Thank you for your interest in the WSI working group. If you are not already a member of the working group communication portal, please create an account at <https://nciphub.org/> and then “join” our group at <https://nciphub.org/groups/wsi_working_group>. It will be extremely useful (but not required) for you to add your affiliation and create a short biography to your profile. If you have a professional web page describing your affiliation and research interests, you can just add that url.

Our goal for the WSI WG is to discuss and study the evaluation of WSI. Endpoints from the discussions and evaluations may inform usage of WSI for end users (pathologists) and may provide direction for manufacturers to improve their devices, if necessary. This is a scientific effort only, and is not intended to address regulatory questions, although some of the outputs of the working group may inform future regulatory considerations. We would like to know your opinion on how best to direct the activities of the WG and value your opinion. This working group will only be successful if members step forward with their ideas, resources, and effort.

Please see the pre-publication version of an editorial outlining the goals of the WG organizers at <https://nciphub.org/resources/604> as a starting point for formulating your responses.

Thank you for your time and consideration while filling out this survey. Don’t feel constrained by the exact questions or options provided; edit this document however you need to make your point. Please take this opportunity to impact the direction of this working group.

Send responses to [Digipath@fda.hhs.gov](mailto:Digipath@fda.hhs.gov).

We would appreciate your response by Feb. 1, 2015.

1. **Please tell us your role.  
   Feel free to briefly describe your expertise or background**

* Pathologist
* Computer scientist
* Healthcare manager
* Engineer
* Vendor
* Academic Researcher
* Regulatory scientist
* Trainee
* Other (please explain)

1. **Please tell us your main interest area.  
   Mark all that apply.**

* Using WSI to do my job as a pathologist
* Selling/making/improving WSI devices as a vendor
* Evaluating pathologist-computer interaction and optimizing the interface
* Evaluating technical performance:
  + metrics of image quality and assessment of components in imaging chain.
* Understanding technical performance:
  + correlating technical properties to diagnostic tasks and pathologist performance.
* Evaluating pathologist performance:
  + quantifying task-based performance using reader studies, including study design, and sampling issues.
* Understanding pathologist performance:
  + issues that impact pathologist performance (selection of fields of view, reporting of findings, use of computer aids, etc).
* Other

1. **Briefly describe your experience with WSI.  
   Feel free to expand on your description or simply list papers if relevant.**

* None
* User of a digital pathology system
* Owner of a digital pathology system
* Experience evaluating technical performance.
* Experience evaluating pathologist performance.
* Other

1. **How do you think this group should proceed?**
2. A series of webinars (or face-to-face?) that address specific questions or issues. Solicit presenters to address the question or issue and then open the discussion to all
   1. Do you have any questions or issues that you would like to see the group discuss?
   2. Would you like to present a particular side to a question or issues
3. A series of webinars that allow someone to present a measurement method or a study protocol. Solicit reviewers to provide feedback and then open the discussion to all.
   1. Is there a measurement method or study protocol that you would like to hear more about?
   2. Would you like to present a measurement method or study protocol and receive feedback?
4. Develop a series of consensus documents on technical performance measures?
   1. What technical performance measures should be addressed?
   2. Could you provide a protocol for a technical performance measure?
   3. Are there gaps in our knowledge or unmet needs related to technical performance measures?
   4. Would you like to discuss or present material on how technical performance measures relate to pathologist performance?
5. Other ideas?
6. **Should the organizing committee include more members?  
   Please tell us if you would like to be on the organizing committee.**
7. **Please indicate which of the following tasks you might be able to help with:**

* Logistics and e-tools for webinars
* Writing reports or meeting minutes
* Organizing the content that the working group generates on the web portal
* Collecting technical data on WSI devices or displays and the specialized tools for making the measurements
* Providing WSI images and slides and the tools and resources for managing and sharing
* Recruiting pathologists for reader studies or hosting reader studies (collecting pathologist evaluations)
* Resources or tools that you have or recommend for evaluating technical or pathologist performance
* Other (please specify)

1. **Please tell us any other comments or suggestions you have**