Adapting a New Model for Library Orientation: The Clinical Case Presentation

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DATABASE
INTERLIBRARY LOAN
SUBJECT HEADING
MICROFILM
REFERENCE
PERIODICAL
BINDERY
RETURN
RECALL
CALL NUMBER
BIBLIOGRAPHY
RENEW
COPYRIGHT
ANNUAL
CURRENT PERIODICALS
CLASSIFICATION SYSTEM
INDEX UNION CATALOG
ACCESS TOOL
INDEX
FIELD MICROFICHE
COPYRIGHT
EDITION
STORAGE
STACKS
CARD CATALOG
SERIAL
OVERSIZE
MONOGRAPH
ACCESSION NUMBER
BOUND PERIODICAL
REFERENCE
RESERVE
BOOLEAN LOGIC
BINDERY
ABSTRACT
DUE DATE
HOLDINGS
CITATION
SECONDARY SOURCE
RESERVE
Medical Education 101
UVMMC Residency Departments

- Anesthesiology
- Dental
- Dermatology
- Family Medicine
- Internal Medicine
- Neurology
- Neurosurgery
- Obstetrics & Gynecology
- Orthopedics
- Otolaryngology
- Pathology
- Pediatrics
- Pharmacy
- Psychiatry
- Radiology
- Surgery
- Urology
Accreditation Council for Graduate Medical Education (ACGME)

ACGME 6 Core Competencies:
1. Practice-Based Learning & Improvement
2. Patient Care & Procedural Skills
3. Systems-Based Practice
4. Medical Knowledge
5. Interpersonal & Communication Skills
6. Professionalism
Practice-Based Learning & Improvement

To demonstrate this core competency, physicians must be able to access and review scientific information in medical journals and published clinical studies and apply this information to each patient’s needs.
Traditional Orientation

Library Tour

Lecture
(You know who these guys are)  (Like a medical version of Wikipedia)
Patient Case Presentation Model

• **CC** - 62 year old man presenting b/c of fever & cough for 2 days
• **HPI** - Well until 10 days ago, when he developed nasal congestion, sore throat, low grade fever. Reports diffuse muscle aches & mild nausea; denies chills, chest pain, headache, still neck or abdominal pain. No recent travel, no TB exposure. Chronic cough
• **Social** – Works as banana importer & is married with 2 children. No unusual travel

• **PMH** – MI 3 years ago w/o complications, stress test before discharge, no subsequent workup
  • Meds – Diltiazem-CD 180 mg QD
  • Allergies – None known
  • Smoking – 1 ppd for 40 years
• **Family** – Father: CVA age 64, Mother: Alice & well, Sister: Lyme Disease; No cancer, heart disease
• **ROS** – General: 20 lb weight loss over 6 mo w/o dieting, no fevers, sweats; HEENT: No trauma, dizziness, headaches
Clinical Information Need:
Information on the genetics of retinoblastoma for use in a presentation to other physicians and residents.

Outline of New Library Orientation:
1. Information Case Presentation
2. Plan (Introduction to Library Resources)
   • Dana Medical Library Website
   • CATQuest (Library Catalog)
   • Pediatrics Research Guide
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Case Presentation Formats

Clinical Case Presentation
• Chief Complaint (C/C)
• History of Present Illness (HPI)
• Past Medical History (PMHx)
• Medications (MEDS)
• Social History (SOC Hx)
• Family History (FAM Hx)
• Review of Systems (ROS)
• Allergies/Reactions (All RXNS)
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**Information Case Presentation**
- Chief Complaint (C/C)
- History of Present Information Need (HPIN)
- Past Information History (PIHx)
- Social History (SOC Hx)
- Family History (FAM Hx)
- Review of Information Systems (ROIS)
Pediatrics

Drug Information
- Micromedex Healthcare Series
- LactMed: Drugs and Lactation Database

Diagnostic Tools
- Diagnosaurus
- VisualDx

Answers to Clinical Questions
- AccessMedicine
- ClinicalKey
- DynaMed Plus
- OMMBID
- Red Book Online
- UpToDate

Find the Evidence
- ACP Journal Club
- Cochrane Library
- National Guideline Clearinghouse
- AccessMedicine - Patient Education
- Choosing Wisely
- ClinicalKey - Patient Education

Search for Journal Articles
Web Sites
Final thoughts...
Any Ideas?
Strengths

Weaknesses

Opportunities

Threats

SWOT
**Strengths**
- Multidisciplinary
- Large # of journals
- Lots of full text
- Good limits

**Weaknesses**
- Inconsistent indexing
- Lots of non-scholarly stuff
- Citation export a little confusing
- Doesn’t contain all journals in specific discipline

**Opportunities**
- What would be an opportunity?

**Threats**
- Key journals pulled out by publisher
- What else?
Background research?

Select resources to search?

Run searches?

Review results, revise if necessary, repeat?

I. EMPATHIZE
Develop a deep understanding of the challenge

II. DEFINE
Clearly articulate the problem you want to solve

III. IDEATE
Brainstorm potential solutions Select and develop your solution

IV. PROTOTYPE
Design a prototype (or series of prototypes) to test all or part of your solution

V. TEST
Engage in a continuous short-cycle innovation process to continually improve your design

http://www.blendmylearning.com/2014/05/28/using-design-thinking-to-develop-personalized-learning-pilots/
BONE MARROW: ACUTE MONOCYTIC LEUKEMIA
Jerad Gardner, MD Pathologist (Dermpath & Sarcoma) at U of Arkansas. Deputy Editor-in-Chief @ArchivesPath. I diagnose cancer via microscope. Buzzfeed wrote about me. youtu.be/L6W3ue05t4c
“My goal is to share good medical knowledge. Best way to do that is to post in the format that people like to receive info from.”

--Dr. Jered Gardner
спасибо
GRACIAS
谢谢
THANK YOU
ありがとうございました
MERCI
DANKE
धन्यवाद
شكرًا
OBRIGADO