON SUI SEN MEMORIAL LIBRARY
  - Business School

- SCIENCE LIBRARY
  - Faculty of Science
Medical Library: Brief History

- **1905** - Establishment of the Straits and Federated Malay States Government Medical School.
- **1923** - Medical Library moves to the College of Medicine building.
- **1985** - The medical collection moves to Kent Ridge.
- **2002** - Medical Library is officially designated a WHO Repository Library by the Ministry of Health.
- **2011** – Medical Library moves to Centre for Translational Medicine.
Medical Library: Opening Hours

Mon – Fri:
Term 8am – 10pm
Vacation 8.30am – 6pm

Sat:
Term 10am – 5pm
Vacation Closed

Sun & Public Holiday:
Closed

Check the opening hours of Medical Library at:
https://libportal.nus.edu.sg/frontend/opening-hours-calendar?selectedLib=5
Medical Library: Facilities

E-Resources cluster

Training Room (walk in to use when not booked for training)

Discussion Rooms 1 & 2 (Book online)

Discussion Room 3 (Walk in use)

Study Cubicles

24 Hour Reading Area
Medical Library: Facilities

- Photocopy / Printing / Scanning
- Loans Desk (RBR Collection) *self-service kiosk
- Singapore Malaysia Collection
- Reading lounge: Current Newspapers
- New Books Display
- Pay Fines / Self-Checkout Machine
Enter the libraries

Check your record

Borrow / Renew / Reserve books

Everything E:
Portal / E-Resources / E-forms

Cashcard / Ez link – Photocopy, Print, Pay Fines
## Loan Entitlement

<table>
<thead>
<tr>
<th>Categories</th>
<th>Undergraduate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Loan Entitlement</td>
<td>20 books</td>
</tr>
<tr>
<td>Online Renewals</td>
<td>3 times</td>
</tr>
</tbody>
</table>

## Loan Period

<table>
<thead>
<tr>
<th>Loan Period</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Main Shelve Books</td>
<td>14 days</td>
</tr>
<tr>
<td>RBR Books* (2 books at a time)</td>
<td>2 hours / Overnight</td>
</tr>
<tr>
<td>Bound Periodicals</td>
<td>Not applicable</td>
</tr>
</tbody>
</table>
Library Portal

Searching for books, articles & more!

Important Links & Information

News & Events @ NUS Libraries

Library Opening Hours & Calendars
Library Portal: Search All

- Searches books, Media, eBooks, journal articles, newspaper articles, online thesis & more
- Covers most of our articles & E-Resources
Library Portal: **Search Books & Media**

- Good for known item search
- Covers books, DVDs, music scores
- **Cannot** be used for searching individual journal or newspaper articles
**Title**: Evidence-Based Implant Dentistry [electronic resource] / edited by Oreste Iocca.


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**Online access via:**
- NUS Libraries  
- SpringerLink E-Books

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**Descrip.** 1 online resource (XI, 248 pages) : 186 illustrations, 160 illustrations in color.

**Descrip.**
- text txt rdcontent
- computer c rdmedia
- online resource cr rdcarrier
- text file PDF rda

**Contents**
- Introduction to Evidence-Based Implant Dentistry
- Basics of Biostatistics
- Teeth or Implants? -- Bone Response to Implants
- Implant Placement and Loading Time
- Implant Design and Implant Length
- Platform Design
- Implant Abutments
- Implant Prosthodontics
- Materials Used in Pre-implant Surgery
- Reconstructive Surgery Techniques
- Peri-Implantitis.

**Summary**
This book covers all aspects of implant dentistry, presenting up-to-date information that reflects the
Reserve a Book

Click here to request book

**Reserve a Book**

**Title**
Evidence based dentistry / Mark V. Thomas, DMD guest editor.

**Imprint**

<table>
<thead>
<tr>
<th>LOCATION</th>
<th>CALL #</th>
<th>STACK#</th>
<th>STATUS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Medical Library Closed Stacks</td>
<td>RK1 Dcna 53/1 2009</td>
<td>M21728</td>
<td>REQUEST ITEM</td>
</tr>
</tbody>
</table>

**Descrip.**

xv, 168 p. : ill. ; 24 cm.

**Series**

Dental clinics of North America, 0011-8532 ; v. 53, no. 1

**Steps**

- **a.** Click on Request
- **b.** Enter Matric no. & Library PIN
  - Click “Request Selected Item”
Check Your Library Account: MyLINC

RENEW ONLINE (Up to 3 times)

Modify your PIN
0 requests (holds).
Search the Catalog
Preferred Searches
My Reading History

### 4 ITEMS CHECKED OUT

<table>
<thead>
<tr>
<th>RENEW</th>
<th>TITLE</th>
<th>BARCODE</th>
<th>STATUS</th>
<th>CALL NUMBER</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><em>Embryonic stem cell research: re-explored considering scientific philosophical and theological understanding of human life</em> / John. P Shaji.</td>
<td>5261953E</td>
<td>DUE 17-01-18</td>
<td>QH588 SteJo 2017</td>
</tr>
<tr>
<td></td>
<td>Zika: from the Brazilian backlands to global threat / Debora Diniz; translated by Diane Grosklans Whitty.</td>
<td>5261778B</td>
<td>DUE 17-01-18 +1 HOLD</td>
<td>RA644 Zik.Di 2017</td>
</tr>
</tbody>
</table>
Course Readings

RBR (Reserved Books/Readings)
2 hour/overnight loan (subject to fines)
Search catalogue (by module code/lecturer’s name) e.g. CO5102

E-Reserves
Scanned articles recommended by lecturers
Search IVLE (by module codes)
Only 1 download
Services For Undergraduates (Requires Login)
## Services for Undergraduates

<table>
<thead>
<tr>
<th>Services</th>
<th>Links</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Essential Guides</strong></td>
<td>New to NUS</td>
</tr>
<tr>
<td></td>
<td>Research Help</td>
</tr>
<tr>
<td></td>
<td>Research Tools</td>
</tr>
<tr>
<td></td>
<td>Subject Guides</td>
</tr>
<tr>
<td><strong>Contact Us</strong></td>
<td>Ask a Librarian</td>
</tr>
<tr>
<td></td>
<td>Chat</td>
</tr>
<tr>
<td></td>
<td>Schedule an Advisory Session with Your Resource Librarian</td>
</tr>
<tr>
<td><strong>Loan Services</strong></td>
<td>Loan of Library Materials</td>
</tr>
<tr>
<td></td>
<td>Print Form to Pay Fines</td>
</tr>
<tr>
<td></td>
<td>Renew Loans</td>
</tr>
<tr>
<td></td>
<td><strong>Report a Lost Book</strong></td>
</tr>
<tr>
<td></td>
<td>Reserve Items</td>
</tr>
<tr>
<td><strong>Recommendation to Purchase New Materials</strong></td>
<td>Recommend Books</td>
</tr>
<tr>
<td></td>
<td>Recommend Journals</td>
</tr>
<tr>
<td></td>
<td>Recommend Media Materials</td>
</tr>
<tr>
<td><strong>Document Delivery Services (DDS)</strong></td>
<td>Purchase Articles/ Book Chapters/ Conference Papers Not Found in NUS Libraries</td>
</tr>
<tr>
<td></td>
<td>Purchase Articles/ Book Chapters/ Conference Papers Not Found in NUS Libraries</td>
</tr>
<tr>
<td><strong>Other Services</strong></td>
<td>Book ArtsBuzz &amp; Central Library Lobby</td>
</tr>
<tr>
<td></td>
<td>Book Library Facilities</td>
</tr>
<tr>
<td></td>
<td>Change Mail/Email Address</td>
</tr>
<tr>
<td></td>
<td>Network Printing</td>
</tr>
</tbody>
</table>
Document Delivery Service (DDS)

- Request journal articles, conference papers or book chapters that are **not** available in NUS Libraries
- Not for books or theses
- Accessed via E-Forms
- Cost borne by NUS Libraries*

*subject to approval based on budget considerations
Library Guides: Subject Guides

Dentistry | Medicine | Nursing | Pharmacy | Public Health | Systematic Reviews
# Dentistry Related Databases

**Dentistry: Databases**

<table>
<thead>
<tr>
<th>Databases</th>
</tr>
</thead>
<tbody>
<tr>
<td>UpToDate</td>
</tr>
<tr>
<td>The Cochrane Library</td>
</tr>
<tr>
<td>PubMed</td>
</tr>
<tr>
<td>Medline</td>
</tr>
<tr>
<td>Embase</td>
</tr>
<tr>
<td>Scopus</td>
</tr>
<tr>
<td>Web of Science</td>
</tr>
<tr>
<td>Micromedex</td>
</tr>
</tbody>
</table>

*UpToDate*

UpToDate is an evidence-based clinical information resource for point-of-care. It contains a wealth of information, from historical background to treatment recommendations. Within a topic or a clinical condition, there are links to pictures, graphics, drug information and other related topics. You can also search for drug information as *Lexi-Comp* and *Lexi-Interact Online* (drug resources) have been incorporated into UpToDate. **Mobile version** is available.

To attend upcoming Live Online Trainings (webinars) on using UpToDate, visit the [UpToDate Webinars](#) webpage.
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  • Find it! @NUS Libraries with Google Scholar

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  • Installing EndNote

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  • Basics of database searching
Understanding Journal Citations

Author, publication year
Risk Management in Endodontics. Article title
Journal of Endodontics, 36(6), 982-984.

Journal title, volume (issue), page no.
Research Tools: Find it! @NUS Libraries

Google Scholar

Settings

Search results
Languages
Library links
Account
Button

Show library access links for (choose up to five libraries):

NUS

e.g., Harvard

Open WorldCat - Library Search
National University of Singapore - Find It! @NUS Libraries

Online access to library subscriptions is usually restricted to patrons of that library. You may need to login with your library password, use a campus computer, or configure your browser to use a library proxy. Please visit your library’s website or ask a local librarian for assistance.

Save
Cancel

To retain settings, you must turn on cookies
Inequity in access to dental care services explains current socioeconomic disparities in oral health: the Swedish National Surveys of Public Health 2004–2005
S Wamala, J Merlo, G Bostrom - Journal of Epidemiology & Community Health, 2006 - bmj.com
Objective: To analyse the effects of socioeconomic disadvantage on access to dental care services and on oral health. Design, setting and outcomes: Cross-sectional data from the Swedish National Surveys of Public Health 2004 and 2005. Outcomes were poor oral health ...

Convergence and divergence: assessing criteria of consumer satisfaction across general practice, dental and hospital care settings
SJ Williams, M Cahan - Social Science & Medicine, 1991 - Elsevier
... and ScotlandPromoting Better Health: The Government’s Programme for Improving Primary Care ... Secretaries of State for Social Services, Wales, Northern Ireland and ScotlandWorking ... Department of HealthThe NHS General Dental Services Contract. HMSO, London (1990). 17 ...

Implications of access, utilisation and need for oral health care by the non-institutionalized and institutionalized elderly on the dental delivery system
... TOC Alerts. Research ArticleArticles. Implications of access, utilization and need for oral health care by the non-institutionalized and institutionalized elderly on the dental delivery system. TA Dolan and KA Atchison. Journal of ...
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Copyright

photocopying and printing

10% or 1 chapter of book
1 article in a journal issue

Resources are for your research and study
Avoid excessive photocopying or downloading
Copyright violations may have serious consequences
EndNote

A bibliographic management tool that:

• **Stores** citations

• **Organizes** citations

• **Formats** citations
Installing EndNote X8

- EndNote X8 is available for download via NUS IT website: https://nusit.nus.edu.sg/services/software_and_os/software/software-student/
- Contact NUS ITCare (x62080, itcare@nus.edu.sg) for installation issues
Upcoming EndNote Workshops

Register at [http://libguides.nus.edu.sg/endnote](http://libguides.nus.edu.sg/endnote)
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  • Basics of database searching
Why Do You Search?

Evidence-based Practice

1. Formulating Your Clinical Question
2. Searching for Evidence
3. Appraising Evidence
4. Applying Evidence to Practice
5. Evaluating Evidence Use

Source: https://www.dreamstime.com/stock-photo-evidence-based-practice-diagram-image85702235
How Do You Search?

- How do you begin your search?
- How do you filter through the results to zoom in on the relevant ones?
Formulating a search strategy

How effective is fluoride application in preventing cavities?
Identifying Key Concepts

- fluoride
- preventing
- cavities
BOOLEAN Operators

**OR** either terms may be present
→ more results
E.g. adolescents **OR** teenagers

**AND** both terms must be present
→ fewer results
E.g. fluoride **AND** cavities

**NOT** → Use with caution
E.g. Humans **NOT** animals
Connecting Key Concepts

fluoride AND preventing AND cavities
Elaborating Search Strategy

fluoride OR toothpaste

AND

preventing OR prevention

AND

cavities OR caries OR tooth decay
Nesting ( )

Used to combine concepts in a prescribed order in a search statement:

\[(\text{preventing OR prevention}) \text{ AND } (\text{cavities OR caries OR tooth decay})\]
Elaborating Search Strategy

(fluoride OR toothpaste) AND (preventing OR prevention) AND (cavities OR caries OR tooth decay)

fluoride AND preventing AND cavities
→ 478 in PubMed

(fluoride OR toothpaste) AND (preventing OR prevention) AND (cavities OR caries OR tooth decay)
→ 7147 in PubMed (vs 30,700 in Google Scholar)
Comprehensive Search

A comprehensive search consists of one or more of the following components:

- **Keywords**
- **Subject heading** *(if available)*
- **Filters** *(when necessary)*
- **Types of study design** *(optional)*
**Subject Coverage**: Biomedicine, life sciences, healthcare

**Size**: ~28 million records

**Content**: MEDLINE, largest component of PubMed, has >25 million records from >5600 journals.

**Strengths**: MEDLINE indexed using MeSH
Updated daily – in press, ahead of print
Coverage: US & 80 other countries

*Free access*
Medical Subject Heading (MeSH)

Comprehensive search:
- Keywords
- Subject heading
- Filters
- Types of study design

“Dental caries” is the designated subject heading for the concept.
Search using Subject Headings and Keywords

Keywords (added by author)

OR

MeSH terms (added by indexer)

All articles on that concept
Which of the following is correct?

A. I can perform the most comprehensive search using MeSH terms alone.
B. I can find the latest articles using keywords alone.
C. I must use a combination of MeSH terms and keywords in every search.
See how PubMed executes your search, and refer to MeSH terms from here.
In Basic Search, PubMed maps out the MeSH terms. Keywords are searched in “All Fields”.

Translations:

<table>
<thead>
<tr>
<th>Term</th>
<th>Translation</th>
</tr>
</thead>
<tbody>
<tr>
<td>fluoride</td>
<td>&quot;fluorides&quot;[MeSH Terms] OR &quot;fluorides&quot;[All Fields] OR &quot;fluoride&quot;[All Fields]</td>
</tr>
<tr>
<td>toothpaste</td>
<td>&quot;toothpastes&quot;[MeSH Terms] OR &quot;toothpastes&quot;[All Fields] OR &quot;toothpaste&quot;[All Fields]</td>
</tr>
<tr>
<td>prevention</td>
<td>&quot;prevention and control&quot;[Subheading] OR (&quot;prevention&quot;[All Fields] AND &quot;control&quot;[All Fields]) OR &quot;prevention and control&quot;[All Fields] OR &quot;prevention&quot;[All Fields]</td>
</tr>
<tr>
<td>cavities</td>
<td>&quot;dental caries&quot;[MeSH Terms] OR (&quot;dental&quot;[All Fields] AND &quot;caries&quot;[All Fields]) OR &quot;dental caries&quot;[All Fields] OR &quot;cavities&quot;[All Fields]</td>
</tr>
<tr>
<td>caries</td>
<td>&quot;dental caries&quot;[MeSH Terms] OR (&quot;dental&quot;[All Fields] AND &quot;caries&quot;[All Fields]) OR &quot;dental caries&quot;[All Fields] OR &quot;caries&quot;[All Fields]</td>
</tr>
<tr>
<td>tooth decay</td>
<td>&quot;dental caries&quot;[MeSH Terms] OR (&quot;dental&quot;[All Fields] AND &quot;caries&quot;[All Fields]) OR &quot;dental caries&quot;[All Fields] OR (&quot;tooth&quot;[All Fields] AND &quot;decay&quot;[All Fields]) OR &quot;tooth decay&quot;[All Fields]</td>
</tr>
</tbody>
</table>
Anatomy of a PubMed Abstract

Challenges associated with implementation of a school-based tooth-brushing and fluoride varnish programme in a diverse and transient urban population.

Burgess-Allen J1, Braithwaite M2, Whiston S3.

Abstract
Public health competencies being illustrated; Planning, delivery and evaluation of health improvement programmes, addressing health inequalities, awareness of cultural impacts on health and wellbeing. Smiley4Life, a schools-based, evidence-informed oral health promotion programme, was designed to address high levels of oral health need and inequality within a UK city. The aims of the pilot described were to test the feasibility of delivering the programme (supervised tooth-brushing, take home kits, educational resources, and application of fluoride varnish) in six culturally diverse schools in disadvantaged neighbourhoods, and evaluate its impact on caries prevalence. High levels of participation were achieved (98% positive consent) however only 44% received more than one application of fluoride varnish. A reduction in decay prevalence and improved oral hygiene was observed. This paper examines the challenges faced in working with transient and culturally diverse population groups, working effectively with schools to deliver an effective intervention for this population, and in responding effectively across agencies to address safeguarding concerns.

KEYWORDS: Fluoride Varnish; Inequalities; Tooth-brushing

Find similar articles

Look for MeSH terms
### Anatomy of a PubMed Abstract

#### MeSH terms, Substances

**MeSH terms**
- Cariostatic Agents/therapeutic use*
- Child
- Child, Preschool
- Dental Caries/prevention & control*
- England
- Female
- Fluorides, Topical/therapeutic use*
- Health Services Accessibility
- Health Services Needs and Demand
- Humans
- Male
- Program Development
- School Dentistry/organization & administration*
- Toothbrushing*
- Transients and Migrants
- Urban Population

**Substances**
- Cariostatic Agents
- Fluorides, Topical

* denotes Major Topic

---

**Tip!**

Refer to MeSH terms from here.
Search History

Click to add search strategy to Builder

Click on number to see results in PubMed
PubMed Advanced Search Builder

By default, search is executed in “All Fields”

Click on “Add to history” to remain in Advanced Search Builder

Click on “Search” to go to PubMed results page
Refining PubMed Search

Best matches for (fluoride OR toothpaste) AND (preventing OR prevention) AND (cavities OR caries OR tooth decay):

- Evidence-based recommendation on toothpaste use
- The canostatic mechanisms of fluoride
- Dental caries: strategies to control this preventable disease

Switch to our new best match sort order
Refining PubMed Search

**Tip!** Explore filters to refine your search.
Steps to Conduct Your Search

1. Identify key concepts of your question
2. Always search for MeSH terms first
3. If there are no MeSH terms, use keywords
4. Combine MeSH terms and keywords for a complete search
5. Use “AND” or “OR” to either narrow or widen your search
6. Filter your results last (e.g. language; article type; age)
Contact Us

Medical Library

Walk in: Level 5, MD6
Telephone: 65162046
Email: mdlib@nus.edu.sg
URL: www.lib.nus.edu.sg
Any Questions?


We value your feedback 😊