

EFFECTIVE USE OF VARIOUS SEARCH ENGINE

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Nursing research develops knowledge about health and the promotion of health over the full lifespan, care of persons with health problems and disabilities, and nursing actions to enhance the ability of individuals to prevent effectively to actual or potential health problems. Research conducted by nurses includes various types of studies in order to derive clinical interventions to assist those who require nursing care. The involvement of nursing research and its broad issues.¹

Evidence-based practice (EBP) is the process of collecting, processing, and implementing research findings to improve clinical practice, the work environment, or

patient outcomes. It is a problem-solving approach to clinical practice and administrative scope often require scientific underpinning from several disciplines.²

A web search engine or Internet search engine is a software system that is designed to carry out web search (Internet search), which means to search the World Wide Web in a systematic way for particular information specified in a textual web search query. The search results are generally presented in a line of result often referred to as search engine results pages (SERPs). The information may be a mix of links to web pages, images, videos, info graphics, articles, research papers, and other types of files. Some search engines also mine data available in databases or open directories.³

Search engine provide a guideline about way of conducting research by the use of internet, and they can be help to formulate effective tools. However, to use them for research you need to know about their strengths and weakness. Search engines are most useful for collect the data when you have clear idea about what you want to search. When you search something, the term will be clearly mentioned and it will successfully work when you have knowledge about appropriate techniques that hoe yo use the search engine. Every search engine having their own database and own working system that's why be sure about their search tips or helping options.⁴

Search engines are the internet resources to find the reviews, which are Google, PubMed, Yahoo and AltaVista. When you first use search engine to get answer of your question or starting up for your research project you may notice something that some of results are related to your topic and some are not. This happens because of all search engine have their own rules and working system and also options. For reduce this problem you have to use some strategies that can help you the finalize the most relevant result and this will reduce your research time also.⁵

Follow the following procedures for literature search in the specific website/database: -

You need to know about some strategies like:

- One-word search- The simplest way to use a search engine is to type in one word that is crucial to your search.

- One-phrase search: If you have a phrase that is often attributed to your main topic, then you can use this in search engines.
- Use Boolean operators like “AND”, “NOT” and “OR”
Brain injury AND head injury
Antipsychotic OR anxiolytic
Viral infection NOT Bacterial infection
- Use common terms:
- Use of some filters: like full text article, language, published year, subject

List of search engines: -

MEDLINE: <http://www.ncbi.nlm.nih.gov/pubmed/>

PUBMED: <http://www.ncbi.nlm.nih.gov/pubmed/>

COCHRANE: www.cochrane.org

POPLINE: www.popline.org

INDMED: www.indmed.nic.in

SCOPUS: www.scopus.com

UNICEF: <http://www.unicef.org>

EMBASE: www.embase.com

GOOGLE SCHOLAR: <http://scholar.google.co.in>

UNFPA: <http://www.unfpa.org>

UNAIDS: <http://www.unaids.org>

UNDP: <http://www.undp.org>

FAO: <http://www.fao.org>

WHO: <http://www.who.org>

Ministry of Health & Family Welfare: <http://mohfw.nic.in/>

National Institute of Health & Family Welfare: <http://nihfw.nic.in/index.asp>

National Rural Health Mission: <http://mohfw.nic.in/NRHM.htm>

Medknow Publication: <http://www.journalonweb.com/>

Census of India: <http://censusindia.gov.in/>

Data base for Indian Journals: www.medind.nic.in and www.indmed.nic.in

Indian citation index: <http://www.indiancitationindex.com>

MUHS Digital Library: www.muhs.ac.in

Medlars: <http://www.medind.nic.in>

Shodhganga: www.shodhganga.inflibnet.ac.in

Nursing Journals: www.righthealth.com

Medknow Publications: www.medknow.com

Cochrane data bases: www.cochrane.org

Mostly people using the internet web data for research purpose and they are looking for answer or latest information about any topic. Now a day internet use is higher than books or etc. people are looking for site in which they get some supportive research and information. Internet is mostly useful search engine day by day that's why we can have some appropriate knowledge about how to use it. This article, it contains all the basic information that how to collect the relevant data from the different search engine and also provide some information about appropriate technology to use it.

This article contains the usefulness of search engine and how the evidence-based nursing will improve the quality of nursing research. This will also help to improve the quality of care to the patient based on some supportive evidence. Evidence search through different sites or online journals so researcher have need to know the strategies of

searching of evidence and knowledge about different search engines. This article covers the all aspect of how to search engine and how to access the evidence for research.

Reference:-

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3. https://en.wikipedia.org/wiki/Web_search_engine#Search_engine_bias
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5. <https://www.universalclass.com/articles/writing/research-skills/how-to-use-internet-search-engines-for-research.htm>