

PHAR 505 – Abilities Lab 1
Lab Week 8 – Amazing Race Activity
Fall 2019

T H E A M A Z I N G
R A C E

Drug Information Edition

Instructions:

1. Split into groups of 4 people.
2. Come up with a team name and choose a team captain.
3. Send your captain down to the podium to write your team's name on the screen and collect answer sheets for your team.
4. Write your team's name at the top of your answer sheets for all four (4) legs of the race.

Rules:

- There are 4 legs with 4 questions each. For each leg, you are only allowed to use the specified resource to answer the questions.
- Every team member must complete an answer sheet for each leg and your team captain must bring all answer sheets to an instructor for scoring. **Every team member's answer sheet must be filled out correctly before your team can receive the next set of clues.**
- The first three teams to complete all four legs of the race will win a prize!

Note for facilitators:

Facilitators are needed to help score answer sheets and to ensure that teams are following the rules. Please arrive 10 minutes early to the class so that Emily can organize these roles and answer any questions about the materials.

Leg 1 – Pharmacy Subject Guide

For this leg, use only the Pharmacy Subject Guide - <http://guides.hshsl.umaryland.edu/pharmacy>

1. List **two mobile resources** that are available for finding drug and clinical information. **(any 2 are acceptable)**
 - a. Micromedex Drug Information, Drug Interactions, and IV Compatibility
 - b. Epocrates
 - c. LactMed App
 - d. Drug Information Portal Mobile
 - e. TOXNET Mobile
 - f. Orange Book Express
 - g. About Herbs
2. List **two** sources of patient-friendly health information. **(any 2 are acceptable)**
 - a. MedLine Plus
 - b. Understanding Prescription Medication Labels
 - c. About Herbs
 - d. HealthReach
 - e. Micromedex
 - f. Lexicomp Online (just Lexicomp is also acceptable)
 - g. UpToDate
3. List **three** databases you could use to find scholarly journal articles. **(any 3 are acceptable)**
 - a. PubMed
 - b. Embase
 - c. International Pharmaceutical Abstracts
 - d. Cochrane Library
 - e. SciFinder
 - f. Scopus
4. Name a resource you could use to find information on complementary and alternative medicine. **(any 1 is acceptable)**
 - a. Cancer.gov—Complementary and Alternative Medicine
 - b. FDA: Dietary Supplements
 - c. IBIDS Database
 - d. MedlinePlus: Complementary and Alternative Medicine
 - e. Center for Integrative Medicine (CIM) at University of Maryland School of Medicine
 - f. Memorial Sloan-Kettering Cancer Center (MSKCC) – About Herbs, Botanicals & Other Products
 - g. NCCIH: National Center for Complementary and Integrative Health
 - h. Quackwatch

- i. Natural Medicines
- j. CAM on PubMed
- k. Cochrane Complementary Medicine
- l. Complementary medicine in clinical practice : integrative practice in American healthcare
- m. Mosby's complementary & alternative medicine : a research-based approach
- n. Natural alternative and complimentary health care practices
- o. Textbook of complementary and alternative medicine
- p. The ACP evidence-based guide to complementary & alternative medicine
- q. WHO global atlas of traditional, complementary and alternative medicine
- r. BMC Complementary and Alternative Medicine
- s. Evidence-based Complementary & Alternative Medicine
- t. Natural Health

Leg 2 – OneSearch

For this leg, use the OneSearch tool on the library homepage – www.hshsl.umaryland.edu

1. What is the **HS/HSL** location and call number of the **2018 edition** of the *Harriet Lane Handbook*?
 - a. Health Sciences Reserve Desk, RJ48 .H35 2018
2. In what formats is *Harrison's Principles of Internal Medicine* available?
 - a. Print and electronic (eBook is also okay)
3. List **all** of the locations where the **2014 edition** of *Pharmacotherapy: A Pathophysiologic Approach* (edited by DiPiro) is available.
 - a. Health Sciences 5th floor stacks, Shady Grove Library Course Reserves
4. How many copies of the **2013 edition** of *Applied Therapeutics: The Clinical Use of Drugs* are available at the HS/HSL?
 - a. 3

Leg 3 – Micromedex

For this leg, use only the Micromedex database (accessible from the library homepage).

1. EB has a history of motion sickness and is planning to use **scopolamine** patches on an upcoming cruise with her family. She wants to make sure it is okay for her to use this medication, as she also takes **lisinopril** for hypertension, **bupropion** for depression, and has a **sulfa allergy**. Are there interactions between any of these drugs? If so, list the drugs and the severity of the interaction.
 - a. **Scopolamine and bupropion hydrochloride, Major (also okay if they say bupropion and leave out the hydrochloride)**
2. What are the FDA approved indications (uses) for alprazolam (Xanax)?
 - a. **Anxiety and Panic Disorder**
3. How many languages is the CareNotes DrugNote on regular insulin available in?
 - a. **15**
4. Using Drug Comparison, compare Zyrtec (cetirizine hydrochloride) and Claritin (loratadine). Which drug has more adverse effects?
 - a. **Zyrtec (cetirizine hydrochloride is also acceptable)**

Leg 4 – Lexicomp

For this leg, use only the Lexicomp database (accessible under “Databases” link on the library homepage).

1. An unidentified peach oblong tablet has 018 imprinted on one side. What drug is it (generic name)?
 - a. **Fexofenadine**
2. DK takes atomoxetine (Strattera) to treat her ADHD and recently found out she is pregnant. She wants to know whether it is safe for her to continue taking this medication during her pregnancy. Locate the *Briggs Drugs in Pregnancy and Lactation* monograph for atomoxetine. What does it say under **Pregnancy Recommendation**?
 - a. **Limited human data, animal data suggest risk**
3. Look up the IV compatibility of Benadryl (diphenhydramine hydrochloride), lorazepam, and ampicillin sodium. Which pair of drugs is compatible in the Y-Site? (**brand or generic names acceptable**)
 - a. **Benadryl and lorazepam**
4. What is the **geriatric** dosing of immediate release clonidine?
 - a. **Initial 0.1 mg once daily at bedtime, increase gradually as needed**