



Designing and Implementing an Information Literacy Course for Undergraduate Medicine Students in Brazil

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ENSP-FIOCRUZ



Introduction

Subject & Methods

Results & Discussion

References



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Introduction

Curriculum reforms

ICTs, EBM, English, IL

IL as an answer

Describe IL course



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Subjects & Methods

Second year medicine students

97 arranged in 6 groups of 16 (1*17)

2 hour sessions, along 4 weeks

Moodle 1.9

Subjects & Methods

IL concept

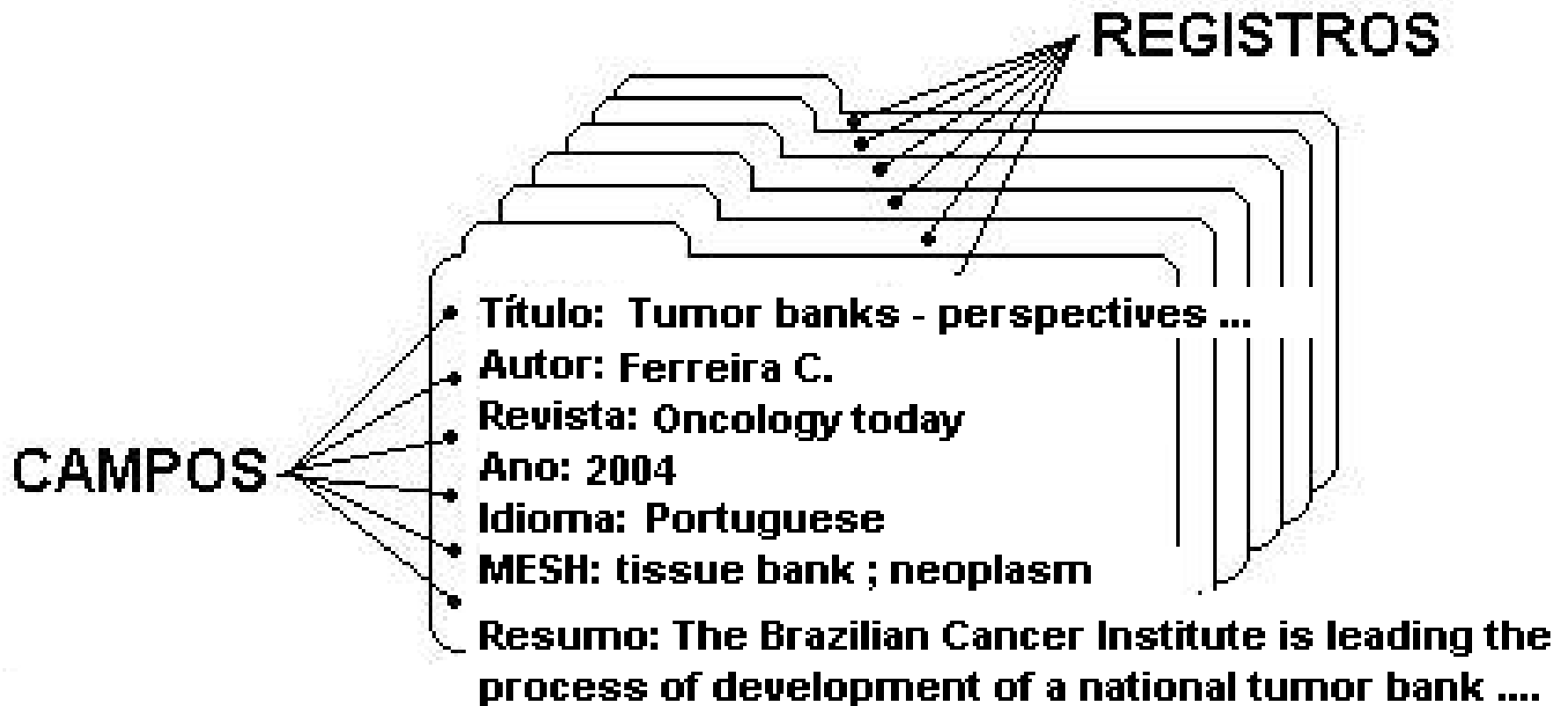
Local Internet infrastructure

Citation databases & journal portals

Boolean logic & search strategies

Written exam: ten exercises

MEDLINE Database Structure



MeSH Descriptors

Structure of MeSH

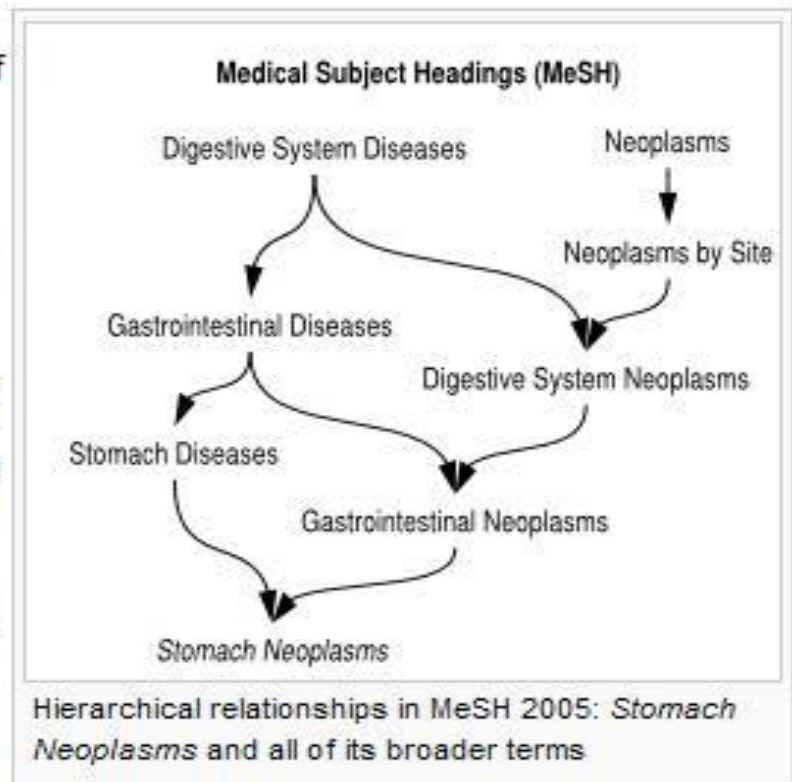
[edit]

The 2008 version of MeSH contains a total of 24,767 *subject headings*, also known as *descriptors*. Most of these are accompanied by a short description or definition, links to related descriptors, and a list of synonyms or very similar terms (known as *entry terms*). Because of these synonym lists, MeSH can also be viewed as a *thesaurus*.

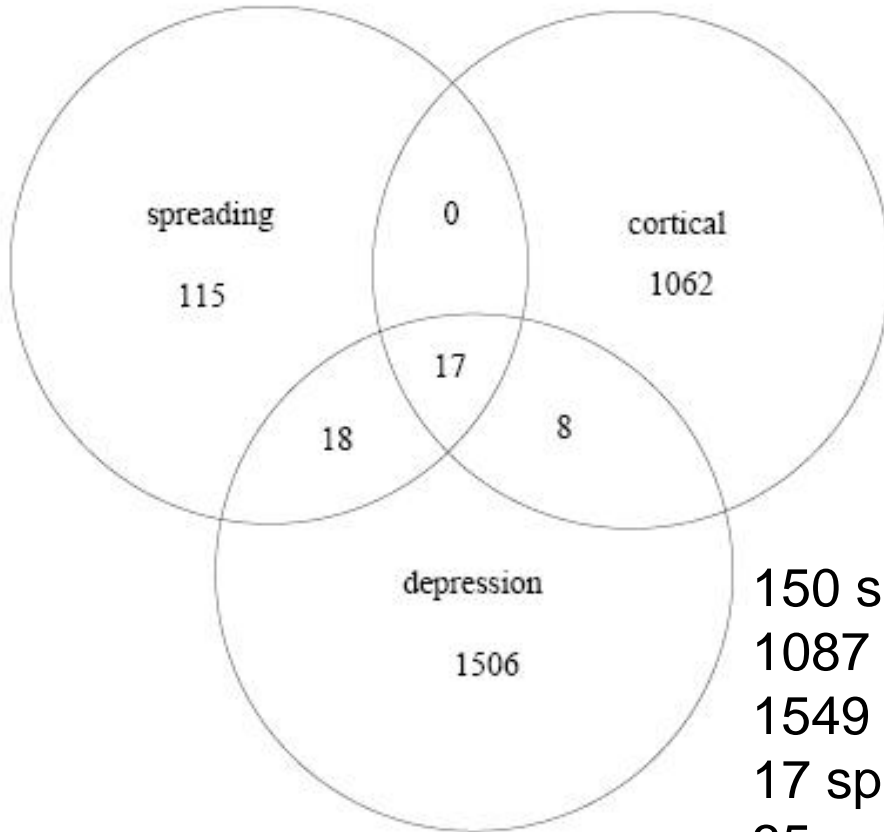
Descriptor hierarchy

[edit]

The *descriptors* or *subject headings* are arranged in a *hierarchy*. A given descriptor may appear at several places in the hierarchical tree. The tree locations carry systematic labels known as *tree numbers*, and consequently one descriptor can carry several tree numbers. For example, following the graphic at the right, C stands for Diseases, C06 for Digestive System Diseases and C06.301 for Digestive System



Boolean operators



150 spreading
1087 cortical
1549 depression
17 spreading AND cortical
35 spreading AND depression
25 cortical AND depression
17 spreading AND cortical AND depression

8 SEMANA 26/05 a 30/05 - Profa. Beatriz Vincent

- INTRODUÇÃO AO MODULO INFORMATION LITERACY → ⏪ ⏩ ⏴ ⏵
- MODULO 1 → ⏪ ⏩ ⏴ ⏵
- MODULO 2 → ⏪ ⏩ ⏴ ⏵
- MODULO 3 → ⏪ ⏩ ⏴ ⏵
- INTRODUÇÃO - INFORMATION LITERACY SERIES OVERVIEW → ⏪ ⏩ ⏴ ⏵
- INFORMATION LITERACY 2: SELECTING A TOPIC → ⏪ ⏩ ⏴ ⏵
- INFORMATION LITERACY 3: TYPES OF INFORMATION SOURCES → ⏪ ⏩ ⏴ ⏵
- INFORMATION LITERACY 4: LIBRARIES & LIBRARIES WEBSITES → ⏪ ⏩ ⏴ ⏵
- INFORMATION LITERACY 5: USING A LIBRARY CATALOG → ⏪ ⏩ ⏴ ⏵
- INFORMATION LITERACY 6: LOCATING MATERIALS IN THE LIBRARY → ⏪ ⏩ ⏴ ⏵
- ✓ Bases Bibliográficas em Saúde → ⏪ ⏩ ⏴ ⏵ 🧑
- ✓ Assistindo e resumizando os vídeos → ⏪ ⏩ ⏴ ⏵ 🧑
- ✓ Conceituando Information Literacy → ⏪ ⏩ ⏴ ⏵ 🧑

🔍 Acrescentar recurso... 🔍 Acrescentar atividade...



**Power-point
Templates**

**Youtube
Videos**

**Short written
Exercises
(15 quizzes)**

9 CONTINUAÇÃO


- INFORMATION LITERACY 7: ONLINE REFERENCE DATABASES → ⏪ ⏩ ⏴ ⏵
- INFORMATION LITERACY 8: ONLINE PERIODICAL DATABASES → ⏪ ⏩ ⏴ ⏵
- INFORMATION LITERACY 9: BROWSING & SEARCHING THE WEB → ⏪ ⏩ ⏴ ⏵
- INFORMATION LITERACY 10 → ⏪ ⏩ ⏴ ⏵
- INFORMATION LITERACY 11: PLAGIARISM AND CITATION STYLE → ⏪ ⏩ ⏴ ⏵
- VIDEO 12: A BASIC TUTORIAL ON SEARCHING THE WEB → ⏪ ⏩ ⏴ ⏵
- 📖 The New England Journal of Medicine → ⏪ ⏩ ⏴ ⏵ 🧑
- ✓ Free Medical Journals → ⏪ ⏩ ⏴ ⏵ 🧑
- ✓ Busca no LILACS por autor → ⏪ ⏩ ⏴ ⏵ 🧑
- ✓ Busca por descritor e revista na base LILACS → ⏪ ⏩ ⏴ ⏵ 🧑
- ✓ Busca por revista na base LILACS → ⏪ ⏩ ⏴ ⏵ 🧑




**Reading
Materials**

Mozilla Firefox

web.lampada.uerj.br/moodle/mod/quiz/reviewquestion.php?state=561781&number=1

	Camille Minali
Questionário:	Busca por autor e idioma no MEDLINE/PUBMED
Completado em:	sexta, 13 junho 2014, 10:53

1 

Notas: --/1

Luciana Tricai Cavalini

Quantas referências foram encontradas no total?

Quantos destes artigos foram escritos em Português?

Resposta: **Grupo 1 (seg 8h – 10h)**

Subgrupo: André Abreu, Camille Minali, Claudiane Dias, Fernanda Otsuka, John Lacerda, Kimberlli Nunes, Maria Cristina Von Paumgarten, Monaliza Gonzalez, Priscila Cataldo

Buscando por Cavalini Luciana na base MEDLINE/PUBMED foi encontrado 8 referencias, sendo 5 em português.

Student

Short written exercise

Question

Answer



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Results & Discussion

n=97

grades 3.7-10.0

mean=8.8 (SD=1.2); median=9

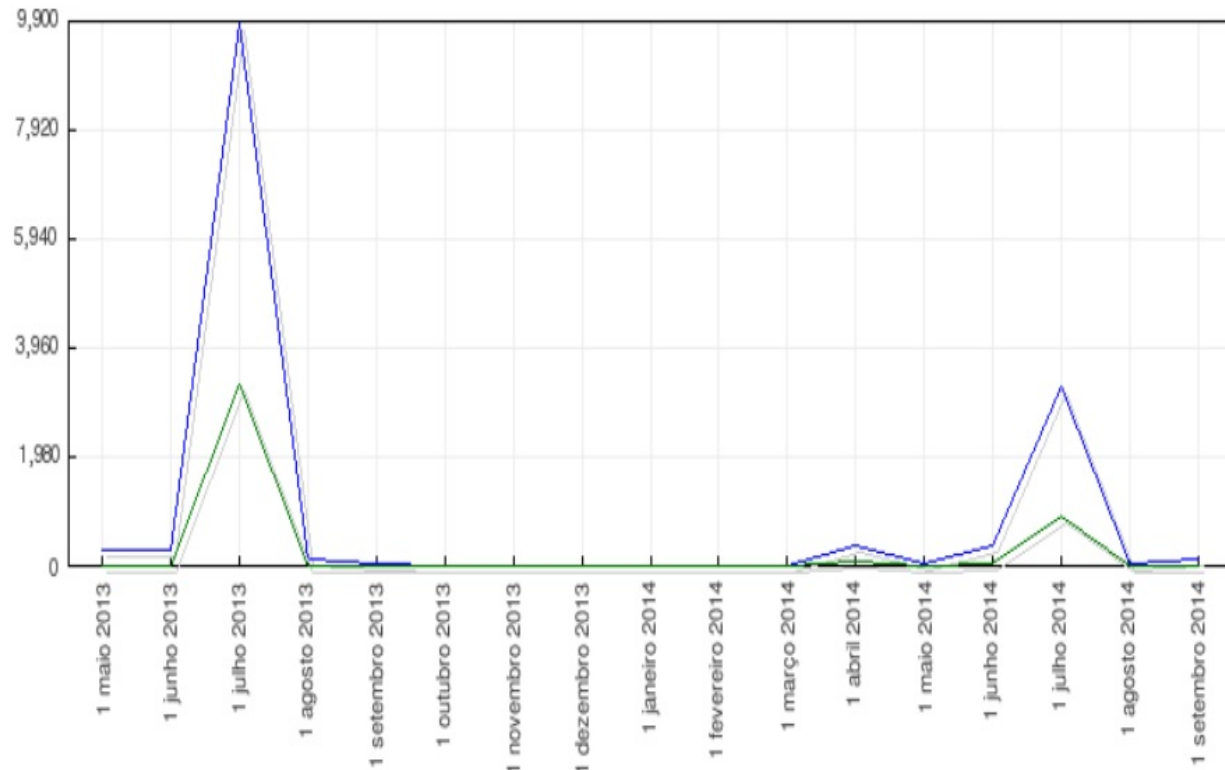
**Moodle on face-to-face use:
organizing materials & tracking
activities**

Class management

Relatórios ► Estatísticas

Curso	InfoMed	Tipo de relatório	Todas as atividades dos alunos (acessos e mensagens) Estudante	Período - último:	2 anos	Ver
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atividades dos alunos (acessos e mensagens) Estudante



Displaying overall access (hits)

■ Visitas
■ Mensagens

Active learning

▶ **Relatórios** ▶ Relatório de participação

Short
written
exercise

MAKING PUBMED SEARCHING SIMPLE

Olhar o verso

Escolher...

Mostrar s

Recurso Visualizações: view, view all

Recurso Mensagens:

Nome : **Todos** ABCDEFGHIJKLMNOPQRSTUVWXYZ
Sobrenome : **Todos** ABCDEFGHIJKLMNOPQRSTUVWXYZ

Página: 1 2 3 4 5 6 7 8 9 10 11 (Próximo)

Tracking access
to a particular
reading material

Nome ↓ / Sobrenome	Ver	Selecionar
Alessandra Filpo Ferreira da Silva	Não	<input type="checkbox"/>
Alessandra Paula	Não	<input type="checkbox"/>
Alexandre Leite Lopes e Silva	Não	<input type="checkbox"/>
<u>Alicia Sales Carneiro</u>	Sim (1)	<input type="checkbox"/>
Aline Rodrigues da Silva	Não	<input type="checkbox"/>

Results & Discussion

Class management

Active learning

Students with positive attitude

Model for ongoing learning methods



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References

Vincent B, Vincent M, Ferreira CG. Making PubMed searching simple: learning to retrieve medical literature through interactive problem solving. *Oncologist*. 2006 Mar;11(3):243-51.

U. S. National Library of Medicine. Introduction to Medical Subject Headings (MeSH). [cited 2014 Set 23]. Available from: <http://www.nlm.nih.gov/mesh/introduction.html>

Swanson DR. An introduction to Medline searching. Chicago: University of Chicago; 2003. [cited Set 23]. Available from: http://arrowsmith.psych.uic.edu/arrowsmith_uic/tutorial/swanson_medlinesearching_2003.pdf

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