

Supplemental Digital Content, containing 9 tables and a copy of the survey. The Supplemental Digital Content was not copyedited by Archives of Pathology & Laboratory Medicine.

Supplemental Table 1 – Sampling confidence across all organ system and PGY levels throughout the duration of the study

Survey Date	Confidence	<i>P</i> ^a	<i>P</i> ^b
6/20	3.88		
1/21	4.26	<.001	
6/21	4.66	<.001	<.001

^a comparison of confidence from 6/20 vs. 1/21 or 6/20 vs. 6/21

^b comparison of confidence from 6/20 vs. 6/21

Supplemental Table 2 – Sampling confidence across all organ system and PGY levels comparing the use of video resources

Survey Date	Confidence	<i>P</i>
6/20 – Yes	3.58	
6/20 – No	3.98	<.001
1/21 – Yes	3.91	
1/21 – No	4.33	.004
6/21 – Yes	4.74	
6/21 – No	4.53	.41

Yes indicates the use of in-house videos; No indicates that in-house sampling videos were not used

Supplemental Table 3 – Sampling confidence separated by PGY levels

Survey Date	Confidence	<i>P</i> ^a	<i>P</i> ^b
PGY1			
6/20	3.05		
1/21	3.66	<.001	
6/21	4.28	<.001	<.001
PGY2			
6/20	3.41		
1/21	4.37	<.001	
6/21	4.45	.67	<.001
PGY3			
6/20	3.98		
1/21	4.92	<.001	
6/21	4.90	.95	<.001
PGY4			
6/20	4.85		
1/21	4.88	.46	
6/21	4.99	.001	<.001

^a comparison of confidence from 6/20 vs. 1/21 or 6/20 vs. 6/21 for each PGY level

^b comparison of confidence from 6/20 vs. 6/21 for each PGY level

Supplemental Table 4 – Effect of combined resources on sampling, teaching, describing, measuring, and sampling for stage for breast specimens

Survey Date	Confidence	<i>P</i> ^a	<i>P</i> ^b
Sampling			
6/20	3.83		
1/21	4.41	.01	
6/21	4.67	.36	<.001
Teaching			
6/20	3.32		
1/21	4.21	.03	
6/21	4.42	.81	.007
Describing			
6/20	3.47		
1/21	4.00	.22	
6/21	4.36	.47	.02
Measuring			
6/20	3.72		
1/21	4.30	.16	
6/21	4.46	.87	.06
Sampling for Stage			
6/20	3.72		
1/21	4.04	.59	
6/21	4.46	.40	.07

^a comparison of confidence from 6/20 vs. 1/21 or 6/20 vs. 6/21

^b comparison of confidence from 6/20 vs. 6/21

Supplemental Table 5 – Effect of combined resources on sampling, teaching, describing, measuring, and sampling for stage for lung specimens

Survey Date	Confidence	<i>P</i> ^a	<i>P</i> ^b
Sampling			
6/20	3.50		
1/21	4.08	.10	
6/21	4.56	.21	.002
Teaching			
6/20	3.41		
1/21	3.78	.55	
6/21	4.41	.18	.01
Describing			
6/20	3.71		
1/21	4.08	.49	
6/21	4.29	.79	.18
Measuring			
6/20	3.92		
1/21	4.13	0.67	
6/21	4.39	0.54	.15
Sampling for Stage			
6/20	3.76		
1/21	4.13	0.46	
6/21	4.39	0.67	.11

^a comparison of confidence from 6/20 vs. 1/21 or 6/20 vs. 6/21

^b comparison of confidence from 6/20 vs. 6/21

Supplemental Table 6 – Effect of combined resources on sampling, teaching, describing, measuring, and sampling for stage for head and neck specimens

Survey Date	Confidence	<i>P</i> ^a	<i>P</i> ^b
Sampling			
6/20	4.14		
1/21	4.56	.18	
6/21	4.82	.50	.01
Teaching			
6/20	3.69		
1/21	4.43	.08	
6/21	4.85	.42	.003
Describing			
6/20	3.93		
1/21	4.30	.40	
6/21	4.46	.84	.16
Measuring			
6/20	3.89		
1/21	4.47	.11	
6/21	4.68	.73	.02
Sampling for Stage			
6/20	4.03		
1/21	4.34	.49	
6/21	4.55	.72	.15

^a comparison of confidence from 6/20 vs. 1/21 or 6/20 vs. 6/21

^b comparison of confidence from 6/20 vs. 6/21

Supplemental Table 7 – Effect of combined resources on sampling, teaching, describing, measuring, and sampling for stage for gastrointestinal specimens

Survey Date	Confidence	<i>P</i> ^a	<i>P</i> ^b
Sampling			
6/20	3.51		
1/21	4.04	.20	
6/21	4.20	.86	.07
Teaching			
6/20	3.38		
1/21	3.65	.77	
6/21	3.96	.69	.29
Describing			
6/20	3.76		
1/21	4.12	.48	
6/21	4.12	.99	.48
Measuring			
6/20	3.70		
1/21	4.13	.37	
6/21	4.34	.77	.11
Sampling for Stage			
6/20	3.65		
1/21	4.13	.38	
6/21	4.13	.99	.38

^a comparison of confidence from 6/20 vs. 1/21 or 6/20 vs. 6/21

^b comparison of confidence from 6/20 vs. 6/21

Supplemental Table 8 – Effect of combined resources on sampling, teaching, describing, measuring, and sampling for stage for genitourinary specimens

Survey Date	Confidence	<i>P</i> ^a	<i>P</i> ^b
Sampling			
6/20	4.07		
1/21	4.65	.15	
6/21	4.86	.77	.03
Teaching			
6/20	3.77		
1/21	4.56	.07	
6/21	4.88	.64	.009
Describing			
6/20	3.65		
1/21	4.39	.03	
6/21	4.49	.92	.01
Measuring			
6/20	3.71		
1/21	4.34	.15	
6/21	4.55	.80	.03
Sampling for Stage			
6/20	3.96		
1/21	4.43	.32	
6/21	4.48	.98	.26

^a comparison of confidence from 6/20 vs. 1/21 or 6/20 vs. 6/21

^b comparison of confidence from 6/20 vs. 6/21

Supplemental Table 9 – Effect of combined resources on sampling, teaching, describing, measuring, and sampling for stage for gynaecological and perinatal specimens

Survey Date	Confidence	<i>P</i> ^a	<i>P</i> ^b
Sampling			
6/20	3.97		
1/21	4.50	.02	
6/21	4.94	.07	<.001
Teaching			
6/20	3.81		
1/21	4.37	.07	
6/21	4.81	.17	<.001
Describing			
6/20	3.73		
1/21	4.28	.04	
6/21	4.57	.41	.001
Measuring			
6/20	4.00		
1/21	4.37	.22	
6/21	4.68	.33	.008
Sampling for Stage			
6/20	3.53		
1/21	3.95	.49	
6/21	4.37	.49	.06

^a comparison of confidence from 6/20 vs. 1/21 or 6/20 vs. 6/21

^b comparison of confidence from 6/20 vs. 6/21

Resident Self-Perception of Grossing Skills

Resident Self-Perception of Grossing Skills - Phase 3

Please answer each question honestly. Your answers are anonymous.

* Required

My current year of training (or equivalent) is: *

- PGY-1
- PGY-2
- PGY-3
- PGY-4

 This is a required question

My residency tract is: *

- AP only
- AP/CP

General: I consistent use existing in-house or commercial resources to assist me in grossing

1 2 3 4 5
Strongly disagree Strongly agree

General: Were you aware the grossing video manuals existed?

- Yes
- No

General: I have used the existing grossing video manuals

- Yes
- No

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Clear form

Breast

Please answer each question honestly. Your answers are anonymous.



BREAST - I feel confident grossing mastectomy specimens: *

1 2 3 4 5
Strongly disagree Strongly agree

BREAST - I feel confident grossing lumpectomy specimens: *

1 2 3 4 5
Strongly disagree Strongly agree

BREAST - I feel I can properly teach someone how to gross breast specimens: *

1 2 3 4 5
Strongly disagree Strongly agree

BREAST - I feel confident describing breast findings using the appropriate terminology *

1 2 3 4 5
Strongly disagree Strongly agree

BREAST - I feel confident measuring lesions and distance to margins in breast specimens *

1 2 3 4 5
Strongly disagree Strongly agree

BREAST - I feel confident knowing which sections I need to sample for appropriate breast cancer staging *

1 2 3 4 5
Strongly disagree Strongly agree

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Clear form

Lung

Please answer each question honestly. Your answers are anonymous.



lungs

LUNG - I feel confident grossing lung wedges and lobectomy specimens: *

1 2 3 4 5
Strongly disagree Strongly agree

LUNG - I feel I can properly teach someone how to gross lung specimens: *

1 2 3 4 5
Strongly disagree Strongly agree

LUNG - I feel confident describing lung findings using the appropriate terminology *

1 2 3 4 5
Strongly disagree Strongly agree

LUNG - I feel confident measuring lesions and distance to margins in lung specimens *

1 2 3 4 5
Strongly disagree Strongly agree

LUNG - I feel confident knowing which sections I need to sample for appropriate lung cancer staging *

1 2 3 4 5
Strongly disagree Strongly agree

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Clear form

Please answer each question honestly. Your answers are anonymous.



thyroid

ENT - I feel confident grossing partial/total thyroidectomy specimens: *

1 2 3 4 5

Strongly disagree Strongly agree

ENT - I feel I can properly teach someone how to gross thyroid specimens: *

1 2 3 4 5

Strongly disagree Strongly agree

ENT - I feel confident describing thyroid findings using the appropriate terminology *

1 2 3 4 5

Strongly disagree Strongly agree

ENT - I feel confident measuring lesions and distance to margins in thyroid specimens *

1 2 3 4 5

Strongly disagree Strongly agree

ENT - I feel confident knowing which sections I need to sample for appropriate thyroid cancer staging *

1 2 3 4 5

Strongly disagree Strongly agree

Please answer each question honestly. Your answers are anonymous.



colon

GI - I feel confident grossing partial/total colectomy specimens: *

1 2 3 4 5

Strongly disagree Strongly agree

GI - I feel I can properly teach someone how to gross colon specimens: *

1 2 3 4 5

Strongly disagree Strongly agree

GI - I feel confident describing colon findings using the appropriate terminology *

1 2 3 4 5

Strongly disagree Strongly agree

GI - I feel confident measuring lesions and distance to margins in colon specimens *

1 2 3 4 5

Strongly disagree Strongly agree

GI - I feel confident knowing which sections I need to sample for appropriate colon cancer staging *

1 2 3 4 5

Strongly disagree Strongly agree

Please answer each question honestly. Your answers are anonymous.



prostate

GU - I feel confident grossing radical prostatectomy specimens: *

1 2 3 4 5

Strongly disagree Strongly agree

GU - I feel I can properly teach someone how to gross prostate specimens: *

1 2 3 4 5

Strongly disagree Strongly agree

GU - I feel confident describing prostate findings using the appropriate terminology *

1 2 3 4 5

Strongly disagree Strongly agree

GU - I feel confident measuring lesions and distance to margins in prostate specimens *

1 2 3 4 5

Strongly disagree Strongly agree

GU - I feel confident knowing which sections I need to sample for appropriate prostate cancer staging *

1 2 3 4 5

Strongly disagree Strongly agree

Uterus, Fallopian Tubes & Ovaries

Please answer each question honestly. Your answers are anonymous.



uterus

GYN - I feel confident grossing total hysterectomy and salpingo-oophorectomy specimens: *

Strongly disagree 1 2 3 4 5 Strongly agree

GYN - I feel I can properly teach someone how to gross hysterectomy and salpingo-oophorectomy specimens: *

Strongly disagree 1 2 3 4 5 Strongly agree

GYN - I feel confident describing uterine and ovarian findings using the appropriate terminology *

Strongly disagree 1 2 3 4 5 Strongly agree

GYN - I feel confident measuring lesions and distance to margins in hysterectomy and salpingo-oophorectomy specimens *

Strongly disagree 1 2 3 4 5 Strongly agree

GYN - I feel confident knowing which sections I need to sample for appropriate uterine and ovarian cancer staging *

Strongly disagree 1 2 3 4 5 Strongly agree

Placenta

Please answer each question honestly. Your answers are anonymous.



placenta

PERI - I feel confident grossing placentas: *

Strongly disagree 1 2 3 4 5 Strongly agree

PERI - I feel I can properly teach someone how to gross a placenta: *

Strongly disagree 1 2 3 4 5 Strongly agree

PERI - I feel confident describing placental findings using the appropriate terminology *

Strongly disagree 1 2 3 4 5 Strongly agree

PERI - I feel confident measuring lesions and distance to margins in placentas *

Strongly disagree 1 2 3 4 5 Strongly agree

Final question!

(Optional) Since the last survey, I became the surg path rotation director. Please write below suggestions or comments on how I can improve the educational value of the rotation besides the recent schedule and point changes. Much appreciated!

Your answer

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