

HIBBs Detailed Specifications

1. **HIBB Title:** Information Retrieval: Access to Knowledge-Based Resources
2. **HIBB Developer Name(s):** William Hersh, MD
3. **HIBB Developer Position(s):** Professor and Chair, Department of Medical Informatics & Clinical Epidemiology
4. **HIBB Developer Affiliation(s):** Oregon Health & Science University
5. **Content Creation Date:** 1 November 2010
6. **Submission Date:** 5 November 2010
7. **Financial Support for Development of HIBB Provided by (grantor, parent institution, etc., if applicable):** N/A
8. **Language of HIBB (select one from list):** English (American)
9. **General Topic Area:** Information Retrieval
10. **Abstract of HIBB :**

This HIBB provides an overview of information retrieval (IR), also known as search, applied to knowledge-based resources in the biomedical and health domain. The HIBB begins with definitions of key terms in the field. This is followed by a description of the components of IR systems. The remainder of the HIBB describe the types and provides examples of knowledge-based resources, including bibliographic, full-text, annotated, and aggregated resources.
11. **Learning Objectives :**
 - 1) Define the key terms of information retrieval.
 - 2) Understand the purposes and techniques used for indexing and retrieval.
 - 3) Be able to access bibliographic, full-text, annotated, and aggregated resources of biomedical and health content.
12. **Keywords Describing HIBB :**

Information retrieval
Search
Indexing
Retrieval
13. **Intended Audience:**

Health care professionals seeking knowledge-based information.
14. **Competencies/Skills that HIBB Addresses:**

Searching
Information seeking

15. Related HIBB(s). Indicate whether this HIBB is a:

- a. Adaptation of an existing HIBB: indicate title and ID#
- b. Translation of an existing HIBB: indicate title and ID#
- c. Part of a series
- d. **Not applicable**

16. Level of Computer/Health Informatics Knowledge Needed to Understand Content of HIBB:

- a. Novice: "I have never done this"
- b. **Advanced beginner: "I have done this a little"**
- c. Competent: "I am good at this"
- d. Proficient: "I am great at this"
- e. Expert: "I am an expert at this"

17. Specific Educational Pre-requisites for Use of HIBB:

- a. Related health informatics course
- b. Previous use of specific software
- c. **Familiarity with use of computers (and Internet)**
- d. Pre-requisite HIBB
- e. Other _____
- f. No specific pre-requisite

19. Literacy Level Needed to Understand Content of HIBB:

- a. University or post-graduate reading level
- b. **High school reading level**
- c. Elementary school (rudimentary) reading level

20. List all Components and Files Included in the HIBB Module in Table 1:**Table 1: HIBB Components and Files**

Component Type	File Name	Type of File ²	Size of File	Duration/length of component
PPT slides	InformationResources.ppt	Microsoft PowerPoint	2,153 KB	29 slides
Voice over PPT Flash	IR.zip	Zip archive of Flash files	6,833 KB	31:37
Audio of PPT narration	IR.mp3	MP3 audio only	29,647 KB	31:37
Assessment/quiz	IRSA.doc	Microsoft Word	27 KB	3 questions
Bibliography	IR Refs.pdf	PDF	130 KB	1 page
Slides Handout	InformationResources.pdf	PDF	144 KB	15 pages
Audio Transcript	IRTranscript.doc	PDF	138 KB	8 pages

20. **Use of HIBB Content in Prior Training. Provide the following information about the HIBB:**
- a. **Training venue including name of institution (e.g., academic health informatics training course; inservice training; other).** academic health informatics training course
 - b. **Type of training:** distance learning
 - c. **Year most recently offered in training:** 2011
 - d. **Number of times offered in training:** 12
 - e. **Number and type of students (e.g., nurses) that received training:** several hundred, varied
 - f. **Results of evaluation of use of this content in prior training if available:** n/a