

Pathology Trainees Experience and Attitudes on
Use of Digital Whole Slide Images

Supplemental Appendix 1: Baseline Survey

SURVEY OF RESIDENTS IN PATHOLOGY

MEDICAL TRAINING

1. **Where did you attend medical school?**

2. **Did you complete a post-sophomore pathology fellowship year in medical school?**
 - Yes No
 - I am currently a post-sophomore fellow
3. **In addition to viewing PowerPoint slides during medical school histology/pathology training, how many hours did you spend using glass slides and/or digital images? (For example, a semester long course with a 2-3 hour lab per week is approximately 25-30 hours) Please estimate the number of hours you spent using:**
 - a. A traditional microscope with glass slides: 1-5 hours
 - 6-10 hours
 - 11-25 hours
 - 26-50 hours
 - 51-100 hours
 - > 100 hours
 - I never used a traditional microscope with glass slides
 - b. Digital whole slide images (virtual microscope with pan and zoom viewing on a computer monitor):

- 1-5 hours
- 6-10 hours
- 11-25 hours
- 26-50 hours
- 51-100 hours
- > 100 hours
- I never used digital whole slide imaging

4. When did you begin residency training in pathology? (dropdown response)

_____ (month) _____ (year)

- N/A (student fellow)

RESIDENCY

5. What is your current year of pathology residency training?

- First year Second year Third year Fourth year
- N/A (post-sophomore/student fellow) Fifth year or higher

6. Do you think you will attend any of the following meetings in the next 12 months?

- USCAP (United States and Canadian Academy of Pathology)
- CAP (College of American Pathologists)
- ASCP (American Society for Clinical Pathology)
- Other _____
- No meetings in the next 12 months

7. Approximately how many months of training in surgical pathology have you had during your residency and/or fellowship to date?

- < 1 month 9-10 months 22-24 months
- 1-2 months 11-12 months > 24 months
- 3-4 months 13-15 months
- 5-6 months 16-18 months
- 7-8 months 19-21 months

8. Approximately how many weeks of training in breast pathology have you had during your residency and/or fellowship to date? (dropdown response)

- < 1 week
- 1-4 weeks
- 5-7 weeks
- 8-16 weeks

>16 weeks

9. Estimate the number of breast cases you have reviewed thus far in your residency and/or fellowship: (dropdown response)

- < 10 cases
- 10-25 cases
- 26-50 cases
- 51-100 cases
- 101-250
- 251-500
- 500+

BREAST PATHOLOGY

10. What are your thoughts on interpreting breast pathology?

	Strongly disagree	Disagree	Slightly disagree	Slightly agree	Agree	Strongly agree
	1	2	3	4	5	6
A. Interpreting breast pathology makes me more nervous than other types of pathology.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
B. Breast cases are challenging to interpret.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
C. I am confident in my assessments of breast cases.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

11. Do you intend to specialize in surgical pathology?

- Yes
- No
- Unsure

The vastness of the information physicians are expected to know overwhelms me.

I frequently wish I had gone into a specialty or subspecialty that would minimize the uncertainties of patient care.

I am quite comfortable with the uncertainty in patient care.

GENERAL PROFESSIONAL INFORMATION

17. What is your year of birth? ____ ____ ____ ____ Year

18. Which gender do you identify with?

- Male
- Female
- Other
- Prefer not to answer

19. Which one of these groups would you say best represents your race?

- White
- Black or African American
- Asian
- American Indian/Alaska Native/Native Hawaiian/Other Pacific Islander
- > one race
- Don't know/Not sure
- Decline to Answer

20. Are you Hispanic or Latino?

- No
- Yes
- Don't know/Not sure
- Decline to Answer