Interactive Pathology Module

● There is a companion 5-min [instructor training video](#) that you can view in addition to this document.
● The hyperlinks in this document give you a 5-10 sec video description of the corresponding item.
● The site is fully iPad and PC compatible (but only with SAFARI or CHROME, not IE)

LOGIN PAGE:

Select "Instructor"
Select the appropriate Module (e.g. YMS-II Heart 2 - Aorta).
There will be a note as to when the lab is beginning (or if it is an active lab).
Enter the password: your last name + your 3 digit code (e.g. smith849).
The first time you log into a lab, it will ask you if you want to sent up a room for you -- click OK.
Students login and choose your room by selecting your last name. They do not require a password.
Before the lab, students can self-navigate the lab and questions but not answers.
After the lab, students can view both the questions and answers.

Options:

If you are previewing the lab (e.g. before the lab) on your computer, you can select "Also Login As Student In Separate Window" to show a student window alongside an instructor window. This is just to show you how your window and the students' windows are linked.

The Limited Text Option shows the question and answer text only to you and NOT the students. If you select this option, you will have to talk through the Q&A with the students.

Click LOGIN

The image information loads at the beginning so I would log into the site a few minutes before the lab if you are using a wireless connection (e.g., an iPad).

STARTUP PAGE:

The first page in the lab lists the lab title, objectives, keywords, and links. The PRINTOUT button displays the whole lab in a flat text (and image) format – if you prefer to preview the lab in this format.

NAVIGATING THE SITE:

The SImple Way:
    Whichever button is green, press it to advance through the lab (e.g. Next Page, Show Answer, Back).

The More Personalized Method:
    Use the "PAGES" button to access a list of the page titles.
    Tap on the titles to select a page (the thumbnails are not shown to the students).
    When you find a page - press the "POST" button and the students will see the page.
        The default is to display ALL of the images.
    However, when previewing the pages, you can select a few thumbnails to show by clicking on them
        (they will be outlined in yellow) - and then press "POST". When you return to the thumbnail page any
        images that you have zoomed in on will have a red "X" on their top left corner so you know you have
        discussed them already.

USING THE PAGES:
Anything you do will be reflected on the student's screens:

Most pages display one or more images in a grid ("grid view").
The image captions are (initially) only displayed on your screen.
Tap on an image to enlarge it ("zoom view"). Tap again to reduce it.
Draw on images (Click the "Clear" button to erase).
To move to the next or previous image on the page while in zoom view, press ◄ or ►.
If you are using an iPad, you can do a 2-finger swipe to go between images.

There are several image types:

- TAP-TO-ZOOM images have blue-green rectangles that you can tap to zoom in on important details (sort of like an annotated virtual slide). To hide the rectangles, press the CLEAR button. Clicking or tapping on the image will show them again.

- POWER images have clickable circles on the lower right that allow you to increase or decrease the "microscope" power.

- CT SLICE images have a gray bar at the bottom that allow you to move through the slices.

When you are ready, press the "SHOW ANSWER" button. This will:

1) Change the top text to the answer.
2) Display the image captions to you AND the students.
3) In some cases, it will annotate the images (e.g. with highlighted features).
4) For some images, it will add an additional annotation box with detailed info.
   (These boxes are placed over the images and are tiny until you zoom in on an image).
5) A pen icon will appear (lower right-hand of each image) if there are multiple annotations on that image.

There are a couple of special page types:

- "FAMILY FEUD" pages have a list of text items displayed as bars across the page.
  As students shout out correct answers, tap the corresponding bar to reveal that answer.
  If you want to show all of the answers, press the "Show Answer" button.
- SURVEY page appears at the end of a lab and allows students to evaluate the quality of the lab.
  The students can also fill out the survey after the lab at home.
- POLL pages allow students to select answers by clicking on text/bars, labeling images, or drawing on an image. Some pages have a poll already set up. You will know this because the "SHOW ANSWER" button will be replaced with a "SHOW POLL RESULTS" button. The different poll types are described below

OPTIONS (advanced features):
  The options button allows you to access **advanced features** -- polling, allowing student control, etc.

• CEDE CONTROL
  This option allows you to temporarily give the students the power to zoom in on images and draw on them. What they do will be reflected on everyone's screen.
  This is useful if a student wants to point out a feature and ask a question about it.
  To regain control, press the REGAIN CONTROL button.

• POLL
  There are several poll types, depending upon the page setup:

  • DRAWING polls allow the students to draw (circle) their answers on the displayed image(s).

  • DRAG AND DROP polls allow the students to drag and drop captions to the correct images.

  • IMAGE CHOICE polls let students select one or more images as their answer.

  • TEXT CHOICE polls let students select a text choice as their answer by tapping on it.

  Running a poll:
      As described above, some pages automatically begin in poll mode. However you can perform
          your own polls at any time by doing the following:
      Click the OPTIONS button, then the POLL button, then select the polltype you want from the
          available choices.
      Once you select a poll type, the poll will begin and students can enter their answers
       The number of students responding as well as their composite answers will
          be continuously updated ON YOUR SCREEN ONLY.
      For a drawing poll:
          All of the student's drawn answers will be displayed.
      For multiple choice polls (Image or Text):
          The number of students selecting each choice is displayed in the selection box.
          If this is your own poll, as the instructor you can select the answers you want to be
              correct, and the student's responses will be graded accordingly.
      For drag and drop polls:
          The number of students answering each choice correctly is displayed.

      When enough students have answered, press the SHOW POLL RESULTS button and:
          The groups responses (as described above) will be displayed to everyone .
              (For drag-and-drop polls students see the number of students agreeing with them not
              the number of students answering correctly.)
          If there are pre-programmed answers, the student's responses will be corrected

      Press the SHOW ANSWER button to show the answer text and image captions.

• SPLIT
  This feature is meant to allow students using iPads in groups to work together by using their iPads as one large split screen. The JOIN button undoes this function.

• REMOVE
  If you are going through multiple images and want to eliminate them one-by-one once you are done talking about them, you can press the "REMOVE" button when the image you want to remove is displayed. The other images on the page will remain. You can always retrieve the removed image by pressing the "PAGES" button and reselecting it.

QUESTIONS?

    email me at robert.camp@yale.edu