Optometry: Library class

17th October 2019
Learning Outcomes
By the end of this session you will:

Be familiar with the Search Strategy process

Be aware of the main databases for Optometry

Be able to search in USearch for journal articles on a topic

Know where to access your LHS Harvard Referencing Guidelines and sign up for a RefWorks class

Know who to contact for help
Search strategy
Why is this important?
Your search strategy is the blueprint for your research

• Discover what has already been published in your subject area

• You want to get worthwhile results

• Avoid significant gaps in your knowledge base
Define your topic

What are the key concepts?

Examine the prevalence of visual impairment in patients with type 2 diabetes
Are there alternative ways to describe your keywords?

<table>
<thead>
<tr>
<th>Visual impairment</th>
<th>Type 2 diabetes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Visually impaired</td>
<td>Non-insulin-dependent</td>
</tr>
<tr>
<td>Vision impairment</td>
<td>Non insulin dependent</td>
</tr>
<tr>
<td>Vision disorder(s)</td>
<td>Type II diabetes</td>
</tr>
<tr>
<td>Blind(ness)</td>
<td>Type ii diabetes</td>
</tr>
<tr>
<td>Visual disability/ies</td>
<td>Diabetes (type 2)</td>
</tr>
</tbody>
</table>
Combining search concepts

OR

Use **OR** to add alternative ways to describe your search terms

e.g. visual **or** vision

will find results containing **any** of these terms
This will **increase** the number of results
Combining search concepts

**AND and OR**

Use **AND** to combine different search concepts in your results.

- e.g. vision **and** disease

will find results containing both of the terms **vision** and **disease**

This will **decrease** the number of results.
Search operators
Truncation and phrase searching

Use an asterisk * to find different endings for a search term
e.g. **examin** will find
    examine
    examines
    examination
    examinations etc.

Use double quotation marks “ ” to keep terms together in your results
    e.g. “vision disorder”
Search operators
Proximity / Adjacency Operators

Use these to search for two or more words within a specified number of words, in any order.

E.g. visual **N3 impairment** in CINAHL Plus and USearch.

Will find the following:

- visual impairment
- visual field impairment
- visual and dual sensory impairment
- visual processing impairment

*Individual databases use different operators – always check the HELP section for further information.*
Search operators

Wildcards

Use this to replace a single character within a word

e.g. organisation

will find organisation or organization

* Many databases will use the ? symbol – always check the HELP section for further information as some do use $ or #
Search operators

Wildcards

Use this to replace zero or one character in a word

e.g. colour or color

* Many databases will use the # symbol – always check the HELP section for further information
Search operators

Parentheses

Use **parentheses** (brackets) to combine different operators and search terms within the one search

e.g. diabetes and ("vision disorder" or visual disorder" or "visual disease")
Remember

- Plan your search strategy in advance
- Be prepared to be flexible
- Make use of the HELP features in databases
Evaluate and record

• Evaluate your findings
• Record your search strategy
• Record your results – for example, use RefWorks

• Save your search strategy
Open Athens authentication
When accessing an OpenAthens resource for the first time, you may be faced with a generic OpenAthens login screen (see below).

If so, you must search using the 'Find your organisation' box on the right in order to navigate to the correct Ulster login page. A search for *Ulster* will present a list that includes an *Ulster University* link.
Clicking the link will take you to an Ulster sign-in page that will accept your institutional email address and network password to login (the same password as the Portal, IT workstations). Logging in successfully here will take you to the desired e-resource. Once logged in, you will remain authenticated throughout your browser session and shouldn't be challenged to login again if you visit other OpenAthens resources.
Library Databases
Access your databases via the Optometry and Vision Science Library Guide

https://guides.library.ulster.ac.uk/optom
Using words in the assignment title only:

Searching: Electronic journals and many library databases

"visual impairment" AND "type 2 diabetes"

Search Results: 1 - 30 of 400
Using a range of alternative search terms:

- "visual impairment" or "vision disorder"
- "type 2 diabetes" or "type II diabetes" or "type 2 diabetes"
Using alternative terms and truncation

Watch these steps here
## Search History

**Search History**

- Keeps a record of all your search steps

### Search History/Alerts

<table>
<thead>
<tr>
<th>Search ID/ #</th>
<th>Search Terms</th>
<th>Search Options</th>
<th>Actions</th>
</tr>
</thead>
<tbody>
<tr>
<td>S5</td>
<td>&quot;visual impair&quot; or &quot;vision disorder&quot; AND &quot;type 2 diabetes&quot; or &quot;type ii diabetes&quot;</td>
<td>Limits - Date Published: 20140101-20191231, Expander - Apply related words, Apply equivalent subjects, Narrow by Language - english, Search Modes - Boolean/Phrase</td>
<td><img src="188" alt="View Results" /> [View Details] [Revise Search]</td>
</tr>
<tr>
<td>S4</td>
<td>&quot;visual impair&quot; or &quot;vision disorder&quot; AND &quot;type 2 diabetes&quot; or &quot;type ii diabetes&quot;</td>
<td>Limits - Date Published: 20140101-20191231, Expander - Apply related words, Apply equivalent subjects, Search Modes - Boolean/Phrase</td>
<td><img src="215" alt="View Results" /> [View Details] [Revise Search]</td>
</tr>
<tr>
<td>S3</td>
<td>&quot;visual impair&quot; or &quot;vision disorder&quot; AND &quot;type 2 diabetes&quot; or &quot;type ii diabetes&quot;</td>
<td>Expander - Apply related words, Apply equivalent subjects, Search Modes - Boolean/Phrase</td>
<td><img src="496" alt="View Results" /> [View Details] [Revise Search]</td>
</tr>
<tr>
<td>S2</td>
<td>&quot;visual impairment&quot; or &quot;vision disorder&quot; AND &quot;type 2 diabetes&quot; or &quot;type ii diabetes&quot;</td>
<td>Expander - Apply related words, Apply equivalent subjects, Search Modes - Boolean/Phrase</td>
<td><img src="420" alt="View Results" /> [View Details] [Revise Search]</td>
</tr>
<tr>
<td>S1</td>
<td>&quot;visual impairment&quot; AND &quot;type 2 diabetes&quot;</td>
<td>Expander - Apply related words, Apply equivalent subjects, Search Modes - Boolean/Phrase</td>
<td><img src="400" alt="View Results" /> [View Details] [Revise Search]</td>
</tr>
</tbody>
</table>

(English); Abstract available. By: Danet-Lamasou M; Pérès K; Matharan F; Berr C; Carrière I; Tzourio C; Delcourt C; Bourdel-Marchasson I. Journal of the American Geriatrics Society [J Am Geriatr Soc]. ISSN: 1532-5415, 2018 Apr; Vol. 66 (4), pp. 699-705; Publisher: Blackwell Science; PMID: 29345732, Database: MEDLINE PubMed

Academic Journal

LibKey Instant PDF   U Find it   PlumX Metrics   View Complete Issue
Near Visual Impairment Incidence in Relation to Diabetes in Older People: The Three-Cities Study.

Authors: Janelle Lamou M, Clinical Gerontology, Centre Hospitalier Universitaire de Bordeaux, Pessac, France; Unité de Formation et de Recherche Médecine, University of Bordeaux, Bordeaux, France; Unité de Formation et de Recherche 5536, Résonance Magnétique des Systèmes Biologiques, Centre National de la Recherche Scientifique, Bordeaux, France.

Mathura F, Institut de Santé Publique d’Épidémiologie et de Développement, University of Bordeaux, Bordeaux, France; U1219, Bordeaux Population Health Research Center, Institut National de la Santé et de la Recherche Médicale, Bordeaux, France.

Barr C, U1051, Institut National de la Santé et de la Recherche Médicale, Montpellier, France; University of Montpellier, Montpellier, France.

Carrère I, U1051, Institut National de la Santé et de la Recherche Médicale, Montpellier, France; University of Montpellier, Montpellier, France.

Tzourio C, Institut de Santé Publique d’Épidémiologie et de Développement, University of Bordeaux, Bordeaux, France; U1219, Bordeaux Population Health Research Center, Institut National de la Santé et de la Recherche Médicale, Bordeaux, France.

Décourt C, Institut de Santé Publique d’Épidémiologie et de Développement, University of Bordeaux, Bordeaux, France; U1219, Bordeaux Population Health Research Center, Institut National de la Santé et de la Recherche Médicale, Bordeaux, France.

Bourdil-Marchassin I, Clinical Gerontology, Centre Hospitalier Universitaire de Bordeaux, Pessac, France; Unité de Formation et de Recherche 5536, Résonance Magnétique des Systèmes Biologiques, Centre National de la Recherche Scientifique, Bordeaux, France; Résonance Magnétique des Systèmes Biologiques, Unité Mixte de Recherche 5536, University of Bordeaux, Bordeaux, France.

You may need to add new search terms to your search
Near Visual Impairment Incidence in Relation The Three-Cities Study.

Authors:

Danel-Lamasou M; Clinical Gerontology, Centre Hospitalier Universitaire of Bordeaux, University of Bordeaux, Bordeaux, France; Unité de Formation et de Recherche National de la Recherche Scientifique, Bordeaux, France.
Pérès K; Institut de Santé Publique d’Épidémiologie et de Développement, Université de Bordeaux, Centre Hospitalier Universitaire of Bordeaux, Bordeaux, France.
Peret Matharan F; Institut de Santé Publique d’Épidémiologie et de Développement, Université de Bordeaux, Centre Hospitalier Universitaire of Bordeaux, Bordeaux, France.
Burr C; U1061, Institut National de la Santé et de la Recherche Médicale, Montpellier, France.
Carrière I; U1061, Institut National de la Santé et de la Recherche Médicale, Montpellier, France.
Mascio C; U1061, Institut National de la Santé et de la Recherche Médicale, Montpellier, France.
Tzourio C; Institut de Santé Publique d’Épidémiologie et de Développement, Université de Bordeaux, Centre Hospitalier Universitaire of Bordeaux, Bordeaux, France.
Delcourt C; U1061, Institut National de la Santé et de la Recherche Médicale, Montpellier, France.
Boudrel-Marchasson I; Clinical Gerontology, Centre Hospitalier Universitaire of Bordeaux, University of Bordeaux, Bordeaux, France.

Access the full text here.
Exporting references into RefWorks
Always have RefWorks open already

From the Results list select results to export
From My Folder click on Export
Select Direct Export to RefWorks
Click on Save

Watch the steps here
Registering for a RefWorks workshop:
https://bookings.library.ulster.ac.uk/calendar/library_training/?cid=6687&t=g&d=000-00-00&cal=6687&ct=31502

Registering for a LHS Referencing workshop:
https://bookings.library.ulster.ac.uk/calendar/library_training/?cid=6687&t=g&d=000-00-00&cal=6687&ct=32054
Contact Details for LHS Library Team:

Joan
jce.atkinson@ulster.ac.uk

Cheree
c.mcgill@ulster.ac.uk

Michaela
m.campbell2@ulster.ac.uk

science@library.ulster.ac.uk