

# OvidSP 3.0

Transforming Research  
into Results

OvidSP at the  
BioTech Consortium,  
Slovenia



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Germany

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Today's OvidSP training session will pose the questions.

- |  |             |
|--|-------------|
| 1. What is OvidSP?                       | 5 Minutes   |
| 2. What is in OvidSP?                    | 5 Minutes   |
| 3. Why should I use OvidSP?              | 5 Minutes   |
| 4. How can I best search in OvidSP?      | 100 Minutes |
| 5. Where can I find further information? | 5 Minutes   |

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Duration

120 Minutes

# 1. What is OvidSP?

## The problem

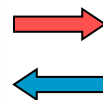
specialists...

need...

...specialist information



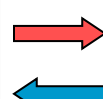
search  
results



Ovid

e.g.  
- CAB Abstracts  
- FSTA

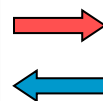
search  
results



External sources

e.g.  
- Primal Pictures  
- Clin-eGuide

search  
results



Internet / WWW

e.g.  
- Google  
- Wikipedia

How to connect people  
and knowledge in a world  
of ubiquitous information?

# 1. What is OvidSP?

## The solution

specialists...

need...

...specialist information

- ✓ Resource selection
- ✓ Personal workspace



OvidSP 3.0 :

search



results



Ovid

- e.g.
- CAB Abstracts
- FSTA

External sources

- e.g.
- Primal Pictures
- Clin-eGuide

Internet / WWW

- e.g.
- Google
- Wikipedia

OvidSP: Transforming research into results through the personalisation of the information workspace.

## 2. What is in OvidSP?

## Resources

### Journals

#### Examples:

- American Journal of Clinical Oncology
- American Journal of Otolaryngology
- Annals of Surgery
- BJA: British Journal of Anaesthesia
- Chest
- Critical Care Medicine
- Current Opinion in Critical Care
- Drugs Drugs in R & D (Open Access)
- Gut
- Journal of Bone & Joint Surgery
- New England Journal of Medicine
- Obstetrics & Gynecology
- Otolaryngology & Neurotology
- Plastic & Reconstructive Surgery

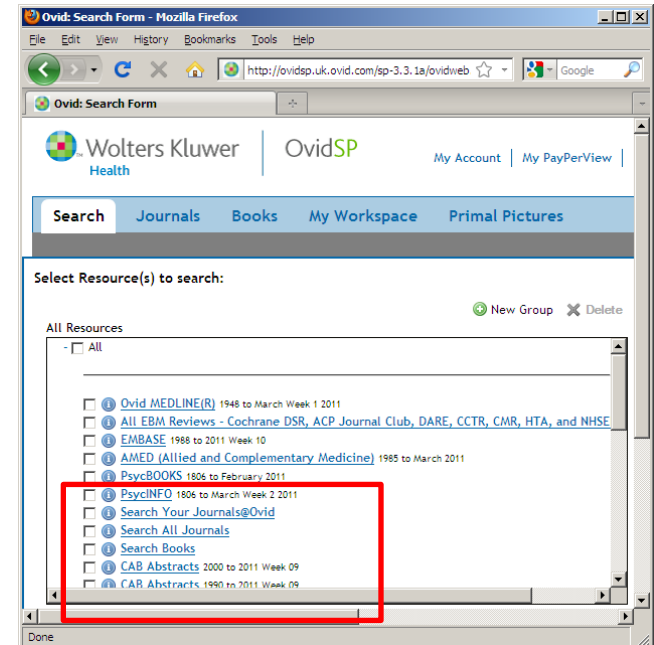
### Databases

#### Examples:

- CAB Abstracts
- ERIC
- EMBASE
- Ovid Healthstar
- Ovid Medline
- PsycINFO
- PSYINDEX
- Zoological Record

### Subscriptions

#### BioTech Consortium, Slovenia



### 3. Why should I use OvidSP?

Your assets

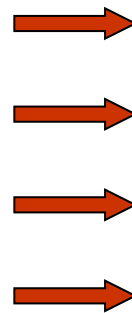
So that you can look after, preserve and build up your personal knowledge

OvidSP

Task

Means

Improve  
Organise  
Update  
Share



Search options  
My Workspace  
AutoAlerts  
E-Mail Jumpstarts





### 3. Why should I use OvidSP?

## My Workspace

#### What?

- **MyWorkspace** is a personal research organisation area.
- Made up of projects and folders which can contain searches, text, results, citations, graphics etc.
- 50MB storage for external i.e. non-Ovid resources.



#### How?

##### MyWorkspace

You must login to a **Personal Account** to access this feature.

Personal Account Name:

Password:

**Note:** Account details and passwords can be changed at any time through the **MyAccount** option.

#### Why?

- ✓ Enables targeted and more efficient management of information and knowledge.
- ✓ Provides foundation for sharing and collaboration of research and results.
- ✓ Speeds up the process of **transforming research into results!**

[Add to My Projects](#)

## 4. How can I best search on OvidSP?

The training

### INTRODUCTION:

- OvidSP in the workplace
- OvidSP and the internet
- Resources on OvidSP
- Analysing key-words

### SEARCH:

- Basic (NLP) Search
- Advance Search
- Search options and limits
- Search Tools and mapping
- Results Tools and filters

### RETRIEVE:

- Bibliographic references
- Export options
- Full text and Article Tools
- Linking to documents

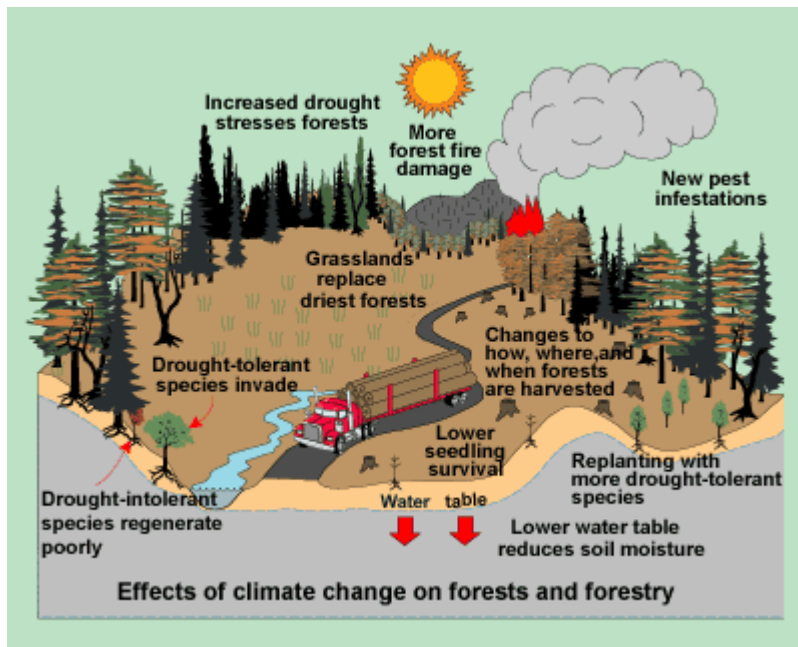
### MANAGE, USE, SHARE:

- My Workspace / My Projects
- My Searches
- My Alerts
- My e-Tocs
- My internet references



## 4. How can I best search on OvidSP?

Example 1. Your need(s)



What are the possible indicators, or put another way the means of evidence used to demonstrate climate change?

## 4. How can I best search on OvidSP?

### Example 1. Tasks

- a. Search for literature on the central themes.
- b. Determine what would be a possible indicator.
- c. Identity experts in this field of study.

## 4. How can I best search on OvidSP?

Example 1. Keywords?

- climate, change, climate change
- effect, effects, influence,
- significance, evidence
- study, studies, research, development
- experiments, method, methodology,
- Germany, German, European, Europe

## 4. How can I best search on OvidSP?

Example 1. Keywords?

### Specific terms and phrases

- climate, change, **climate change**
- effect, effects, influence,
- **significance**, evidence

### General terms and phrase

- studies, **research**, development
- experiments, method, methodology,
- **Germany**, German, European, Europe

# 4. How can I best search on OvidSP?

Option: Advanced Search

## 1. Where?

## 2. How?

## 3. What?

Search 1 =

Advanced Search:

Map Term to Subject Heading

Search 2 =

Advanced Search:

Map Term to Subject Heading

## Part A.

Databases:

**CAB Abstracts**  
<1973 to 2011>

## Part B.

Tools:

Search Options

My Workspace

AutoAlerts

E-Mail Jumpstarts

# 4. How can I best search on OvidSP?

In three steps...

1.

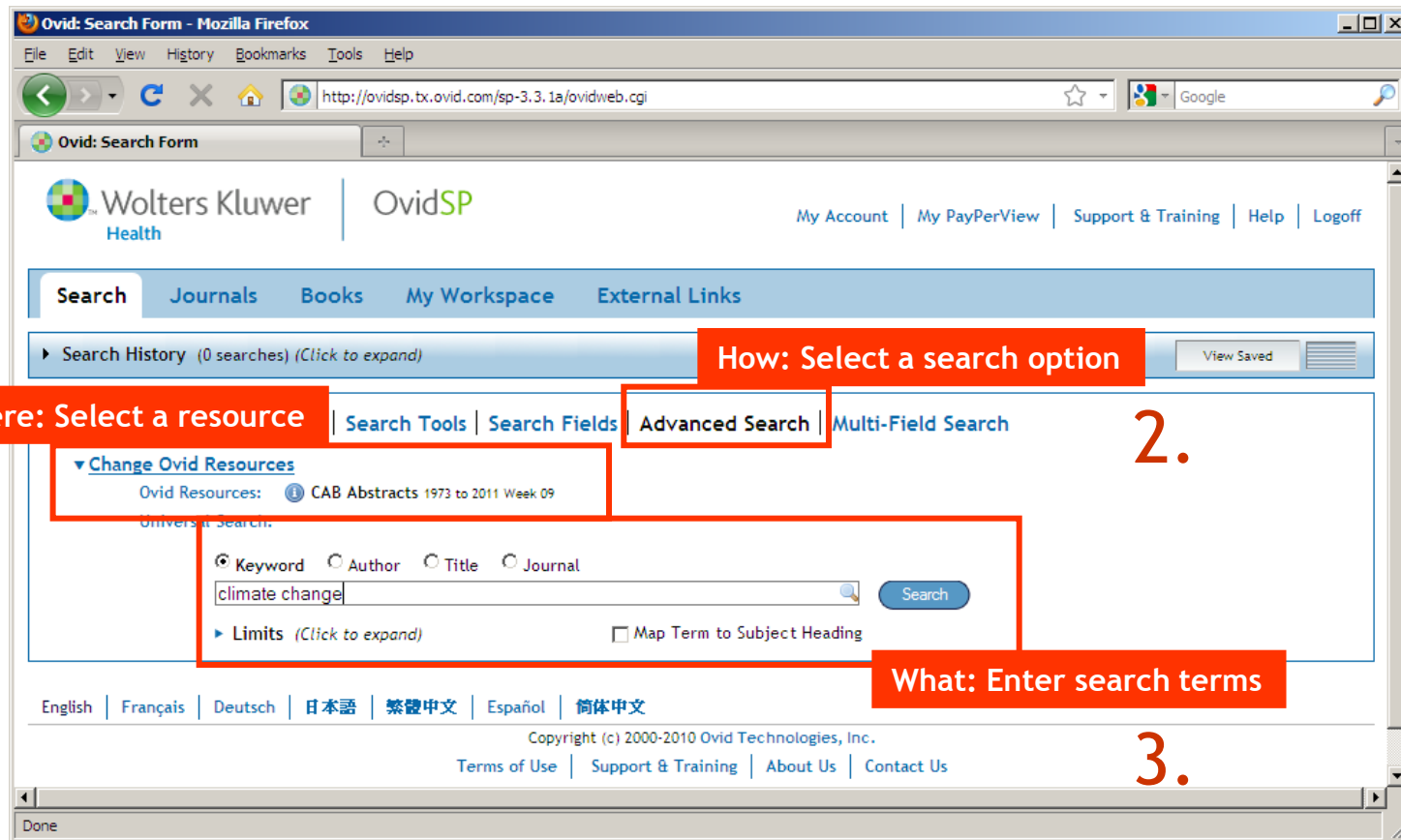
Where: Select a resource

How: Select a search option

2.

What: Enter search terms

3.



# 4. How can I best search on OvidSP?

Option: Basic Search

1. Where?

2. How?

3. What?

Search 1 =

CAB

Basic Search:

trees and climate change

Search



Include Related Terms

Part a.

Databases:

**CAB Abstracts**

<1973 to 2011>

Part b.

Tools:

Search Options

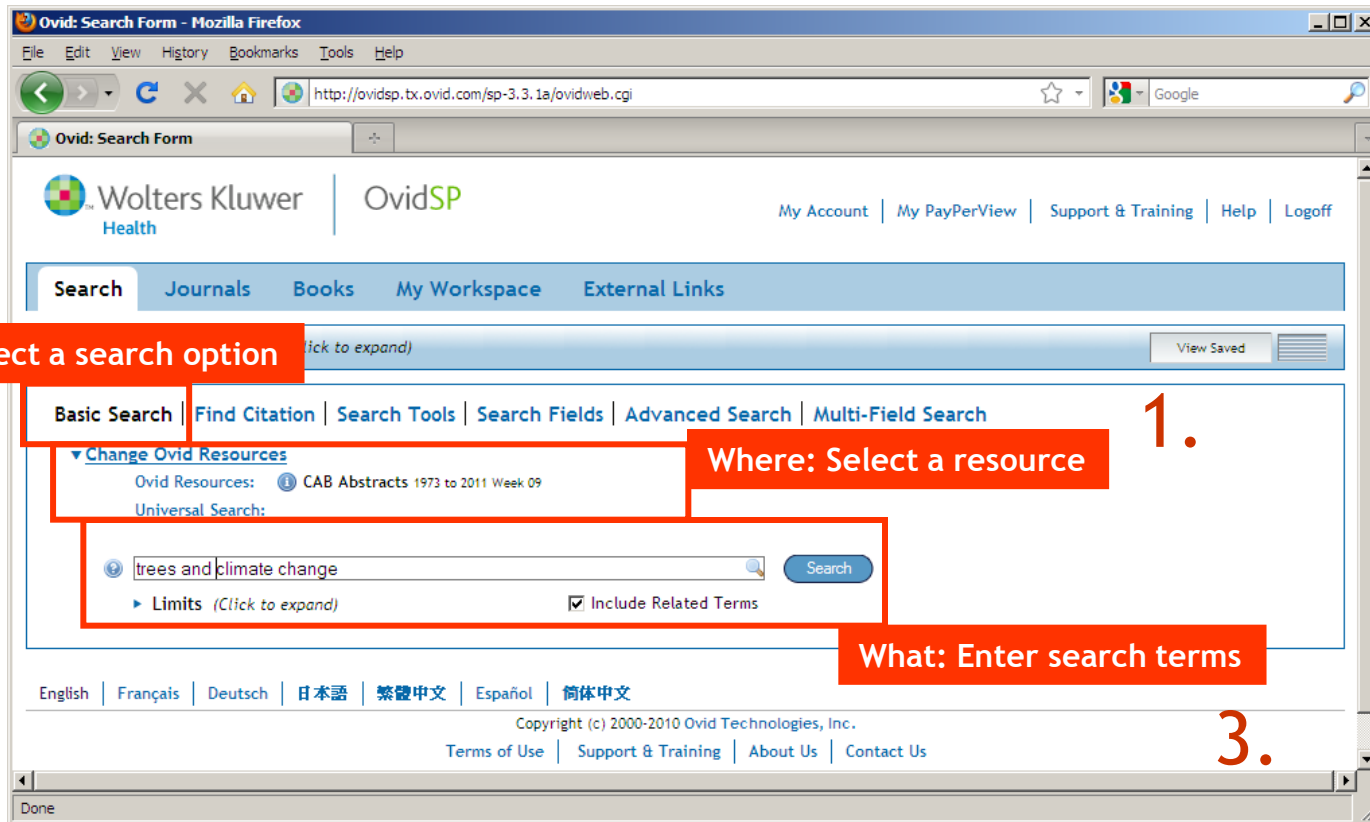
My Workspace

AutoAlerts

E-Mail Jumpstarts

# 4. How can I best search on OvidSP?

In three steps...





## 4 ¾. How does Basic Search really work?

## The Lexicon

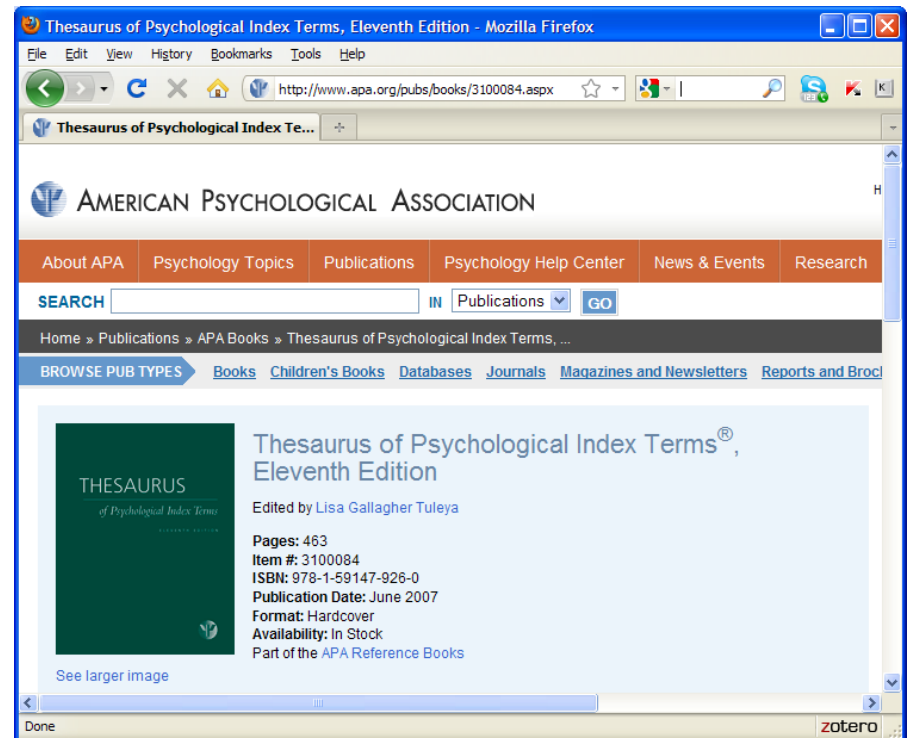
### Thesaurus of Psychological Index Terms

The **Thesaurus of Psychological Index Terms** is a book containing the controlled vocabulary used in the databases of the American Psychological Association and used by APA's professional indexers to index all of APA's databases:

PsycINFO, PsycARTICLES, PsycBOOKS, PsycEXTRA, PsycCRITIQUES.

The List was first published in 1974, cataloguing the 800 index terms used in Psychological Abstracts. The most recent 11th edition, published in 2007 has 8,222 terms.

Updates are produced annually



<http://www.apa.org/pubs/books/3100084.aspx>

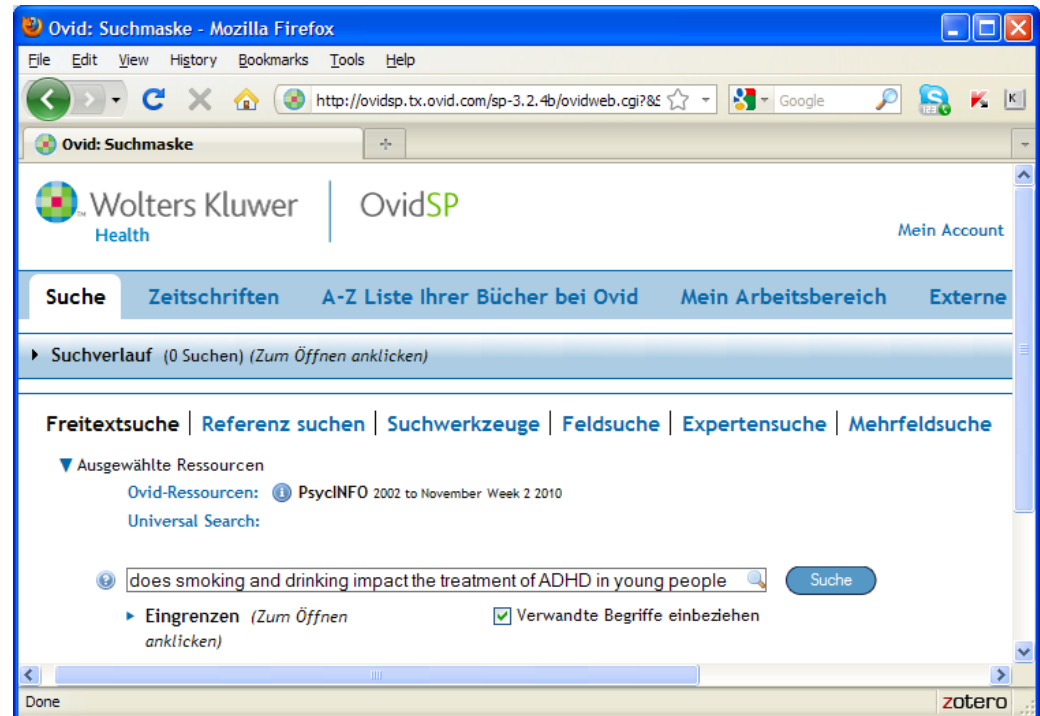
## 4 ¾. How does Basic Search really work?

## Basic Search

### Basic Search on OvidSP

The Basic Search or „FreitextSearch“ is one of the OvidSP search options. Based on a natural language processing (NLP) technologies, the search algorithm operates differently to the Advanced Search and other search options. Using the Basic Search option searches can be conducted on the following:

- Abbreviations  
e.g. „ADHD“
- Phrases or Expressions  
e.g. „eating disorders internet“
- Full sentences  
e.g. „does smoking and drinking impact the treatment of ADHD in young people“



<http://ovidsp.ovid.com>

## 4 <sup>3</sup>/<sub>4</sub>. How does Basic Search really work?

## Combination

Thesaurus of Psychological Index Terms is the content-specific lexicon for Psychology related resources on OvidSP

Basic Search goes beyond standard keyword searching. Basic Search uses lexicons to both verify as well as expand the terms of the original search query where the „Include Related Terms“ option has been activated.

Ovid has included content-specific lexicons so as to make results more relevant in the various subject categories. The **Thesaurus of Psychological Index Terms** is the content-specific lexicon not just for APA resources but now for all Journals@Ovid, Books@Ovid, and virtually all other Psychology databases.

### Autumn 2009

Only APA Resources  
PsycINFO  
PsycARTICLES  
PsycBOOKS  
PsycEXTRA  
PsycCRITIQUES

### Autumn 2010

All Ovid Resources  
APA Resources  
Journals@Ovid  
Books@Ovid

## 4 <sup>3</sup>/<sub>4</sub>. How does Basic Search really work?

## Basic Search++

**Step 1. Validation of search terms:** When a query has been entered as a natural language search, OvidSP filters the terms of the query, eliminating irrelevant noise words and tightening word choices into valid search terms and phrases.

**Step 2. Expansion of search terms:** OvidSP then utilizes proprietary medical lexicons to expand validated terms to include:

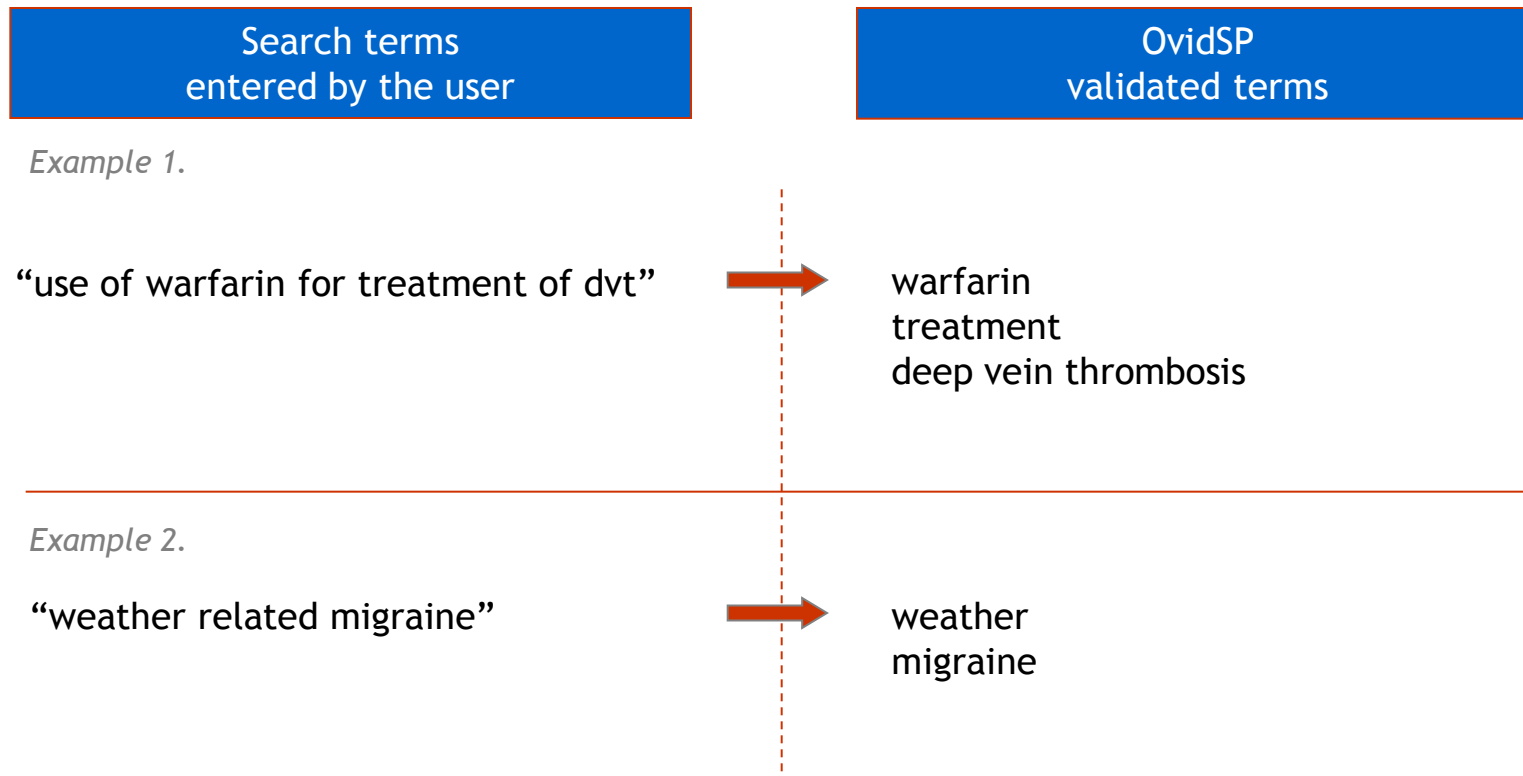
- Word variations
- Strong synonyms (e.g. alternate names of drugs or diseases)
- Acronyms
- Alternative spellings (e.g. between British and American English)

The lexicon mostly used for OvidSP draws from the Unified Medical Language System (UMLS) Meta-thesaurus, medical dictionaries and thesauri, medical acronyms, drug and disease names, and standard American and British English dictionaries.

OvidSP analyzes the original query to identify concepts (the nouns, noun phrases, and adjectives that shape the topics of the query), including them within an overall, expanded search strategy.

## 4 ¾. How does Basic Search really work?

e.g. Step 1.



# 4 3/4. How does Basic Search really work?

e.g. Step 2.

OvidSP  
validated terms

OvidSP  
expanded terms

Example 2.

weather



weather                      humidity  
weathers                    infrared rays  
temperature                rain  
heat                            wind  
ultraviolet rays            snow  
cold                            lightning  
sunlight

migraine



migraine  
migraines  
hemicrania  
anencephalies partial  
anencephalies incomplete  
hemicranial anencephaly

## 5. Where can I find further information?

Recommendation



OvidSP Resource Center

Ovid Universal Search Resource Center

Nursing@Ovid Resource Center

Ovid Librarian Toolkit

Ovid Support and Training Center



OvidSP User Questions

Ovid Admin Questions

Helpful Links

Sign-up for Instructor-Led  
Training Sessions

View Online Tutorials for OvidSP

<http://www.ovid.com/site/resources/index.jsp>

[http://www.ovid.com/site/resources/index\\_support.jsp](http://www.ovid.com/site/resources/index_support.jsp)

# Thank you for your time

For more information and further assistance on how to use the new features on OvidSP 3.0 such as **Export Selected to Powerpoint** as demonstrated on this slide, please see the OvidSP Resource Center or contact the trainer directly:

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**t:** +49-(0)30 85 77 99 0

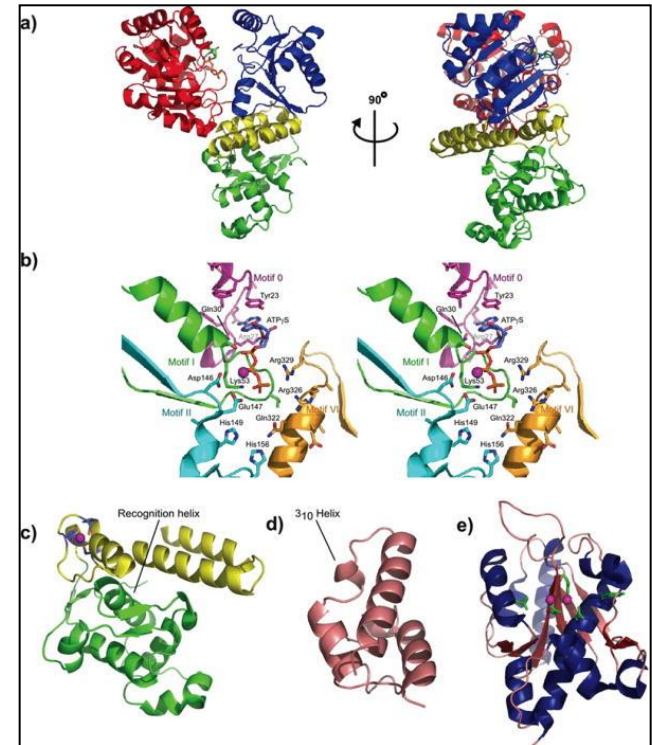
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**e:** michael.fanning@wolterskluwer.com

**w:** <http://www.ovid.com>

## Contact information



*Figure 2 . Structural features of RecQ DNA helicases. Sit down, relax and unwind: structural insights into RecQ helicase mechanisms. Killoran, Michael; Keck, James Nucleic Acids Research. 34(15):4098-4105, September 2006. © Copyright Oxford University Press 2006. Published by Oxford University Press.*