

Anatomy & Physiology Task Booklet

Participant Number

Date

Consent Form

Purpose

You have been asked to participate in a usability evaluation for a paper prototype of an Animal Anatomy and Physiology eLearning application I am developing. By participating in this activity, you will help me make the application easier to learn and use. This activity is meant to help me develop my product; it is not intended to test your individual performance in any way.

Evaluation Procedure

You will be asked to complete tasks using a paper prototype of my website which will require navigating to the appropriate page. You will be asked questions before you start work on the tasks. After each task, you will be asked a question or two about the task you just completed. Then, after you complete all the tasks, you will be asked questions about the website as a whole.

While you work, I will make note of how you use the prototype. I WILL NOT record or videotape you.

Confidentiality

I will use the information you give me, along with the information I collect from other participants, to improve my eLearning application. To ensure confidentiality, I will not associate your name with your data.

Non-Disclosure Agreement

During this evaluation, I will ask you to work with an unannounced product. Any information you acquire relating to this product is confidential and proprietary, and is being disclosed to you only so that you can participate in this evaluation. By signing this form, you agree that you will not tell any of this information or anything about this product to anyone else.

Breaks

There will not be a scheduled break. However, you may take a break at any time. Merely inform me that you would like to do so.

Freedom to Withdraw

You may withdraw from the activity at any time without penalty.

Freedom to Ask Questions

If you have any questions, you may ask me now or at any time during the evaluation.

If you agree to these terms, please indicate your acceptance by signing below:

Signature _____

Printed Name: _____

Date: _____

Pre-Evaluation Questions

Please circle the appropriate choice.

1. *What is your major in college?*

Biology

Zoology

Microbiology

Chemistry

Biochemistry

Other

2. *What year in college are you?*

Freshman

Sophomore

Junior

Senior

3. *Have you taken an anatomy class?* YES NO

4. *Have you taken a physiology class?* YES NO

5. *Do you use a computer?* YES NO

6. *Have you used the internet to find information relevant to anatomy and physiology?* YES NO

7. *Have you used an eLearning program, in any area, in the past six months?* YES NO

Task 1

<i>Scenario</i>	<i>Task</i>
<i>In your Anatomy and Physiology class the other night, the professor described blood flow in the canine heart, but you are not sure you got all the details correct.</i>	<i>Use the website to find the discussion of blood flow in the heart.</i>

Task 1 Evaluation Questions

1. *How easy or difficult was it to complete the task?*

1 – Very easy 2 – Easy 3 – Neither Easy nor Difficult 4 – Difficult 5 – Very Difficult

2. *How easy or difficult was it to find the selection in the menus you wanted?*

1 – Very easy 2 – Easy 3 – Neither Easy nor Difficult 4 – Difficult 5 – Very Difficult

Task 2

<i>Scenario</i>	<i>Task</i>
<i>Now that you've read the discussion of blood flow, you would like to look at the animated diagram.</i>	<i>Use the website to find the animated diagram of blood flow in the heart.</i>

Task 2 Evaluation Questions

3. *How familiar or unfamiliar where the terms?*

1 – Very easy 2 – Easy 3 – Neither Easy nor Difficult 4 – Difficult 5 – Very Difficult

Task 3

<i>Scenario</i>	<i>Task</i>
<i>In your Anatomy Lab, you dissected the heart. You find that you retain your anatomy better if you draw and label your own diagrams.</i>	<i>Use the website to find diagrams of the heart that you can color and label.</i>

Task 3 Evaluation Questions

4. *How easy or difficult was it to find the selection you wanted?*

1 – Very easy 2 – Easy 3 – Neither Easy nor Difficult 4 – Difficult 5 – Very Difficult

Task 4

<i>Scenario</i>	<i>Task</i>
<i>Recently at the veterinary hospital where you work, the veterinarian told you the dog you are restraining for examination has congestive heart failure.</i>	<i>Use the website to find information on congestive heart failure.</i>

Task 4 Evaluation Questions

5. *How familiar or unfamiliar where the icons?*

1 – Very easy 2 – Easy 3 – Neither Easy nor Difficult 4 – Difficult 5 – Very Difficult

Task 5

<i>Scenario</i>	<i>Task</i>
<i>You want to test your knowledge of the heart.</i>	<i>Use the website to find review questions on the heart.</i>

Task 5 Evaluation Questions

6. *How easy or difficult was it to complete the task?*

1 – Very easy 2 – Easy 3 – Neither Easy nor Difficult 4 – Difficult 5 – Very Difficult

Post-Evaluation Questions

7. *How do you rate the overall ease of use or difficulty of the website?*

1 – Very easy 2 – Easy 3 – Neither Easy nor Difficult 4 – Difficult 5 – Very Difficult

8. *How easy or difficult was it to navigate the website?*

1 – Very easy 2 – Easy 3 – Neither Easy nor Difficult 4 – Difficult 5 – Very Difficult

9. *How familiar or unfamiliar where the terms?*

1 – Very easy 2 – Easy 3 – Neither Easy nor Difficult 4 – Difficult 5 – Very Difficult

10. *How familiar or unfamiliar where the icons?*

1 – Very easy 2 – Easy 3 – Neither Easy nor Difficult 4 – Difficult 5 – Very Difficult

11. *What do you like least about the product?*

12. *What do you like best about the product?*

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Animal Anatomy & Physiology

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Muscular

Nervous

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Reproductive

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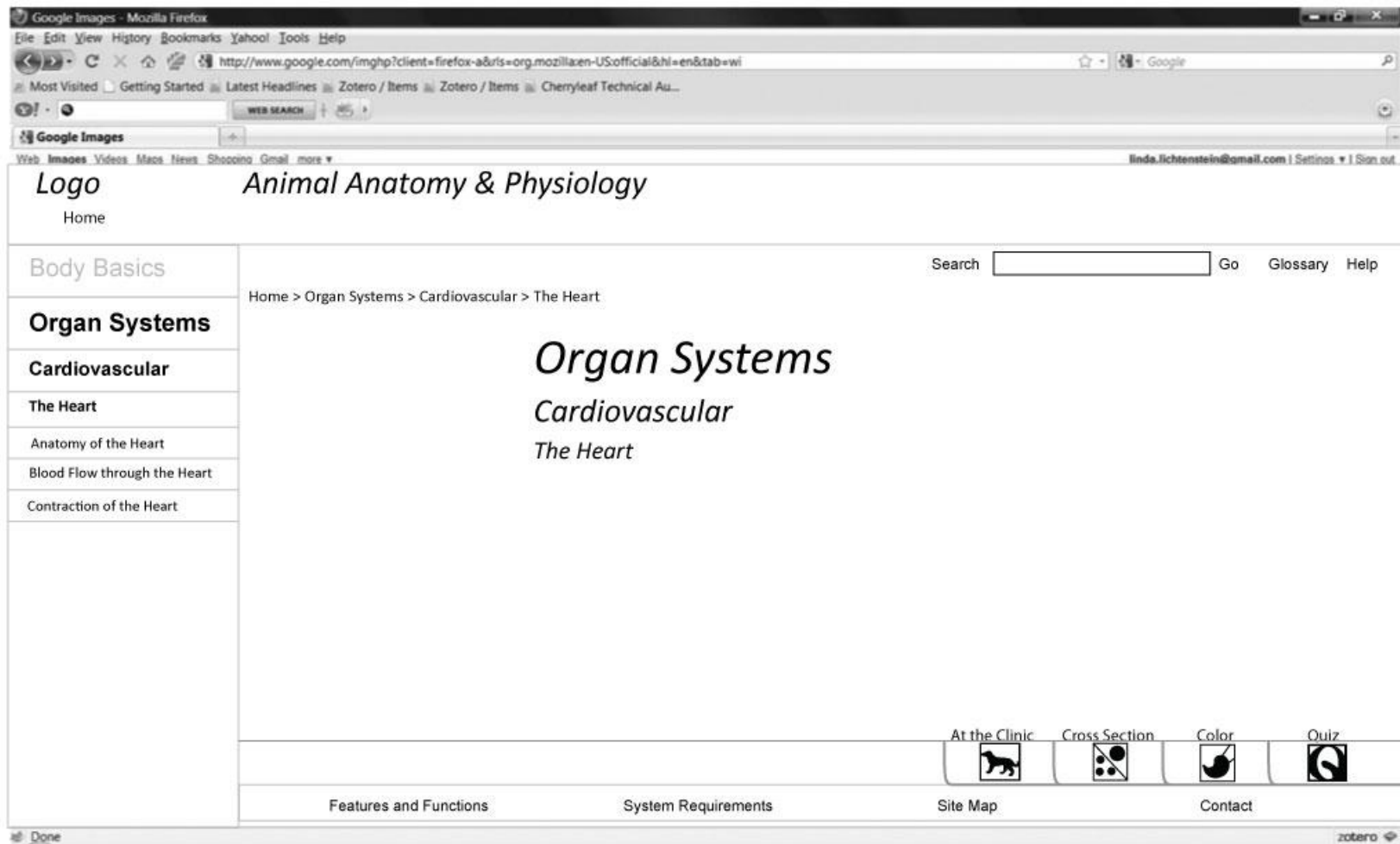
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Anatomy of the Heart

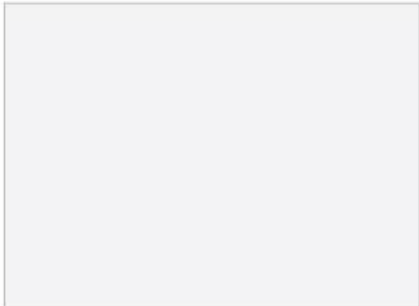
- Location of the Heart
- Heart Interior Diagram
- The Pericardium
- The Heart Wall
- The Heart Chambers**
- The Heart Valves
- Heart Exterior Diagram

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The Heart Chambers



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Blood Flow

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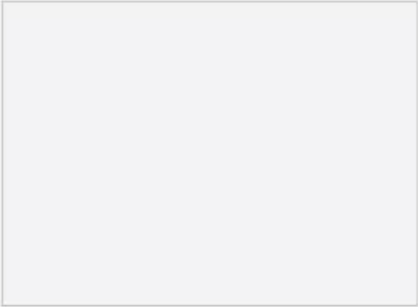
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Pericarditis





Dilated Cardiomyopathy (DCM)

Congestive Heart Failure (CHF)

Heart Worms

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