MeSH on Demand: An Easy Way to Identify Relevant MeSH Terms and Related Articles from Text

Abstract

We will demonstrate how leveraging MeSH can help you find the most articles about your area of research. MeSH is the controlled vocabulary for MEDLINE indexing at NLM. MeSH on Demand is a sophisticated software package that finds MeSH terms in response to a user query.

Objective

1. Easily find keywords to your manuscript, grant application, etc.
2. Quickly find MeSH terms for systematic literature searches
3. Find related articles to your text in PubMed

Methods

How to use MeSH on Demand (MoD)

1. Click MeSH terms of interest (use 1-2 MOST IMPORTANT MeSH terms)
2. Combine MeSH Heading and Entry terms separated by "OR"
3. Add any author term as a "wildcard" term if search results in too many

Using MoD and MeSH Browser to Expand MeSH Terms

1. MeSH Search Page
2. MeSH Result Page

Results

MeSH on Demand and Systematic Literature Search

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References

2. Medical Subject Headings (MeSH); Lister Hill National Center for Biomedical Communications; Index Section, NLM, NIH, Bethesda, MD

Find More Relevant Articles with MoD and MeSH Terms

The quality of the retrieved articles using MeSH on Demand and Expanded MeSH Term strategy is striking. Of the ten most recently added articles in PubMed, which are from non-MEDLINE journals, most mentions miRNA, mRNA and a neurodegenerative disease in title.