



COLLEGE of AMERICAN
PATHOLOGISTS

Surveys and Anatomic Pathology Education Programs

Performance Improvement Program in Surgical Pathology PIP/PIPW-B 2020

Participant Summary

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**2020 PIP/PIPW-B
PARTICIPANT SUMMARY**

Program Update

This report summarizes the diagnostic responses for set B of the 2020 Performance Improvement Program in Surgical Pathology (PIP & PIPW).

A tabulation of the responses to the supplementary questions is not included since these are intended for educational purposes only.

SURGICAL PATHOLOGY COMMITTEE

Aaron Auerbach, MD FCAP, Chair
Raul Gonzalez, MD FCAP, Vice-Chair

Oyedele A. Adeyi, MBBS FCAP	Xiaoyin Jiang, MD FCAP
Nadine S. Aguilera, MD FCAP	Vinita Parkash, MD FCAP
Vijayalakshmi Ananthanarayanan, MD, MBBS FCAP	Anwar Sultana Sabiha Raza, MD FCAP
Phyu P. Aung, MD PhD FCAP	Safia N. Salaria, MD FCAP
Byron Barksdale, Jr.	Lauren Schwartz, MD FCAP
Deborah Ann Belchis, MD FCAP	Robert A. Schwartz, MD FCAP
Justin Avery Bishop, MD FCAP	Sabrina C. Sopha, MD FCAP
Lynden Praul Bowden III, MD FCAP	Justin M. Wells, MD FCAP
Miriam Conces, MD FCAP	Danielle E. Westfall, MD FCAP
Rajan Dewar, MD, PhD FCAP	

Case # 2020-11

Diagnosis

(1338) Congenital mesoblastic nephroma

Code	Diagnosis	PIP Participants		PIPW Participants	
		No.	%	No.	%
1119	Clear cell sarcoma of the kidney	36	0.6	13	5.6
1338	Congenital mesoblastic nephroma	5896	98.2	170	73.0
1716	Ewing sarcoma	8	0.1	6	2.6
5662	Nephroblastoma	46	0.8	25	10.7
1317	Rhabdoid tumor	21	0.3	19	8.2

Technical Quality of Slide

Rating	Glass Slide Evaluation	PIP Participants	
		No.	%
001	Excellent	3121	56.7
002		1032	18.8
003	Satisfactory	1235	22.4
004		106	1.9
005	Unsatisfactory	11	0.2

Case # 2020-12

Diagnosis

(2485) Myxoid liposarcoma (MLS)

Code	Diagnosis	PIP Participants		PIPW Participants	
		No.	%	No.	%
2387	Angiomyolipoma	1	<0.1	0	0
1008	Cholangiocarcinoma	6	0.1	1	0.4
1132	Fibrolamellar carcinoma	65	1.1	17	7.5
2484	Focal nodular hyperplasia	40	0.7	33	14.5
2276	Hepatocellular adenoma	325	5.4	43	18.9
2485	Hepatocellular carcinoma	5569	92.7	131	57.7
1931	Metastatic adenocarcinoma	1	<0.1	2	0.9

Technical Quality of Slide

Rating	Glass Slide Evaluation	PIP Participants	
		No.	%
001	Excellent	3075	56.1
002		1039	19.0
003	Satisfactory	1227	22.4
004		123	2.3
005	Unsatisfactory	13	0.2

Case # 2020-13

Diagnosis

(5664) Endometrioid ovarian adenocarcinoma

Code	Diagnosis	PIP Participants		PIPW Participants	
		No.	%	No.	%
5663	Atypical endometriosis	16	0.3	1	0.5
5664	Endometrioid ovarian adenocarcinoma	5907	98.4	174	79.8
1859	Metastatic colonic adenocarcinoma	13	0.2	7	3.2
1819	Mucinous adenocarcinoma	40	0.7	17	7.8
2496	Sertoli–Leydig cell tumor	21	0.3	16	7.3
2467	Yolk sac tumor	7	0.1	3	1.4

Technical Quality of Slide

Rating	Glass Slide Evaluation	PIP Participants	
		No.	%
001	Excellent	2977	55.4
002		1080	20.1
003	Satisfactory	1205	22.4
004		99	1.8
005	Unsatisfactory	16	0.3

Case # 2020-14

Diagnosis

(2141) Granular cell tumor

Code	Diagnosis	PIP Participants		PIPW Participants	
		No.	%	No.	%
2141	Granular cell tumor	5991	99.8	195	92.0
1165	Melanoma	0	0.0	2	0.9
2316	Perivascular epithelioid cell tumor (PEComa)	9	0.1	13	6.1
1896	Smooth muscle tumor	3	0.1	1	0.5
2314	Squamous cell carcinoma	1	<0.1	1	0.5

Technical Quality of Slide

Rating	Glass Slide Evaluation	PIP Participants	
		No.	%
001	Excellent	2418	45.2
002		1088	20.3
003	Satisfactory	1441	26.9
004		361	6.7
005	Unsatisfactory	46	0.9

Case # 2020-15

Diagnosis

(2394) Xanthogranulomatous pyelonephritis

Code	Diagnosis	PIP Participants		PIPW Participants	
		No.	%	No.	%
5665	Acute pyelonephritis with abscess	13	0.2	11	5.3
5572	Lipomatosis	0	0	0	0
2321	Renal cell carcinoma	1	<0.1	0	0
5666	Renal malakoplakia	34	0.6	24	11.5
2258	Tuberculosis	0	0	0	0
2394	Xanthogranulomatous pyelonephritis	5962	99.2	173	83.2

Technical Quality of Slide

Rating	Glass Slide Evaluation	PIP Participants	
		No.	%
001	Excellent	2764	51.7
002		1142	21.4
003	Satisfactory	1287	24.1
004		136	2.5
005	Unsatisfactory	18	0.3

Case # 2020-16

Diagnosis

(2930) Extra-adrenal paraganglioma (sympathetic paraganglioma)

Code	Diagnosis	PIP Participants		PIPW Participants	
		No.	%	No.	%
1891	Adrenal cortical adenoma	19	0.3	6	2.9
1992	Alveolar soft part sarcoma	11	0.2	1	0.5
1665	Clear cell renal cell carcinoma	5	0.1	0	0
2930	Extra-adrenal paraganglioma (sympathetic paraganglioma)	5955	99.1	186	91.2
1736	Well-differentiated neuroendocrine tumor	19	0.3	11	5.4

Technical Quality of Slide

Rating	Glass Slide Evaluation	PIP Participants	
		No.	%
001	Excellent	2769	51.8
002		1131	21.1
003	Satisfactory	1303	24.4
004		136	2.5
005	Unsatisfactory	12	0.2

Case # 2020-17

Diagnosis

(2222) *Clostridium difficile colitis*

Code	Diagnosis	PIP Participants		PIPW Participants	
		No.	%	No.	%
2222	<i>Clostridium difficile colitis</i>	5964	99.3	176	87.5
2573	Collagenous colitis	10	0.2	2	1.0
2769	Ischemic colitis	23	0.4	19	9.5
2090	Signet ring cell carcinoma	9	0.1	4	2.0
2230	Ulcerative colitis	0	0	0	0.0

Technical Quality of Slide

Rating	Glass Slide Evaluation	PIP Participants	
		No.	%
001	Excellent	2632	51.8
002		1155	21.4
003	Satisfactory	1406	26.1
004		173	3.2
005	Unsatisfactory	25	0.5

Case # 2020-18

Diagnosis

(5667) Poorly differentiated gastric adenocarcinoma

Code	Diagnosis	PIP Participants		PIPW Participants	
		No.	%	No.	%
2883	Gastric carcinoma with lymphoid stroma	92	1.5	11	5.4
1901	Gastrointestinal stromal tumor	5	0.1	3	1.5
1972	Metastatic lobular carcinoma (breast)	4	0.1	3	1.5
5667	Poorly differentiated gastric adenocarcinoma	5875	98.1	170	84.2
5668	Signet ring lymphoma	15	0.3	15	7.4

Technical Quality of Slide

Rating	Glass Slide Evaluation	PIP Participants	
		No.	%
001	Excellent	2793	51.7
002		1106	20.4
003	Satisfactory	1269	23.5
004		141	2.6
005	Unsatisfactory	98	1.8

Case # 2020-19

Diagnosis

(5673) Metastatic endocervical adenocarcinoma

Code	Diagnosis	PIP Participants		PIPW Participants	
		No.	%	No.	%
5669	Borderline mucinous tumor	35	0.6	18	9.0
5670	Borderline seromucinous tumor	98	1.6	39	19.5
5671	Cystic borderline endometrioid tumor	105	1.8	29	14.5
5672	Endometrioid cyst	29	0.5	6	3.0
5673	Metastatic endocervical adenocarcinoma	5740	95.5	108	54.0

Technical Quality of Slide

Rating	Glass Slide Evaluation	PIP Participants	
		No.	%
001	Excellent	2609	48.9
002		1140	21.4
003	Satisfactory	1352	25.4
004		183	3.4
005	Unsatisfactory	50	0.9

Case # 2020-20

Diagnosis

(5674) Follicular lymphoma, follicular and diffuse, low grade (grade 1-2)

Code	Diagnosis	PIP Participants		PIPW Participants	
		No.	%	No.	%
2268	Classical Hodgkin lymphoma, nodular sclerosis type	8	0.1	3	1.5
2454	Diffuse large B-cell lymphoma, activated B-cell type	38	0.6	21	10.4
5674	Follicular lymphoma, follicular and diffuse, low grade (grade	5931	98.9	169	84.1
2334	Mantle cell lymphoma	12	0.2	4	2.0
5568	Marginal zone lymphoma	14	0.2	4	2.0

Technical Quality of Slide

Rating	Glass Slide Evaluation	PIP Participants	
		No.	%
001	Excellent	2195	40.8
002		1045	19.4
003	Satisfactory	1492	27.8
004		511	9.5
005	Unsatisfactory	132	2.5

This concludes the report.



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325 Waukegan Road
Northfield, IL 60093-2750
800-323-4040
847-832-7000 (Country code: 001)