The video manual can be found at

https://www.youtube.com/watch?v=8fOYwzjwIAc

In this video we demonstrate eeDAP in digital mode. There is not registration with the microscope in digital mode. The video shows an example set of generic tasks. The text displayed is generic and can be customized in the input file. New tasks can be created by starting with these generic tasks with a little bit of Matlab programming. The text below is a little different from the video for clarity and to provide more information.

eeDAP (source and pre-compiled, license-free executable) can be found at <https://github.com/DIDSR/eeDAP/releases>

# Script

0:00 eeDAP digital mode, digital mode is where you can exam the specimens from a digital WSI. Users will be asked to answer few tasks

0:13 First you will need to open up eeDAP. This may take a while

0:23 Select your input file. (An input file must be created ahead of time. In digital mode it specifies the images in the study, the ROIs, and tasks.)

0:33 After selecting your input file, click on “Extract the ROIs”. (The ROIs are pre-extracted to speed up eeDAP).

0:43 Select the digital model and click “Start the Test”.

0:50 First you will need to enter your reader ID or user ID and click “Next”.

0:59 For the slider task, on a scale 0-100, rate the tissue according to the question using the slider or typing in a number.

1:06 For the select region task, click on the image to select the location that best answers the question provided. The location selection will be circled in red.

1:14 For the radio 1 of 4 task, select the button that best answers the question provided.

1:20 Here is another example of a selecting region task. Users are to select location that best answers the question provided.

1:28 Here is an example of a counting task. Enter the number of cells that best answer the question provided. You can hide or show the reticles at any time.

1:36 At this point, the user has completed the digital mode.