

Knowledge Finder[®]

Personal Computer Access to MEDLINE[®] on CD-ROM

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P R O D U C T D E S C R I P T I O N

"Knowledge Finder makes good searching of MEDLINE easy."

Traditional online searching of MEDLINE has required extensive training to assure high-quality search results, often discouraging end-user access. *Knowledge Finder's* searching tools are simple to use, yet retain the quality of searching essential to effective MEDLINE use. Using *Knowledge Finder*, even first-time users can quickly create good searches.

"MEDLINE searching at a fraction of traditional costs."

Knowledge Finder's operation is completely local. The MEDLINE data are stored on CD-ROM optical disc right at your *Knowledge Finder* workstation. For a fixed subscription fee, you access the database as much as you want, with no connection or telecommunication hourly charges. You can concentrate on developing good search strategies, not on watching the clock!

"A searching tool for both the occasional and the professional searcher."

Knowledge Finder's easy use doesn't compromise searching power. The intuitive interface guides occasional searchers to good search results. The sophisticated searching tools give accomplished searchers multi-phrase retrieval with flexible Boolean-like logic specification. Many searches can be conducted in a single step, enhancing user productivity.

"Core and comprehensive journal coverage, with full MEDLINE citations."

Knowledge Finder databases are offered in configurations designed for clinical, academic and research environments. The *Core Journals* database draws citations from approximately 395 primary clinical journals, and includes up to five years of citations on a single CD-ROM disc. It also includes all of the Nursing Special List references from MEDLINE for the past 5 years. The *Unabridged MEDLINE* database includes all MEDLINE titles (English and foreign), with two to seven years of data stored on each disc (all of MEDLINE back to 1966 on just 11 discs now, 12 in 1999!). All citations are broadly indexed, allowing you to search by subject headings, keywords and author names.

"Powerful searching, ease of use, meaningful coverage, economical operation."

This unmatched combination of features makes MEDLINE *Knowledge Finder* the ideal searching tool. In educational, clinical and research settings, it can help expand accessibility to your biomedical literature, without excessive costs. You may find this to be the one reference tool you can't afford to be without.

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Enhancing the Power of Knowledge[®]

Innovative retrieval concepts

Knowledge Finder uses probabilistic indexing and retrieval techniques. When you formulate a search strategy, you retrieve not only those citations that directly match your strategy, but also those that closely (but not completely) match. And the retrieved citations are presented in order of most likely relevance to your search specification, so you see the more significant citations first.

Boolean power without complexity

Boolean term combination is implicit in *Knowledge Finder's* operation. Term searching allows you to specify whether the term must, should or must not appear in retrieved citations. This "hidden" Boolean logic implementation gives you the power of Boolean retrieval without the need to think about the associated complexities.

Sentence-style and Reference search modes

You can easily and quickly specify your search statement as a sentence-style expression, without the need to learn a command language. You can also identify and select specific search terms from the MeSH® subject heading thesaurus, or from any of the *Knowledge Finder* term reference dictionaries (including author names, journal titles, MEDLINE publication dates, publication types and subject check tags). Both search modes can be used in a single search formulation.

Many successful *Knowledge Finder* searches use just these two screens - creating the search, then viewing the results.

Knowledge Finder® Search Formulation

Free-Form Topic Search Statement

Do helmets reduce head injuries in bicycle accidents

Search Progress
Search History

79 of 33369 Documents May Be Relevant

Relevance Filter
Emphasize Quantity | Emphasize Relevance

Word Variants | Find As Many As 100 Documents

Selected Dictionary/Thesaurus Search Terms

Search Also/Instead By:
Subject Heading(s)
Author Name(s)
Indexing Date(s)
Journal Title(s)
Language(s)
Subject Check Tag(s)

Jan 87 - Jun 91
MEDLINE Core
Journals: MEDICAL

... From Search

To Results...

Document(s) from Jan 87 - Jun 91 MEDLINE Core Journals: MEDICAL

ARTICLE TITLE: The Seattle children's **bicycle helmet** campaign.
ARTICLE SOURCE: Am J Dis Child (United States), Jun 1990, 144(6) p727-31
AUTHOR(S): Bergman AB; Rivara FP; Richards DD; Rogers LW
AUTHOR'S ADDRESS: Harborview Injury Prevention and Research Center, Seattle, WA 98104.
MAJOR SUBJECT HEADING(S): **Bicycling [injuries]; Head Injuries** [prevention & control]; **Head** Protective Devices; Health Education [organization & administration]; Protective Devices
MINOR SUBJECT HEADING(S): **Accident** Prevention; Attitude to Health; Child; **Head Injuries** [epidemiology] [etiology]; Health Education [economics]; Organizational Objectives; Parents [education] [psychology]; Program Evaluation; Washington
INDEXING CHECK TAG(S): Human; Support, Non-U.S. Gov't; Support, U.S. Gov't, P.H.S.
ABSTRACT: Though **bicycle head** trauma is a significant cause of mortality and morbidity, much of which can be mitigated by wearing protective **helmets**, in 1986, few schoolchildren in the area of Seattle, Wash, were observed to wear **helmets**. We describe the mechanics of a multifaceted campaign undertaken to alter this situation, involving a coalition of health, **bicycle**, and **helmet** industry organizations. These were the major objectives: (1) to convince parents that riding **bicycles** without **helmets** is

POSSIBLE RELEVANCE

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Summaries Done

Database coverage designed for institutional and individual use

The Unabridged MEDLINE database, designed for institutional use, includes all current MEDLINE titles, including both English language and foreign titles. Unabridged MEDLINE is offered in disc sets covering the most recent three, six, ten or fifteen year periods, as well as the entire database back to 1966. The Core Journals database covers the primary biomedical journals, and is particularly suited to individual professional use. This collection of approximately 395 clinical titles includes all journals indexed in the Abridged Index Medicus. The Nursing database included with the Core Journals disc contains all of the Nursing Special List references from MEDLINE.

MeSH subject heading thesaurus with "Explodes"

The database includes the MeSH vocabulary file, including subject headings, cross-references and topical qualifiers. You use this MeSH thesaurus file to quickly identify correct or alternative subject search descriptors. Selected headings may optionally be combined with topical qualifiers to further refine your search strategy. *Knowledge Finder* lets you create MeSH "Explosions" - groupings of synonymous or related terms. The MEDLINE *Knowledge Finder* MeSH thesaurus contains most of the information contained in the MeSH "Green Books", including Annotated MeSH, Permuted MeSH, and Tree Structures.

"See-and-Use" operation

The *Knowledge Finder* user interface is highly intuitive. You need no prior training to use *Knowledge Finder* and to get quality search results from the database. The intuitive interface conforms to graphic interface standards, allowing you to quickly master all aspects of system operation. Help documentation, available at the touch of a key, suggests additional ways to use the system.

Powerful and economical hardware environment

Knowledge Finder runs on Microsoft® Windows™ and Apple® Macintosh® computers. You'll also need a compatible CD-ROM disc player with a suitable interface controller. Your small initial investment in a *Knowledge Finder* workstation will soon be offset by reduced online charges and increased searching productivity.

Multiple year coverage on a single or multiple CD-ROM compact discs

The Core Journals database is contained entirely on one CD-ROM disc, allowing you to rapidly search up to 5 years of citations at one time. Each year of the Unabridged MEDLINE database is published on a separate disc, letting you tailor a subscription that suits your individual needs. You can connect multiple CD-ROM players to a single computer, simplifying multiple disc searching.

Easy searching of multiple discs

You can search multiple discs easily and quickly. A single keystroke or button push ejects the disc you just searched; then you just insert the next disc to be searched. Your entire search strategy is saved automatically, so you can actually search the entire multiple year database without once touching the keyboard!

Frequent disc updates

Unabridged MEDLINE CD-ROM databases are updated and re-distributed monthly or quarterly. The Core Journals database is updated quarterly. MeSH subject heading vocabulary changes are updated annually.

Additional Features:

- Print selected articles to dot matrix or laser printers.
- Save selected articles in "export" disk file.
- User-defined formats for article display, print and export.
- Save and re-use search strategies.
- QuickSave entire search state.
- Create personal annotations associated with individual articles.
- User-selected fonts and sizes.
- Separate Word Dictionaries for use with Article and Thesaurus databases.
- Automatic inclusion of linguistic and word suffix variants in free-form search statements.
- User-defined search controls - result set size and level of relevance.
- Optional search activity logging.

Specifications

Database Contents	Full MEDLINE citations, as originated by the National Library of Medicine. MeSH Vocabulary File, including all cross-references, topical qualifier/subheading descriptions, and tree structures.
Journal Coverage	Core Journals: Approximately 380 primary medical journals, including all Abridged Index Medicus titles, plus all Nursing Special List journals. Unabridged MEDLINE: All currently indexed English and foreign titles.
Time Period Coverage	Core Journals: Current year plus 4 or 9 most recent years. Unabridged MEDLINE: Current year plus 2, 4, 10 or 14 most recent years, or complete back to 1966.
CD-ROM Update Frequency	Monthly or quarterly. December issue contains full current year content. March issue incorporates updated MeSH Vocabulary.
CD-ROM Disc Format	Conforms to ISO 9660 standard for Volume and File Structure of CDROM for Information Interchange.
Computer Required	Apple Macintosh Plus, SE, II or later. 4.0 MB minimum available memory. Hard disk drive (10MB available). System 6.0.5 or later. IBM or compatible 80286, 80386 or 80486. 8 MB minimum memory. Hard disk drive (10MB available). 640 x 480 VGA monitor. Mouse. Windows 3.1 or later, with Microsoft CD-ROM extensions.
Printer (Recommended)	Any compatible dot-matrix, inkjet or laser printer.
CD-ROM Player Required	Compatible player with SCSI (Small Computer System Interface) or other suitable controller. Please see current Equipment Specifications for a list of supported and recommended players.

About Aries Systems

Aries Systems Corporation was founded in 1986, to develop innovative information retrieval and dissemination products, with special emphases in the fields of biomedicine and science. *Knowledge Finder* is one of these products. Other products and services from Aries Systems extend the general information storage and retrieval architectures used in Knowledge Finder.

Ordering

To order Knowledge Finder, please contact:

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